

Cluster

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Nherungsmatrix

Fall	Quadiertes euklidisches Distanzma						
	1:Case 1	2:Case 2	3:Case 3	4:Case 4	5:Case 5	6:Case 6	7:Case 7
1:Case 1	,000	12,856	21,345	25,785	34,975	27,286	43,022
2:Case 2	12,856	,000	20,177	27,965	31,056	25,917	38,169
3:Case 3	21,345	20,177	,000	16,340	13,827	10,756	30,079
4:Case 4	25,785	27,965	16,340	,000	10,309	12,026	16,493
5:Case 5	34,975	31,056	13,827	10,309	,000	16,812	21,287
6:Case 6	27,286	25,917	10,756	12,026	16,812	,000	34,202
7:Case 7	43,022	38,169	30,079	16,493	21,287	34,202	,000
8:Case 8	32,691	30,521	16,724	2,121	10,392	15,164	15,129
9:Case 9	25,588	28,090	17,000	1,601	11,265	15,592	17,855
10:Case 10	23,702	27,901	15,841	16,645	15,699	24,180	34,666
11:Case 11	26,387	25,500	11,975	6,865	5,299	10,806	19,595
12:Case 12	18,820	15,114	16,677	21,416	29,046	31,931	26,052
13:Case 13	47,034	35,082	24,809	15,461	21,693	29,391	20,228
14:Case 14	20,401	19,314	1,721	16,425	11,171	10,998	25,781
15:Case 15	33,962	28,203	13,865	12,483	11,678	6,846	32,778
16:Case 16	55,676	53,196	30,689	12,266	15,728	24,705	31,564
17:Case 17	24,967	22,586	20,446	19,217	17,443	19,552	37,413
18:Case 18	17,998	17,115	11,945	6,013	16,215	16,802	19,716
19:Case 19	39,604	37,053	32,458	19,671	36,394	27,611	32,831
20:Case 20	26,010	16,329	23,005	17,420	18,928	15,937	41,872
21:Case 21	21,149	17,031	10,704	23,248	28,948	15,624	46,749
22:Case 22	44,415	37,628	19,672	10,054	9,084	17,087	26,674
23:Case 23	31,170	33,562	16,884	6,365	8,487	14,425	30,020
24:Case 24	49,137	53,580	29,694	14,015	21,010	34,298	44,368
25:Case 25	61,923	53,853	30,697	19,408	16,569	40,176	30,239
26:Case 26	19,584	20,310	15,431	3,304	18,448	12,053	23,396
27:Case 27	30,016	41,732	21,743	18,242	23,533	30,011	47,521
28:Case 28	23,661	22,369	10,744	3,878	10,716	8,148	18,663
29:Case 29	34,409	39,407	50,663	37,174	52,080	57,614	29,458
30:Case 30	88,971	98,968	87,032	73,857	74,152	112,708	92,863
31:Case 31	39,217	33,191	12,202	11,888	8,190	10,236	30,415
32:Case 32	14,268	21,330	25,312	17,406	31,053	28,021	47,622
33:Case 33	45,279	48,426	25,996	5,208	16,807	19,156	28,031
34:Case 34	60,331	53,858	30,109	20,836	19,065	19,009	43,982
35:Case 35	29,437	31,478	16,291	6,052	13,086	13,707	14,850
36:Case 36	45,015	48,987	26,844	14,590	23,912	28,657	17,853
37:Case 37	20,860	34,599	19,281	18,884	32,189	25,211	33,542
38:Case 38	43,272	51,398	32,983	25,762	30,171	49,173	38,909
39:Case 39	54,876	48,994	32,811	26,287	30,559	40,829	29,200
40:Case 40	23,179	25,410	23,104	10,291	19,200	28,011	32,473
41:Case 41	20,934	29,022	13,136	7,355	11,592	16,651	15,937
42:Case 42	43,958	42,721	19,786	10,777	8,418	17,088	37,835
43:Case 43	31,645	36,919	35,518	8,176	29,074	28,665	27,257
44:Case 44	8,441	16,235	32,266	29,969	40,542	40,874	43,329
45:Case 45	56,421	50,732	27,951	14,569	11,351	25,177	42,410
46:Case 46	66,002	71,889	55,924	18,626	41,946	43,967	24,592
47:Case 47	40,390	44,219	23,872	11,921	18,261	25,685	21,565
48:Case 48	41,243	32,170	30,473	32,312	42,198	36,684	44,368
49:Case 49	37,127	32,767	17,687	11,779	11,902	15,722	17,889
50:Case 50	35,880	34,644	18,368	5,418	9,568	14,028	23,792
51:Case 51	29,700	32,980	22,453	6,123	13,581	23,354	27,684
52:Case 52	37,225	30,884	14,511	7,528	11,731	17,587	22,331
53:Case 53	37,053	29,372	26,545	48,166	38,162	50,741	39,983
54:Case 54	35,948	34,953	16,577	21,993	4,860	29,679	24,700
55:Case 55	25,022	32,889	15,352	3,386	12,080	15,636	22,380

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß						
	1:Case 1	2:Case 2	3:Case 3	4:Case 4	5:Case 5	6:Case 6	7:Case 7
56:Case 56	49,145	51,576	19,482	19,349	18,445	24,807	49,604
57:Case 57	26,483	32,234	13,795	7,727	9,546	11,199	25,079
58:Case 58	34,153	44,741	30,289	15,170	28,270	40,450	29,418
59:Case 59	33,920	31,343	34,004	27,387	44,399	50,459	21,368
60:Case 60	46,910	42,377	18,958	17,621	18,382	23,550	46,459
61:Case 61	34,656	43,141	32,105	10,673	23,596	37,430	31,199
62:Case 62	31,308	24,761	20,536	7,927	10,987	26,139	14,372
63:Case 63	44,489	56,702	38,657	13,877	27,177	41,645	36,111
64:Case 64	22,781	22,969	6,769	11,939	5,234	15,326	26,527
65:Case 65	28,378	28,419	29,718	17,091	32,771	36,077	20,133
66:Case 66	27,237	35,441	30,732	26,902	37,015	36,597	22,432
67:Case 67	37,555	33,630	15,324	11,449	7,746	9,340	27,400
68:Case 68	21,944	28,472	11,239	4,517	11,873	13,897	16,624
69:Case 69	57,470	47,884	19,665	18,733	13,091	20,617	26,682
70:Case 70	28,430	26,280	9,637	6,703	6,173	5,323	25,103
71:Case 71	31,997	21,669	6,970	11,800	12,563	4,249	25,931
72:Case 72	39,650	29,649	11,890	18,298	10,651	19,423	14,352
73:Case 73	37,826	31,431	23,826	16,520	16,248	30,691	13,141
74:Case 74	46,370	51,106	41,193	11,581	31,049	36,852	18,320
75:Case 75	47,838	35,964	16,761	12,753	16,199	11,665	36,460
76:Case 76	25,279	30,039	25,810	14,064	34,157	32,803	26,971
77:Case 77	30,497	31,251	16,308	9,147	12,085	24,864	9,410
78:Case 78	30,102	30,968	15,638	4,553	9,328	18,915	16,539
79:Case 79	44,608	30,536	17,350	24,087	14,538	25,137	27,486
80:Case 80	26,803	20,174	15,009	6,602	12,403	20,448	13,221

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadiertes euklidisches Distanzma					
	8:Case 8	9:Case 9	10:Case 10	11:Case 11	12:Case 12	13:Case 13
1:Case 1	32,691	25,588	23,702	26,387	18,820	47,034
2:Case 2	30,521	28,090	27,901	25,500	15,114	35,082
3:Case 3	16,724	17,000	15,841	11,975	16,677	24,809
4:Case 4	2,121	1,601	16,645	6,865	21,416	15,461
5:Case 5	10,392	11,265	15,699	5,299	29,046	21,693
6:Case 6	15,164	15,592	24,180	10,806	31,931	29,391
7:Case 7	15,129	17,855	34,666	19,595	26,052	20,228
8:Case 8	,000	5,281	21,078	11,486	19,009	9,205
9:Case 9	5,281	,000	17,279	5,966	20,839	15,742
10:Case 10	21,078	17,279	,000	15,390	33,126	39,584
11:Case 11	11,486	5,966	15,390	,000	25,162	23,589
12:Case 12	19,009	20,839	33,126	25,162	,000	14,358
13:Case 13	9,205	15,742	39,584	23,589	14,358	,000
14:Case 14	17,750	17,787	15,680	10,179	19,257	28,336
15:Case 15	14,707	16,963	12,657	11,236	38,750	32,643
16:Case 16	11,591	18,305	25,143	17,849	45,150	30,284
17:Case 17	26,843	19,638	8,916	11,089	38,012	45,480
18:Case 18	5,451	7,614	16,272	12,878	7,191	10,843
19:Case 19	21,680	25,710	21,322	30,272	42,504	43,167
20:Case 20	23,783	17,462	24,136	12,437	35,486	41,259
21:Case 21	28,891	22,672	16,368	17,647	25,331	39,496
22:Case 22	8,658	15,474	22,252	10,688	32,662	24,775
23:Case 23	7,975	9,821	10,280	10,754	34,179	29,058
24:Case 24	13,346	13,484	27,650	24,616	38,752	28,161
25:Case 25	12,346	20,197	29,379	28,746	34,692	12,572
26:Case 26	5,102	5,227	19,472	11,432	14,327	15,488
27:Case 27	22,030	14,593	17,111	19,514	30,539	33,135
28:Case 28	5,999	5,479	11,049	6,413	21,858	18,481
29:Case 29	35,698	41,331	51,138	48,342	29,650	46,442
30:Case 30	72,503	70,291	80,488	72,628	60,354	73,766
31:Case 31	9,874	17,927	19,970	13,141	33,937	27,228
32:Case 32	25,329	14,247	21,541	19,272	20,981	36,489
33:Case 33	4,211	9,927	26,355	17,072	34,203	20,024
34:Case 34	22,227	27,494	22,136	22,707	65,098	48,386
35:Case 35	3,312	11,472	22,383	16,034	22,379	15,397
36:Case 36	8,952	19,927	39,235	27,072	27,281	19,291
37:Case 37	17,489	22,662	31,215	28,867	17,339	28,527
38:Case 38	24,806	19,851	43,178	30,745	27,367	27,558
39:Case 39	22,719	26,568	39,423	25,067	25,485	19,860
40:Case 40	12,735	8,284	19,673	15,893	18,681	22,308
41:Case 41	7,223	11,512	12,266	14,193	22,290	23,717
42:Case 42	10,103	13,531	21,426	12,030	36,843	25,510
43:Case 43	10,696	9,075	26,559	21,940	27,890	22,874
44:Case 44	36,149	25,868	30,779	29,953	17,650	41,938
45:Case 45	13,894	15,680	25,998	15,822	45,867	28,518
46:Case 46	17,006	23,963	48,076	40,456	53,623	32,221
47:Case 47	6,283	17,258	29,220	24,403	26,408	16,622
48:Case 48	25,115	35,176	49,298	43,009	15,024	14,976
49:Case 49	7,077	17,818	23,269	18,049	26,654	16,366
50:Case 50	4,743	9,814	14,991	11,689	31,484	21,793
51:Case 51	6,389	7,936	17,194	14,842	24,588	20,937
52:Case 52	3,449	11,306	23,139	17,511	21,634	12,552
53:Case 53	43,721	45,302	55,197	40,038	17,254	35,388
54:Case 54	20,656	21,685	20,448	13,838	28,147	26,963
55:Case 55	4,270	4,580	15,541	11,487	22,042	17,582

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	8:Case 8	9:Case 9	10:Case 10	11:Case 11	12:Case 12	13:Case 13
56:Case 56	20,856	18,282	31,327	17,483	38,664	33,982
57:Case 57	9,848	9,327	19,261	5,243	23,910	22,329
58:Case 58	13,693	14,399	25,746	31,356	23,981	20,369
59:Case 59	24,367	27,429	48,365	41,100	12,750	25,364
60:Case 60	14,667	21,316	21,565	20,756	32,100	26,158
61:Case 61	10,837	9,607	29,784	22,486	22,647	19,930
62:Case 62	5,622	8,587	27,005	12,910	11,766	8,219
63:Case 63	14,659	12,193	41,783	25,072	29,479	23,375
64:Case 64	11,086	13,835	15,450	8,810	18,395	23,362
65:Case 65	17,684	17,834	24,871	28,922	17,484	19,450
66:Case 66	32,464	25,062	34,433	23,174	27,134	41,991
67:Case 67	9,431	17,488	18,308	12,702	34,827	24,091
68:Case 68	4,063	7,355	14,106	12,619	19,157	17,678
69:Case 69	14,762	25,390	24,664	20,604	46,458	32,871
70:Case 70	8,824	8,304	14,960	4,220	28,119	22,165
71:Case 71	10,915	15,366	23,501	10,580	22,779	18,431
72:Case 72	14,139	22,455	21,262	15,788	25,636	21,229
73:Case 73	13,086	15,621	36,549	19,003	14,234	6,382
74:Case 74	9,563	15,978	34,141	31,530	34,959	22,580
75:Case 75	14,551	14,676	22,084	11,533	37,255	25,796
76:Case 76	11,222	16,606	33,273	32,159	10,369	15,275
77:Case 77	5,606	11,043	22,659	15,366	13,451	9,817
78:Case 78	2,136	8,009	14,402	13,273	19,537	12,956
79:Case 79	15,363	30,126	31,058	25,340	23,376	17,082
80:Case 80	3,357	8,203	23,359	13,467	7,946	5,095

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	14:Case 14	15:Case 15	16:Case 16	17:Case 17	18:Case 18	19:Case 19
1:Case 1	20,401	33,962	55,676	24,967	17,998	39,604
2:Case 2	19,314	28,203	53,196	22,586	17,115	37,053
3:Case 3	1,721	13,865	30,689	20,446	11,945	32,458
4:Case 4	16,425	12,483	12,266	19,217	6,013	19,671
5:Case 5	11,171	11,678	15,728	17,443	16,215	36,394
6:Case 6	10,998	6,846	24,705	19,552	16,802	27,611
7:Case 7	25,781	32,778	31,564	37,413	19,716	32,831
8:Case 8	17,750	14,707	11,591	26,843	5,451	21,680
9:Case 9	17,787	16,963	18,305	19,638	7,614	25,710
10:Case 10	15,680	12,657	25,143	8,916	16,272	21,322
11:Case 11	10,179	11,236	17,849	11,089	12,878	30,272
12:Case 12	19,257	38,750	45,150	38,012	7,191	42,504
13:Case 13	28,336	32,643	30,284	45,480	10,843	43,167
14:Case 14	,000	13,167	30,072	17,784	14,606	34,418
15:Case 15	13,167	,000	13,353	10,001	17,259	16,259
16:Case 16	30,072	13,353	,000	24,637	19,891	20,782
17:Case 17	17,784	10,001	24,637	,000	21,147	23,847
18:Case 18	14,606	17,259	19,891	21,147	,000	19,024
19:Case 19	34,418	16,259	20,782	23,847	19,024	,000
20:Case 20	22,149	13,715	28,708	11,861	21,279	28,306
21:Case 21	14,143	15,257	35,733	11,097	16,109	25,102
22:Case 22	19,055	11,183	4,848	21,415	14,728	23,745
23:Case 23	16,969	9,317	13,066	18,416	13,722	22,110
24:Case 24	35,647	30,132	22,136	42,053	20,033	37,653
25:Case 25	34,068	29,621	22,334	45,149	20,323	42,658
26:Case 26	18,175	15,306	18,096	20,294	2,551	17,122
27:Case 27	28,392	31,265	38,115	30,838	17,869	42,878
28:Case 28	11,688	8,605	18,711	14,480	7,314	18,405
29:Case 29	50,742	55,159	53,216	56,894	26,323	30,744
30:Case 30	91,957	111,283	82,634	93,525	62,594	116,199
31:Case 31	11,585	6,069	10,988	22,784	16,562	24,283
32:Case 32	28,594	30,306	37,564	20,917	12,571	33,645
33:Case 33	27,963	17,785	7,703	34,248	12,833	23,467
34:Case 34	28,633	5,801	11,850	21,287	33,722	21,790
35:Case 35	15,674	14,988	18,184	30,157	9,381	23,139
36:Case 36	28,811	32,617	26,595	53,641	16,580	32,058
37:Case 37	23,743	33,678	38,890	46,048	11,638	31,120
38:Case 38	38,698	55,875	54,337	58,317	26,145	65,984
39:Case 39	38,057	40,488	32,498	40,223	19,203	43,492
40:Case 40	27,251	25,672	25,586	25,877	7,926	26,522
41:Case 41	11,496	14,195	19,514	22,754	9,452	20,547
42:Case 42	22,454	12,921	10,595	26,186	16,790	31,135
43:Case 43	39,045	30,063	27,774	33,698	11,339	23,488
44:Case 44	34,607	45,811	63,019	30,066	19,225	45,533
45:Case 45	31,403	17,418	12,437	29,745	23,159	35,553
46:Case 46	57,032	40,741	26,851	60,644	28,823	26,097
47:Case 47	25,839	26,052	22,900	41,830	13,911	32,644
48:Case 48	35,876	48,064	58,367	63,126	18,351	58,260
49:Case 49	17,071	15,148	22,056	32,898	13,764	28,355
50:Case 50	19,394	9,861	11,178	23,126	11,431	18,583
51:Case 51	25,040	18,247	13,512	26,219	7,947	20,250
52:Case 52	15,537	15,275	15,143	32,098	9,518	26,103
53:Case 53	28,027	59,154	75,495	62,878	32,223	73,470
54:Case 54	12,900	24,402	31,032	28,040	22,639	51,804
55:Case 55	17,939	15,976	17,177	26,120	6,822	22,006

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	14:Case 14	15:Case 15	16:Case 16	17:Case 17	18:Case 18	19:Case 19
56:Case 56	23,711	27,002	24,873	39,628	24,402	47,740
57:Case 57	14,739	15,249	18,567	19,470	11,163	31,863
58:Case 58	34,436	37,994	34,708	47,038	13,346	34,625
59:Case 59	34,866	55,423	54,284	59,745	18,321	42,354
60:Case 60	25,144	16,731	12,906	28,445	14,565	27,054
61:Case 61	36,335	36,032	23,415	38,081	11,158	34,941
62:Case 62	19,681	25,655	20,178	30,642	6,961	34,859
63:Case 63	42,027	45,695	27,887	50,775	18,551	50,349
64:Case 64	6,772	14,725	21,623	20,435	11,084	33,905
65:Case 65	28,856	32,915	35,442	31,082	11,346	28,992
66:Case 66	30,571	43,273	52,643	39,707	23,572	37,163
67:Case 67	14,707	5,174	13,116	19,783	16,118	24,732
68:Case 68	12,183	14,237	19,233	24,381	6,614	20,267
69:Case 69	18,190	11,003	13,339	29,629	26,257	25,658
70:Case 70	9,722	5,780	16,518	12,513	12,716	26,790
71:Case 71	7,212	7,501	20,886	19,755	12,553	27,814
72:Case 72	10,251	13,375	21,846	26,274	16,368	25,493
73:Case 73	22,029	34,714	36,115	41,740	14,478	51,575
74:Case 74	42,219	32,685	22,359	47,295	16,250	20,126
75:Case 75	18,645	7,731	12,116	16,661	17,801	24,720
76:Case 76	29,413	37,794	35,612	46,301	6,712	31,067
77:Case 77	16,311	24,264	22,236	34,274	7,216	29,449
78:Case 78	16,582	13,807	11,254	24,735	5,306	18,766
79:Case 79	17,593	20,970	27,367	35,797	17,861	39,886
80:Case 80	15,953	20,905	20,480	27,855	3,059	27,450

Dies ist eine Unähnlichkeitsmatrix

Nahrungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	20:Case 20	21:Case 21	22:Case 22	23:Case 23	24:Case 24	25:Case 25
1:Case 1	26,010	21,149	44,415	31,170	49,137	61,923
2:Case 2	16,329	17,031	37,628	33,562	53,580	53,853
3:Case 3	23,005	10,704	19,672	16,884	29,694	30,697
4:Case 4	17,420	23,248	10,054	6,365	14,015	19,408
5:Case 5	18,928	28,948	9,084	8,487	21,010	16,569
6:Case 6	15,937	15,624	17,087	14,425	34,298	40,176
7:Case 7	41,872	46,749	26,674	30,020	44,368	30,239
8:Case 8	23,783	28,891	8,658	7,975	13,346	12,346
9:Case 9	17,462	22,672	15,474	9,821	13,484	20,197
10:Case 10	24,136	16,368	22,252	10,280	27,650	29,379
11:Case 11	12,437	17,647	10,688	10,754	24,616	28,746
12:Case 12	35,486	25,331	32,662	34,179	38,752	34,692
13:Case 13	41,259	39,496	24,775	29,058	28,161	12,572
14:Case 14	22,149	14,143	19,055	16,969	35,647	34,068
15:Case 15	13,715	15,257	11,183	9,317	30,132	29,621
16:Case 16	28,708	35,733	4,848	13,066	22,136	22,334
17:Case 17	11,861	11,097	21,415	18,416	42,053	45,149
18:Case 18	21,279	16,109	14,728	13,722	20,033	20,323
19:Case 19	28,306	25,102	23,745	22,110	37,653	42,658
20:Case 20	,000	16,224	19,845	18,474	32,734	47,562
21:Case 21	16,224	,000	28,138	26,157	41,645	49,960
22:Case 22	19,845	28,138	,000	8,379	20,440	23,326
23:Case 23	18,474	26,157	8,379	,000	11,980	20,895
24:Case 24	32,734	41,645	20,440	11,980	,000	16,011
25:Case 25	47,562	49,960	23,326	20,895	16,011	,000
26:Case 26	16,209	16,054	13,653	11,523	18,233	26,797
27:Case 27	33,421	26,983	30,394	15,587	13,725	29,659
28:Case 28	16,968	15,934	12,168	5,913	20,460	23,286
29:Case 29	50,934	57,293	47,604	49,614	57,463	59,949
30:Case 30	99,383	96,170	69,122	75,892	64,273	77,594
31:Case 31	19,154	25,497	4,961	6,867	21,496	22,993
32:Case 32	17,859	15,628	32,229	24,646	28,022	46,920
33:Case 33	30,583	36,990	8,340	7,863	11,065	18,057
34:Case 34	25,942	34,085	14,325	12,616	32,490	33,651
35:Case 35	30,129	33,287	14,073	10,051	22,916	18,885
36:Case 36	46,344	51,348	19,967	19,717	22,807	23,765
37:Case 37	41,864	33,636	29,574	23,031	28,401	39,161
38:Case 38	48,463	53,499	42,902	32,127	16,989	29,199
39:Case 39	48,133	37,781	24,456	35,847	39,281	32,648
40:Case 40	17,714	24,588	20,767	14,801	10,969	23,881
41:Case 41	28,824	28,307	16,021	8,155	22,902	21,747
42:Case 42	20,153	30,403	5,908	5,756	9,301	17,990
43:Case 43	30,320	36,417	25,289	16,033	19,153	30,081
44:Case 44	29,227	26,973	51,324	40,044	48,155	59,284
45:Case 45	22,148	36,693	9,546	9,548	8,165	16,700
46:Case 46	58,446	68,538	33,776	29,575	32,352	32,122
47:Case 47	42,346	44,783	18,068	14,065	19,723	16,317
48:Case 48	57,002	45,580	43,323	40,087	47,507	36,422
49:Case 49	33,488	37,265	14,233	10,937	28,133	18,106
50:Case 50	21,303	28,986	6,491	1,888	12,928	17,407
51:Case 51	20,560	29,740	11,542	6,923	7,079	16,439
52:Case 52	26,206	30,593	11,489	10,036	14,067	11,110
53:Case 53	51,723	48,986	53,369	55,725	60,243	53,197
54:Case 54	33,828	38,833	21,870	19,660	32,725	20,866
55:Case 55	23,839	26,609	14,405	6,041	8,763	16,359

Dies ist eine Unahnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	20:Case 20	21:Case 21	22:Case 22	23:Case 23	24:Case 24	25:Case 25
56:Case 56	29,726	32,448	17,426	16,693	12,345	29,760
57:Case 57	21,045	22,578	10,229	9,761	21,742	28,931
58:Case 58	47,332	45,086	35,545	21,645	14,710	15,674
59:Case 59	50,951	48,665	45,406	44,264	43,168	42,527
60:Case 60	27,481	23,508	8,676	12,600	13,865	20,359
61:Case 61	32,993	39,598	23,200	19,514	9,072	19,972
62:Case 62	24,935	33,877	13,676	16,980	20,325	15,526
63:Case 63	42,213	51,836	26,870	24,572	11,563	25,833
64:Case 64	18,453	21,769	10,230	8,773	19,016	22,962
65:Case 65	43,590	32,010	37,399	32,329	43,686	29,718
66:Case 66	41,272	36,823	40,277	36,757	51,560	59,954
67:Case 67	22,169	27,285	8,429	7,772	26,307	21,200
68:Case 68	26,309	25,173	15,122	7,173	16,051	18,098
69:Case 69	32,488	36,613	10,001	13,348	29,204	22,768
70:Case 70	13,284	16,545	9,976	7,247	21,794	24,620
71:Case 71	17,937	14,946	12,387	15,542	32,738	28,765
72:Case 72	30,692	28,835	14,481	18,948	36,686	21,642
73:Case 73	41,291	43,823	28,810	30,116	36,970	18,712
74:Case 74	45,472	53,155	26,333	21,039	23,418	22,520
75:Case 75	17,450	15,141	10,161	15,151	26,191	27,937
76:Case 76	42,755	36,246	31,644	26,104	25,805	27,493
77:Case 77	35,517	35,609	16,786	15,982	21,894	13,475
78:Case 78	26,511	28,561	9,558	6,698	13,009	9,832
79:Case 79	36,676	36,705	17,049	23,099	37,616	19,351
80:Case 80	24,551	26,631	13,978	15,655	20,627	14,202

Dies ist eine Unähnlichkeitsmatrix

Nahrungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	26:Case 26	27:Case 27	28:Case 28	29:Case 29	30:Case 30	31:Case 31
1:Case 1	19,584	30,016	23,661	34,409	88,971	39,217
2:Case 2	20,310	41,732	22,369	39,407	98,968	33,191
3:Case 3	15,431	21,743	10,744	50,663	87,032	12,202
4:Case 4	3,304	18,242	3,878	37,174	73,857	11,888
5:Case 5	18,448	23,533	10,716	52,080	74,152	8,190
6:Case 6	12,053	30,011	8,148	57,614	112,708	10,236
7:Case 7	23,396	47,521	18,663	29,458	92,863	30,415
8:Case 8	5,102	22,030	5,999	35,698	72,503	9,874
9:Case 9	5,227	14,593	5,479	41,331	70,291	17,927
10:Case 10	19,472	17,111	11,049	51,138	80,488	19,970
11:Case 11	11,432	19,514	6,413	48,342	72,628	13,141
12:Case 12	14,327	30,539	21,858	29,650	60,354	33,937
13:Case 13	15,488	33,135	18,481	46,442	73,766	27,228
14:Case 14	18,175	28,392	11,688	50,742	91,957	11,585
15:Case 15	15,306	31,265	8,605	55,159	111,283	6,069
16:Case 16	18,096	38,115	18,711	53,216	82,634	10,988
17:Case 17	20,294	30,838	14,480	56,894	93,525	22,784
18:Case 18	2,551	17,869	7,314	26,323	62,594	16,562
19:Case 19	17,122	42,878	18,405	30,744	116,199	24,283
20:Case 20	16,209	33,421	16,968	50,934	99,383	19,154
21:Case 21	16,054	26,983	15,934	57,293	96,170	25,497
22:Case 22	13,653	30,394	12,168	47,604	69,122	4,961
23:Case 23	11,523	15,587	5,913	49,614	75,892	6,867
24:Case 24	18,233	13,725	20,460	57,463	64,273	21,496
25:Case 25	26,797	29,659	23,286	59,949	77,594	22,993
26:Case 26	,000	17,952	5,464	31,670	70,558	16,106
27:Case 27	17,952	,000	15,214	59,661	51,926	31,773
28:Case 28	5,464	15,214	,000	42,805	80,237	11,436
29:Case 29	31,670	59,661	42,805	,000	94,651	51,752
30:Case 30	70,558	51,926	80,237	94,651	,000	95,024
31:Case 31	16,106	31,773	11,436	51,752	95,024	,000
32:Case 32	11,259	16,934	20,416	43,493	62,336	36,376
33:Case 33	9,479	24,095	11,653	47,003	74,172	11,505
34:Case 34	29,002	44,928	18,676	75,487	130,002	9,772
35:Case 35	9,651	28,474	7,363	34,334	89,987	10,308
36:Case 36	17,866	33,592	18,468	28,535	81,497	19,336
37:Case 37	13,999	22,625	19,326	23,838	73,911	26,274
38:Case 38	28,393	16,309	29,640	54,505	53,115	44,593
39:Case 39	22,878	29,668	23,258	48,999	45,791	38,587
40:Case 40	8,493	11,965	15,018	29,901	55,332	24,550
41:Case 41	11,736	23,356	7,807	30,668	84,091	11,637
42:Case 42	14,995	17,356	12,892	55,265	68,632	6,963
43:Case 43	7,209	17,896	11,196	34,281	67,139	32,064
44:Case 44	21,537	26,144	27,844	31,770	71,172	53,481
45:Case 45	20,504	20,593	17,543	65,073	72,574	12,397
46:Case 46	25,233	49,620	27,693	38,913	110,981	38,229
47:Case 47	15,198	26,288	13,232	39,593	75,297	17,134
48:Case 48	24,632	38,709	28,424	55,113	79,533	40,692
49:Case 49	15,996	30,596	8,759	41,193	91,384	9,849
50:Case 50	9,635	18,416	4,966	42,298	76,826	6,470
51:Case 51	7,951	15,006	11,709	30,348	61,378	14,089
52:Case 52	11,127	28,777	11,406	43,875	86,352	7,146
53:Case 53	44,301	50,182	45,137	40,667	85,992	47,856
54:Case 54	30,914	29,688	21,541	52,971	73,280	18,562
55:Case 55	6,208	11,090	6,405	34,119	70,522	13,207

Dies ist eine Unahnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	26:Case 26	27:Case 27	28:Case 28	29:Case 29	30:Case 30	31:Case 31
56:Case 56	23,165	19,028	23,172	70,330	68,388	17,039
57:Case 57	9,312	13,816	6,416	44,857	60,019	13,716
58:Case 58	17,833	19,485	21,660	35,160	72,677	33,728
59:Case 59	24,353	50,464	33,878	22,664	85,970	45,595
60:Case 60	15,745	19,207	17,159	55,777	61,694	11,527
61:Case 61	11,265	16,745	20,590	34,581	47,818	30,433
62:Case 62	10,558	27,916	14,372	32,343	57,308	18,077
63:Case 63	17,181	21,348	27,219	46,870	45,802	35,491
64:Case 64	14,089	17,809	10,628	41,256	63,823	7,540
65:Case 65	16,504	40,082	20,155	38,304	89,405	39,081
66:Case 66	25,644	33,252	23,873	25,805	78,865	45,102
67:Case 67	15,667	29,228	8,430	51,308	96,411	4,350
68:Case 68	7,340	17,150	4,969	32,269	79,850	11,357
69:Case 69	26,899	43,863	16,572	60,260	111,828	5,142
70:Case 70	10,007	19,124	3,684	54,172	86,498	7,752
71:Case 71	11,827	32,925	7,922	55,162	101,768	7,331
72:Case 72	22,679	39,395	14,420	37,746	99,147	9,935
73:Case 73	21,087	37,079	20,398	43,816	75,901	29,466
74:Case 74	15,799	37,567	19,790	26,527	91,650	29,295
75:Case 75	14,392	31,199	11,442	70,483	96,137	11,266
76:Case 76	9,661	29,395	19,696	27,850	71,500	31,682
77:Case 77	12,910	25,018	12,166	25,965	66,973	17,079
78:Case 78	7,994	19,708	7,572	30,903	69,618	9,538
79:Case 79	24,975	41,978	20,209	48,214	87,931	12,971
80:Case 80	6,575	24,956	9,621	29,383	64,698	15,812

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadrirtes euklidisches Distanzmaß					
	32:Case 32	33:Case 33	34:Case 34	35:Case 35	36:Case 36	37:Case 37
1:Case 1	14,268	45,279	60,331	29,437	45,015	20,860
2:Case 2	21,330	48,426	53,858	31,478	48,987	34,599
3:Case 3	25,312	25,996	30,109	16,291	26,844	19,281
4:Case 4	17,406	5,208	20,836	6,052	14,590	18,884
5:Case 5	31,053	16,807	19,065	13,086	23,912	32,189
6:Case 6	28,021	19,156	19,009	13,707	28,657	25,211
7:Case 7	47,622	28,031	43,982	14,850	17,853	33,542
8:Case 8	25,329	4,211	22,227	3,312	8,952	17,489
9:Case 9	14,247	9,927	27,494	11,472	19,927	22,662
10:Case 10	21,541	26,355	22,136	22,383	39,235	31,215
11:Case 11	19,272	17,072	22,707	16,034	27,072	28,867
12:Case 12	20,981	34,203	65,098	22,379	27,281	17,339
13:Case 13	36,489	20,024	48,386	15,397	19,291	28,527
14:Case 14	28,594	27,963	28,633	15,674	28,811	23,743
15:Case 15	30,306	17,785	5,801	14,988	32,617	33,678
16:Case 16	37,564	7,703	11,850	18,184	26,595	38,890
17:Case 17	20,917	34,248	21,287	30,157	53,641	46,048
18:Case 18	12,571	12,833	33,722	9,381	16,580	11,638
19:Case 19	33,645	23,467	21,790	23,139	32,058	31,120
20:Case 20	17,859	30,583	25,942	30,129	46,344	41,864
21:Case 21	15,628	36,990	34,085	33,287	51,348	33,636
22:Case 22	32,229	8,340	14,325	14,073	19,967	29,574
23:Case 23	24,646	7,863	12,616	10,051	19,717	23,031
24:Case 24	28,022	11,065	32,490	22,916	22,807	28,401
25:Case 25	46,920	18,057	33,651	18,885	23,765	39,161
26:Case 26	11,259	9,479	29,002	9,651	17,866	13,999
27:Case 27	16,934	24,095	44,928	28,474	33,592	22,625
28:Case 28	20,416	11,653	18,676	7,363	18,468	19,326
29:Case 29	43,493	47,003	75,487	34,334	28,535	23,838
30:Case 30	62,336	74,172	130,002	89,987	81,497	73,911
31:Case 31	36,376	11,505	9,772	10,308	19,336	26,274
32:Case 32	,000	29,508	51,766	34,706	46,474	26,508
33:Case 33	29,508	,000	20,171	9,472	12,325	21,350
34:Case 34	51,766	20,171	,000	23,067	40,316	52,491
35:Case 35	34,706	9,472	23,067	,000	7,435	14,793
36:Case 36	46,474	12,325	40,316	7,435	,000	11,443
37:Case 37	26,508	21,350	52,491	14,793	11,443	,000
38:Case 38	35,508	34,463	70,375	31,714	27,012	29,178
39:Case 39	40,738	30,850	55,182	30,707	30,433	34,888
40:Case 40	7,879	16,802	40,390	21,899	24,907	18,783
41:Case 41	28,702	13,301	23,294	3,292	11,990	13,305
42:Case 42	28,074	7,827	16,624	16,388	20,903	26,502
43:Case 43	19,313	13,115	40,806	16,269	20,580	20,919
44:Case 44	13,540	52,311	74,577	38,595	50,320	28,566
45:Case 45	33,659	11,618	17,606	23,619	28,288	39,119
46:Case 46	54,644	14,748	41,517	19,081	16,274	33,832
47:Case 47	43,389	12,223	31,954	3,995	6,889	17,146
48:Case 48	41,841	36,606	73,225	26,071	30,057	23,230
49:Case 49	43,013	13,962	23,335	3,146	9,963	19,284
50:Case 50	28,415	5,034	13,564	6,819	12,561	19,651
51:Case 51	16,369	6,666	26,221	12,674	15,148	16,249
52:Case 52	31,820	8,381	21,558	6,143	12,808	21,811
53:Case 53	49,184	63,856	89,742	43,904	39,893	31,712
54:Case 54	39,458	31,017	37,293	20,935	29,889	34,354
55:Case 55	18,187	6,120	25,370	6,810	10,673	10,971

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	32:Case 32	33:Case 33	34:Case 34	35:Case 35	36:Case 36	37:Case 37
56:Case 56	27,865	16,573	34,676	30,791	30,139	29,935
57:Case 57	21,697	12,934	27,116	11,982	18,723	17,785
58:Case 58	26,931	18,549	50,155	17,258	18,461	17,685
59:Case 59	38,037	38,938	75,754	27,119	24,098	24,623
60:Case 60	27,831	12,789	22,850	22,749	26,781	26,148
61:Case 61	18,142	13,690	46,479	20,001	20,730	21,933
62:Case 62	23,026	14,061	39,250	12,119	16,353	23,461
63:Case 63	24,203	13,951	55,845	25,212	22,195	26,032
64:Case 64	24,463	18,167	26,673	11,983	18,733	17,666
65:Case 65	27,427	29,865	50,431	19,820	35,525	32,836
66:Case 66	29,861	40,604	66,044	33,420	29,875	21,181
67:Case 67	38,509	13,633	10,220	7,297	20,231	27,174
68:Case 68	24,867	9,819	23,631	2,393	9,126	10,764
69:Case 69	56,515	18,067	8,342	13,806	22,258	39,489
70:Case 70	25,185	14,478	14,133	10,188	24,275	27,078
71:Case 71	31,817	18,930	19,212	11,255	25,323	27,696
72:Case 72	45,164	24,245	23,365	12,005	18,177	26,808
73:Case 73	36,982	26,727	53,358	15,839	22,402	30,454
74:Case 74	38,906	11,198	37,732	11,638	11,416	22,832
75:Case 75	29,102	15,703	12,893	22,693	37,484	42,379
76:Case 76	23,843	19,003	55,113	13,356	16,479	12,020
77:Case 77	30,567	13,763	37,287	6,503	7,288	13,504
78:Case 78	24,917	6,051	21,512	4,212	9,556	14,953
79:Case 79	51,192	27,883	32,036	13,229	22,146	30,747
80:Case 80	22,714	13,422	35,276	7,287	13,147	17,760

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	38:Case 38	39:Case 39	40:Case 40	41:Case 41	42:Case 42	43:Case 43
1:Case 1	43,272	54,876	23,179	20,934	43,958	31,645
2:Case 2	51,398	48,994	25,410	29,022	42,721	36,919
3:Case 3	32,983	32,811	23,104	13,136	19,786	35,518
4:Case 4	25,762	26,287	10,291	7,355	10,777	8,176
5:Case 5	30,171	30,559	19,200	11,592	8,418	29,074
6:Case 6	49,173	40,829	28,011	16,651	17,088	28,665
7:Case 7	38,909	29,200	32,473	15,937	37,835	27,257
8:Case 8	24,806	22,719	12,735	7,223	10,103	10,696
9:Case 9	19,851	26,568	8,284	11,512	13,531	9,075
10:Case 10	43,178	39,423	19,673	12,266	21,426	26,559
11:Case 11	30,745	25,067	15,893	14,193	12,030	21,940
12:Case 12	27,367	25,485	18,681	22,290	36,843	27,890
13:Case 13	27,558	19,860	22,308	23,717	25,510	22,874
14:Case 14	38,698	38,057	27,251	11,496	22,454	39,045
15:Case 15	55,875	40,488	25,672	14,195	12,921	30,063
16:Case 16	54,337	32,498	25,586	19,514	10,595	27,774
17:Case 17	58,317	40,223	25,877	22,754	26,186	33,698
18:Case 18	26,145	19,203	7,926	9,452	16,790	11,339
19:Case 19	65,984	43,492	26,522	20,547	31,135	23,488
20:Case 20	48,463	48,133	17,714	28,824	20,153	30,320
21:Case 21	53,499	37,781	24,588	28,307	30,403	36,417
22:Case 22	42,902	24,456	20,767	16,021	5,908	25,289
23:Case 23	32,127	35,847	14,801	8,155	5,756	16,033
24:Case 24	16,989	39,281	10,969	22,902	9,301	19,153
25:Case 25	29,199	32,648	23,881	21,747	17,990	30,081
26:Case 26	28,393	22,878	8,493	11,736	14,995	7,209
27:Case 27	16,309	29,668	11,965	23,356	17,356	17,896
28:Case 28	29,640	23,258	15,018	7,807	12,892	11,196
29:Case 29	54,505	48,999	29,901	30,668	55,265	34,281
30:Case 30	53,115	45,791	55,332	84,091	68,632	67,139
31:Case 31	44,593	38,587	24,550	11,637	6,963	32,064
32:Case 32	35,508	40,738	7,879	28,702	28,074	19,313
33:Case 33	34,463	30,850	16,802	13,301	7,827	13,115
34:Case 34	70,375	55,182	40,390	23,294	16,624	40,806
35:Case 35	31,714	30,707	21,899	3,292	16,388	16,269
36:Case 36	27,012	30,433	24,907	11,990	20,903	20,580
37:Case 37	29,178	34,888	18,783	13,305	26,502	20,919
38:Case 38	,000	35,077	18,746	31,136	30,909	27,263
39:Case 39	35,077	,000	29,698	34,621	29,970	27,117
40:Case 40	18,746	29,698	,000	18,985	14,302	11,180
41:Case 41	31,136	34,621	18,985	,000	17,718	18,595
42:Case 42	30,909	29,970	14,302	17,718	,000	22,879
43:Case 43	27,263	27,117	11,180	18,595	22,879	,000
44:Case 44	32,845	40,789	18,185	32,054	48,202	25,990
45:Case 45	31,723	32,899	16,526	25,807	2,149	25,887
46:Case 46	51,899	47,853	33,886	24,496	35,779	16,561
47:Case 47	24,486	25,033	24,805	8,551	17,819	17,444
48:Case 48	43,122	36,946	35,007	33,696	42,259	32,710
49:Case 49	37,441	30,034	27,008	7,164	15,930	21,996
50:Case 50	32,120	28,288	14,795	8,149	5,359	12,653
51:Case 51	23,701	30,045	3,764	11,264	7,126	10,185
52:Case 52	29,645	35,948	17,523	9,435	12,163	22,383
53:Case 53	36,299	49,083	37,521	41,018	52,266	62,441
54:Case 54	32,363	38,595	26,666	15,545	20,129	43,119
55:Case 55	18,984	28,486	7,437	6,018	8,810	9,060

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	38:Case 38	39:Case 39	40:Case 40	41:Case 41	42:Case 42	43:Case 43
56:Case 56	29,421	42,732	18,824	29,273	9,012	36,291
57:Case 57	26,445	16,986	16,300	12,426	9,156	16,612
58:Case 58	19,239	41,591	12,659	14,451	27,386	15,605
59:Case 59	32,770	47,521	27,470	26,785	53,290	32,367
60:Case 60	38,269	23,668	16,933	23,383	5,903	27,545
61:Case 61	14,214	26,469	6,266	19,827	18,073	10,982
62:Case 62	23,100	24,421	11,485	14,229	17,077	18,110
63:Case 63	15,438	33,428	12,464	26,515	20,565	16,658
64:Case 64	23,519	27,901	15,110	9,309	9,108	27,772
65:Case 65	47,117	38,050	26,817	18,090	45,162	22,536
66:Case 66	41,043	34,995	26,611	27,120	43,991	27,747
67:Case 67	44,722	31,239	26,678	9,971	9,091	26,837
68:Case 68	22,669	28,582	14,421	1,601	14,152	13,174
69:Case 69	52,626	41,170	38,286	15,376	16,011	41,228
70:Case 70	32,465	26,624	19,561	11,491	9,208	21,389
71:Case 71	44,505	30,761	27,784	15,543	16,861	31,117
72:Case 72	45,104	30,282	29,928	11,401	20,804	37,853
73:Case 73	28,772	29,757	25,548	19,373	31,033	29,256
74:Case 74	38,284	39,477	20,958	14,312	28,184	10,817
75:Case 75	51,703	31,845	26,110	25,637	13,605	30,701
76:Case 76	27,526	34,780	16,918	15,308	33,249	14,771
77:Case 77	22,340	23,115	15,543	6,517	18,646	18,592
78:Case 78	26,297	24,752	11,272	4,145	9,766	13,210
79:Case 79	43,696	27,889	34,374	17,732	21,730	41,021
80:Case 80	22,716	19,579	11,950	10,420	17,379	14,985

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	44:Case 44	45:Case 45	46:Case 46	47:Case 47	48:Case 48	49:Case 49
1:Case 1	8,441	56,421	66,002	40,390	41,243	37,127
2:Case 2	16,235	50,732	71,889	44,219	32,170	32,767
3:Case 3	32,266	27,951	55,924	23,872	30,473	17,687
4:Case 4	29,969	14,569	18,626	11,921	32,312	11,779
5:Case 5	40,542	11,351	41,946	18,261	42,198	11,902
6:Case 6	40,874	25,177	43,967	25,685	36,684	15,722
7:Case 7	43,329	42,410	24,592	21,565	44,368	17,889
8:Case 8	36,149	13,894	17,006	6,283	25,115	7,077
9:Case 9	25,868	15,680	23,963	17,258	35,176	17,818
10:Case 10	30,779	25,998	48,076	29,220	49,298	23,269
11:Case 11	29,953	15,822	40,456	24,403	43,009	18,049
12:Case 12	17,650	45,867	53,623	26,408	15,024	26,654
13:Case 13	41,938	28,518	32,221	16,622	14,976	16,366
14:Case 14	34,607	31,403	57,032	25,839	35,876	17,071
15:Case 15	45,811	17,418	40,741	26,052	48,064	15,148
16:Case 16	63,019	12,437	26,851	22,900	58,367	22,056
17:Case 17	30,066	29,745	60,644	41,830	63,126	32,898
18:Case 18	19,225	23,159	28,823	13,911	18,351	13,764
19:Case 19	45,533	35,553	26,097	32,644	58,260	28,355
20:Case 20	29,227	22,148	58,446	42,346	57,002	33,488
21:Case 21	26,973	36,693	68,538	44,783	45,580	37,265
22:Case 22	51,324	9,546	33,776	18,068	43,323	14,233
23:Case 23	40,044	9,548	29,575	14,065	40,087	10,937
24:Case 24	48,155	8,165	32,352	19,723	47,507	28,133
25:Case 25	59,284	16,700	32,122	16,317	36,422	18,106
26:Case 26	21,537	20,504	25,233	15,198	24,632	15,996
27:Case 27	26,144	20,593	49,620	26,288	38,709	30,596
28:Case 28	27,844	17,543	27,693	13,232	28,424	8,759
29:Case 29	31,770	65,073	38,913	39,593	55,113	41,193
30:Case 30	71,172	72,574	110,981	75,297	79,533	91,384
31:Case 31	53,481	12,397	38,229	17,134	40,692	9,849
32:Case 32	13,540	33,659	54,644	43,389	41,841	43,013
33:Case 33	52,311	11,618	14,748	12,223	36,606	13,962
34:Case 34	74,577	17,606	41,517	31,954	73,225	23,335
35:Case 35	38,595	23,619	19,081	3,995	26,071	3,146
36:Case 36	50,320	28,288	16,274	6,889	30,057	9,963
37:Case 37	28,566	39,119	33,832	17,146	23,230	19,284
38:Case 38	32,845	31,723	51,899	24,486	43,122	37,441
39:Case 39	40,789	32,899	47,853	25,033	36,946	30,034
40:Case 40	18,185	16,526	33,886	24,805	35,007	27,008
41:Case 41	32,054	25,807	24,496	8,551	33,696	7,164
42:Case 42	48,202	2,149	35,779	17,819	42,259	15,930
43:Case 43	25,990	25,887	16,561	17,444	32,710	21,996
44:Case 44	,000	55,584	67,834	43,431	42,903	45,559
45:Case 45	55,584	,000	38,712	23,407	53,079	23,161
46:Case 46	67,834	38,712	,000	22,553	55,166	25,940
47:Case 47	43,431	23,407	22,553	,000	27,999	6,523
48:Case 48	42,903	53,079	55,166	27,999	,000	22,710
49:Case 49	45,559	23,161	25,940	6,523	22,710	,000
50:Case 50	41,919	9,151	20,928	9,892	33,373	6,361
51:Case 51	30,840	10,134	21,655	15,046	35,241	16,546
52:Case 52	46,242	15,955	26,370	10,606	26,971	9,289
53:Case 53	36,429	62,381	86,049	49,046	35,536	41,269
54:Case 54	42,586	25,717	56,392	26,034	43,180	17,788
55:Case 55	28,953	13,615	19,161	9,800	29,906	11,301

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	44:Case 44	45:Case 45	46:Case 46	47:Case 47	48:Case 48	49:Case 49
56:Case 56	57,070	12,174	51,871	34,868	48,757	32,914
57:Case 57	29,014	15,603	36,560	14,401	33,698	13,379
58:Case 58	34,073	31,407	22,477	17,589	32,011	24,116
59:Case 59	35,179	60,596	40,409	32,640	33,479	36,450
60:Case 60	49,358	8,833	44,657	21,900	37,829	22,291
61:Case 61	27,825	19,439	26,924	17,178	40,207	29,440
62:Case 62	31,190	20,869	30,036	16,251	24,398	15,158
63:Case 63	40,449	22,868	29,512	23,007	44,248	35,270
64:Case 64	29,877	15,555	47,708	14,878	32,568	12,144
65:Case 65	30,744	51,377	33,214	28,492	31,715	27,807
66:Case 66	26,818	53,953	43,652	42,729	46,770	35,435
67:Case 67	47,026	14,526	35,107	12,013	37,554	5,494
68:Case 68	29,160	20,599	21,632	5,687	28,359	6,884
69:Case 69	70,677	18,790	37,613	18,675	55,608	12,729
70:Case 70	34,105	13,000	39,151	16,057	38,212	11,585
71:Case 71	42,444	23,155	45,075	20,554	29,318	11,925
72:Case 72	48,244	27,097	38,964	19,374	36,980	8,858
73:Case 73	37,811	36,622	38,065	21,529	21,522	16,807
74:Case 74	48,082	31,975	3,121	14,712	40,785	18,497
75:Case 75	54,364	14,662	44,420	31,689	47,124	24,708
76:Case 76	28,302	41,414	26,984	15,606	17,562	22,070
77:Case 77	33,534	25,093	22,320	9,398	22,930	8,305
78:Case 78	34,796	14,417	18,469	6,887	27,230	6,740
79:Case 79	49,778	28,023	51,546	13,928	26,357	8,739
80:Case 80	26,686	22,030	27,689	10,478	17,757	10,326

Dies ist eine Unähnlichkeitsmatrix

Nahrungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	50:Case 50	51:Case 51	52:Case 52	53:Case 53	54:Case 54	55:Case 55
1:Case 1	35,880	29,700	37,225	37,053	35,948	25,022
2:Case 2	34,644	32,980	30,884	29,372	34,953	32,889
3:Case 3	18,368	22,453	14,511	26,545	16,577	15,352
4:Case 4	5,418	6,123	7,528	48,166	21,993	3,386
5:Case 5	9,568	13,581	11,731	38,162	4,860	12,080
6:Case 6	14,028	23,354	17,587	50,741	29,679	15,636
7:Case 7	23,792	27,684	22,331	39,983	24,700	22,380
8:Case 8	4,743	6,389	3,449	43,721	20,656	4,270
9:Case 9	9,814	7,936	11,306	45,302	21,685	4,580
10:Case 10	14,991	17,194	23,139	55,197	20,448	15,541
11:Case 11	11,689	14,842	17,511	40,038	13,838	11,487
12:Case 12	31,484	24,588	21,634	17,254	28,147	22,042
13:Case 13	21,793	20,937	12,552	35,388	26,963	17,582
14:Case 14	19,394	25,040	15,537	28,027	12,900	17,939
15:Case 15	9,861	18,247	15,275	59,154	24,402	15,976
16:Case 16	11,178	13,512	15,143	75,495	31,032	17,177
17:Case 17	23,126	26,219	32,098	62,878	28,040	26,120
18:Case 18	11,431	7,947	9,518	32,223	22,639	6,822
19:Case 19	18,583	20,250	26,103	73,470	51,804	22,006
20:Case 20	21,303	20,560	26,206	51,723	33,828	23,839
21:Case 21	28,986	29,740	30,593	48,986	38,833	26,609
22:Case 22	6,491	11,542	11,489	53,369	21,870	14,405
23:Case 23	1,888	6,923	10,036	55,725	19,660	6,041
24:Case 24	12,928	7,079	14,067	60,243	32,725	8,763
25:Case 25	17,407	16,439	11,110	53,197	20,866	16,359
26:Case 26	9,635	7,951	11,127	44,301	30,914	6,208
27:Case 27	18,416	15,006	28,777	50,182	29,688	11,090
28:Case 28	4,966	11,709	11,406	45,137	21,541	6,405
29:Case 29	42,298	30,348	43,875	40,667	52,971	34,119
30:Case 30	76,826	61,378	86,352	85,992	73,280	70,522
31:Case 31	6,470	14,089	7,146	47,856	18,562	13,207
32:Case 32	28,415	16,369	31,820	49,184	39,458	18,187
33:Case 33	5,034	6,666	8,381	63,856	31,017	6,120
34:Case 34	13,564	26,221	21,558	89,742	37,293	25,370
35:Case 35	6,819	12,674	6,143	43,904	20,935	6,810
36:Case 36	12,561	15,148	12,808	39,893	29,889	10,673
37:Case 37	19,651	16,249	21,811	31,712	34,354	10,971
38:Case 38	32,120	23,701	29,645	36,299	32,363	18,984
39:Case 39	28,288	30,045	35,948	49,083	38,595	28,486
40:Case 40	14,795	3,764	17,523	37,521	26,666	7,437
41:Case 41	8,149	11,264	9,435	41,018	15,545	6,018
42:Case 42	5,359	7,126	12,163	52,266	20,129	8,810
43:Case 43	12,653	10,185	22,383	62,441	43,119	9,060
44:Case 44	41,919	30,840	46,242	36,429	42,586	28,953
45:Case 45	9,151	10,134	15,955	62,381	25,717	13,615
46:Case 46	20,928	21,655	26,370	86,049	56,392	19,161
47:Case 47	9,892	15,046	10,606	49,046	26,034	9,800
48:Case 48	33,373	35,241	26,971	35,536	43,180	29,906
49:Case 49	6,361	16,546	9,289	41,269	17,788	11,301
50:Case 50	,000	5,976	8,295	52,076	21,279	5,094
51:Case 51	5,976	,000	9,941	45,232	22,551	3,297
52:Case 52	8,295	9,941	,000	41,812	20,038	8,440
53:Case 53	52,076	45,232	41,812	,000	26,846	41,943
54:Case 54	21,279	22,551	20,038	26,846	,000	19,872
55:Case 55	5,094	3,297	8,440	41,943	19,872	,000

Dies ist eine Unahnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	50:Case 50	51:Case 51	52:Case 52	53:Case 53	54:Case 54	55:Case 55
56:Case 56	18,581	15,951	19,365	48,470	26,861	15,557
57:Case 57	8,814	12,990	18,704	42,028	18,575	8,457
58:Case 58	20,294	10,725	15,906	46,645	30,020	8,046
59:Case 59	39,931	30,422	24,568	29,971	44,604	28,495
60:Case 60	11,263	11,393	15,388	54,235	29,854	14,874
61:Case 61	18,566	6,617	17,736	50,563	32,463	8,678
62:Case 62	14,285	9,870	8,350	29,655	15,423	11,312
63:Case 63	23,625	11,581	22,176	55,792	35,725	12,181
64:Case 64	10,257	11,881	11,086	25,909	8,466	10,196
65:Case 65	30,575	26,701	22,370	54,841	36,502	22,575
66:Case 66	32,667	30,691	44,454	32,960	37,502	25,355
67:Case 67	6,031	16,217	11,491	52,191	18,113	12,768
68:Case 68	6,225	8,639	6,894	39,361	18,326	2,774
69:Case 69	11,460	24,117	11,567	60,656	24,161	21,470
70:Case 70	7,791	15,393	12,740	47,012	17,856	10,089
71:Case 71	13,802	23,128	10,660	41,159	23,205	17,206
72:Case 72	14,762	22,207	13,054	29,641	12,373	18,758
73:Case 73	25,674	24,498	16,433	26,810	14,936	19,346
74:Case 74	14,824	12,140	16,097	64,903	41,415	11,257
75:Case 75	14,754	21,484	15,635	65,474	33,117	20,109
76:Case 76	22,872	15,998	13,951	41,698	39,327	13,077
77:Case 77	11,796	10,701	8,589	26,255	12,629	7,404
78:Case 78	4,407	4,253	4,349	40,754	15,615	3,370
79:Case 79	18,670	26,384	13,406	33,281	17,340	24,547
80:Case 80	12,020	10,254	6,085	28,577	17,862	9,129

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	56:Case 56	57:Case 57	58:Case 58	59:Case 59	60:Case 60	61:Case 61
1:Case 1	49,145	26,483	34,153	33,920	46,910	34,656
2:Case 2	51,576	32,234	44,741	31,343	42,377	43,141
3:Case 3	19,482	13,795	30,289	34,004	18,958	32,105
4:Case 4	19,349	7,727	15,170	27,387	17,621	10,673
5:Case 5	18,445	9,546	28,270	44,399	18,382	23,596
6:Case 6	24,807	11,199	40,450	50,459	23,550	37,430
7:Case 7	49,604	25,079	29,418	21,368	46,459	31,199
8:Case 8	20,856	9,848	13,693	24,367	14,667	10,837
9:Case 9	18,282	9,327	14,399	27,429	21,316	9,607
10:Case 10	31,327	19,261	25,746	48,365	21,565	29,784
11:Case 11	17,483	5,243	31,356	41,100	20,756	22,486
12:Case 12	38,664	23,910	23,981	12,750	32,100	22,647
13:Case 13	33,982	22,329	20,369	25,364	26,158	19,930
14:Case 14	23,711	14,739	34,436	34,866	25,144	36,335
15:Case 15	27,002	15,249	37,994	55,423	16,731	36,032
16:Case 16	24,873	18,567	34,708	54,284	12,906	23,415
17:Case 17	39,628	19,470	47,038	59,745	28,445	38,081
18:Case 18	24,402	11,163	13,346	18,321	14,565	11,158
19:Case 19	47,740	31,863	34,625	42,354	27,054	34,941
20:Case 20	29,726	21,045	47,332	50,951	27,481	32,993
21:Case 21	32,448	22,578	45,086	48,665	23,508	39,598
22:Case 22	17,426	10,229	35,545	45,406	8,676	23,200
23:Case 23	16,693	9,761	21,645	44,264	12,600	19,514
24:Case 24	12,345	21,742	14,710	43,168	13,865	9,072
25:Case 25	29,760	28,931	15,674	42,527	20,359	19,972
26:Case 26	23,165	9,312	17,833	24,353	15,745	11,265
27:Case 27	19,028	13,816	19,485	50,464	19,207	16,745
28:Case 28	23,172	6,416	21,660	33,878	17,159	20,590
29:Case 29	70,330	44,857	35,160	22,664	55,777	34,581
30:Case 30	68,388	60,019	72,677	85,970	61,694	47,818
31:Case 31	17,039	13,716	33,728	45,595	11,527	30,433
32:Case 32	27,865	21,697	26,931	38,037	27,831	18,142
33:Case 33	16,573	12,934	18,549	38,938	12,789	13,690
34:Case 34	34,676	27,116	50,155	75,754	22,850	46,479
35:Case 35	30,791	11,982	17,258	27,119	22,749	20,001
36:Case 36	30,139	18,723	18,461	24,098	26,781	20,730
37:Case 37	29,935	17,785	17,685	24,623	26,148	21,933
38:Case 38	29,421	26,445	19,239	32,770	38,269	14,214
39:Case 39	42,732	16,986	41,591	47,521	23,668	26,469
40:Case 40	18,824	16,300	12,659	27,470	16,933	6,266
41:Case 41	29,273	12,426	14,451	26,785	23,383	19,827
42:Case 42	9,012	9,156	27,386	53,290	5,903	18,073
43:Case 43	36,291	16,612	15,605	32,367	27,545	10,982
44:Case 44	57,070	29,014	34,073	35,179	49,358	27,825
45:Case 45	12,174	15,603	31,407	60,596	8,833	19,439
46:Case 46	51,871	36,560	22,477	40,409	44,657	26,924
47:Case 47	34,868	14,401	17,589	32,640	21,900	17,178
48:Case 48	48,757	33,698	32,011	33,479	37,829	40,207
49:Case 49	32,914	13,379	24,116	36,450	22,291	29,440
50:Case 50	18,581	8,814	20,294	39,931	11,263	18,566
51:Case 51	15,951	12,990	10,725	30,422	11,393	6,617
52:Case 52	19,365	18,704	15,906	24,568	15,388	17,736
53:Case 53	48,470	42,028	46,645	29,971	54,235	50,563
54:Case 54	26,861	18,575	30,020	44,604	29,854	32,463
55:Case 55	15,557	8,457	8,046	28,495	14,874	8,678

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	56:Case 56	57:Case 57	58:Case 58	59:Case 59	60:Case 60	61:Case 61
56:Case 56	,000	18,521	31,932	51,933	13,737	24,893
57:Case 57	18,521	,000	28,730	44,397	15,219	18,421
58:Case 58	31,932	28,730	,000	22,190	30,475	10,030
59:Case 59	51,933	44,397	22,190	,000	52,362	27,499
60:Case 60	13,737	15,219	30,475	52,362	,000	21,002
61:Case 61	24,893	18,421	10,030	27,499	21,002	,000
62:Case 62	23,764	15,653	16,789	17,747	22,184	11,742
63:Case 63	21,032	20,688	15,010	33,231	27,867	3,727
64:Case 64	15,490	7,662	25,614	34,500	13,434	20,556
65:Case 65	55,394	33,385	18,786	21,228	43,022	25,988
66:Case 66	43,947	24,129	36,688	31,277	49,520	38,335
67:Case 67	27,867	9,828	33,284	52,618	14,995	30,450
68:Case 68	23,769	9,589	11,124	24,270	18,876	14,323
69:Case 69	29,594	23,216	40,893	51,458	20,017	40,358
70:Case 70	20,346	5,082	31,221	46,421	16,052	24,274
71:Case 71	25,043	12,769	37,997	39,972	18,849	34,526
72:Case 72	32,055	19,267	32,511	34,396	23,334	37,211
73:Case 73	37,389	22,450	21,812	23,521	38,877	25,133
74:Case 74	42,750	28,656	11,435	25,107	34,087	16,069
75:Case 75	19,552	17,315	41,941	54,443	13,338	32,578
76:Case 76	38,666	26,766	9,854	10,812	30,540	13,540
77:Case 77	26,105	14,218	10,785	16,931	22,973	15,046
78:Case 78	21,193	11,421	9,757	25,377	12,694	11,174
79:Case 79	39,929	21,607	37,499	41,556	21,039	36,599
80:Case 80	26,714	13,470	14,687	15,645	18,968	12,126

Dies ist eine Unähnlichkeitsmatrix

Nahrungsmatrix

Fall	Quadiertes euklidisches Distanzma					
	62:Case 62	63:Case 63	64:Case 64	65:Case 65	66:Case 66	67:Case 67
1:Case 1	31,308	44,489	22,781	28,378	27,237	37,555
2:Case 2	24,761	56,702	22,969	28,419	35,441	33,630
3:Case 3	20,536	38,657	6,769	29,718	30,732	15,324
4:Case 4	7,927	13,877	11,939	17,091	26,902	11,449
5:Case 5	10,987	27,177	5,234	32,771	37,015	7,746
6:Case 6	26,139	41,645	15,326	36,077	36,597	9,340
7:Case 7	14,372	36,111	26,527	20,133	22,432	27,400
8:Case 8	5,622	14,659	11,086	17,684	32,464	9,431
9:Case 9	8,587	12,193	13,835	17,834	25,062	17,488
10:Case 10	27,005	41,783	15,450	24,871	34,433	18,308
11:Case 11	12,910	25,072	8,810	28,922	23,174	12,702
12:Case 12	11,766	29,479	18,395	17,484	27,134	34,827
13:Case 13	8,219	23,375	23,362	19,450	41,991	24,091
14:Case 14	19,681	42,027	6,772	28,856	30,571	14,707
15:Case 15	25,655	45,695	14,725	32,915	43,273	5,174
16:Case 16	20,178	27,887	21,623	35,442	52,643	13,116
17:Case 17	30,642	50,775	20,435	31,082	39,707	19,783
18:Case 18	6,961	18,551	11,084	11,346	23,572	16,118
19:Case 19	34,859	50,349	33,905	28,992	37,163	24,732
20:Case 20	24,935	42,213	18,453	43,590	41,272	22,169
21:Case 21	33,877	51,836	21,769	32,010	36,823	27,285
22:Case 22	13,676	26,870	10,230	37,399	40,277	8,429
23:Case 23	16,980	24,572	8,773	32,329	36,757	7,772
24:Case 24	20,325	11,563	19,016	43,686	51,560	26,307
25:Case 25	15,526	25,833	22,962	29,718	59,954	21,200
26:Case 26	10,558	17,181	14,089	16,504	25,644	15,667
27:Case 27	27,916	21,348	17,809	40,082	33,252	29,228
28:Case 28	14,372	27,219	10,628	20,155	23,873	8,430
29:Case 29	32,343	46,870	41,256	38,304	25,805	51,308
30:Case 30	57,308	45,802	63,823	89,405	78,865	96,411
31:Case 31	18,077	35,491	7,540	39,081	45,102	4,350
32:Case 32	23,026	24,203	24,463	27,427	29,861	38,509
33:Case 33	14,061	13,951	18,167	29,865	40,604	13,633
34:Case 34	39,250	55,845	26,673	50,431	66,044	10,220
35:Case 35	12,119	25,212	11,983	19,820	33,420	7,297
36:Case 36	16,353	22,195	18,733	35,525	29,875	20,231
37:Case 37	23,461	26,032	17,666	32,836	21,181	27,174
38:Case 38	23,100	15,438	23,519	47,117	41,043	44,722
39:Case 39	24,421	33,428	27,901	38,050	34,995	31,239
40:Case 40	11,485	12,464	15,110	26,817	26,611	26,678
41:Case 41	14,229	26,515	9,309	18,090	27,120	9,971
42:Case 42	17,077	20,565	9,108	45,162	43,991	9,091
43:Case 43	18,110	16,658	27,772	22,536	27,747	26,837
44:Case 44	31,190	40,449	29,877	30,744	26,818	47,026
45:Case 45	20,869	22,868	15,555	51,377	53,953	14,526
46:Case 46	30,036	29,512	47,708	33,214	43,652	35,107
47:Case 47	16,251	23,007	14,878	28,492	42,729	12,013
48:Case 48	24,398	44,248	32,568	31,715	46,770	37,554
49:Case 49	15,158	35,270	12,144	27,807	35,435	5,494
50:Case 50	14,285	23,625	10,257	30,575	32,667	6,031
51:Case 51	9,870	11,581	11,881	26,701	30,691	16,217
52:Case 52	8,350	22,176	11,086	22,370	44,454	11,491
53:Case 53	29,655	55,792	25,909	54,841	32,960	52,191
54:Case 54	15,423	35,725	8,466	36,502	37,502	18,113
55:Case 55	11,312	12,181	10,196	22,575	25,355	12,768

Dies ist eine Unahnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	62:Case 62	63:Case 63	64:Case 64	65:Case 65	66:Case 66	67:Case 67
56:Case 56	23,764	21,032	15,490	55,394	43,947	27,867
57:Case 57	15,653	20,688	7,662	33,385	24,129	9,828
58:Case 58	16,789	15,010	25,614	18,786	36,688	33,284
59:Case 59	17,747	33,231	34,500	21,228	31,277	52,618
60:Case 60	22,184	27,867	13,434	43,022	49,520	14,995
61:Case 61	11,742	3,727	20,556	25,988	38,335	30,450
62:Case 62	,000	13,991	11,956	17,648	30,394	20,195
63:Case 63	13,991	,000	25,671	35,514	41,517	38,076
64:Case 64	11,956	25,671	,000	34,274	31,108	9,780
65:Case 65	17,648	35,514	34,274	,000	37,923	34,726
66:Case 66	30,394	41,517	31,108	37,923	,000	44,663
67:Case 67	20,195	38,076	9,780	34,726	44,663	,000
68:Case 68	12,333	20,393	8,649	18,158	26,486	9,690
69:Case 69	26,423	47,927	16,229	43,418	54,382	8,264
70:Case 70	17,197	30,045	7,803	30,575	35,240	4,746
71:Case 71	17,868	40,537	11,540	28,688	39,964	7,770
72:Case 72	17,118	45,696	11,514	29,869	31,361	10,369
73:Case 73	6,456	25,922	20,661	17,595	33,566	26,329
74:Case 74	17,760	21,128	33,082	20,372	35,561	27,512
75:Case 75	23,233	38,003	20,376	34,285	49,715	14,277
76:Case 76	13,275	19,137	24,950	12,388	35,183	32,577
77:Case 77	5,400	18,549	11,151	16,757	22,328	16,630
78:Case 78	7,113	17,091	9,245	16,895	30,734	9,094
79:Case 79	17,810	46,697	11,912	35,394	53,112	9,950
80:Case 80	2,183	17,801	10,713	13,061	29,315	15,363

Dies ist eine Unähnlichkeitsmatrix

Nahrungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	68:Case 68	69:Case 69	70:Case 70	71:Case 71	72:Case 72	73:Case 73
1:Case 1	21,944	57,470	28,430	31,997	39,650	37,826
2:Case 2	28,472	47,884	26,280	21,669	29,649	31,431
3:Case 3	11,239	19,665	9,637	6,970	11,890	23,826
4:Case 4	4,517	18,733	6,703	11,800	18,298	16,520
5:Case 5	11,873	13,091	6,173	12,563	10,651	16,248
6:Case 6	13,897	20,617	5,323	4,249	19,423	30,691
7:Case 7	16,624	26,682	25,103	25,931	14,352	13,141
8:Case 8	4,063	14,762	8,824	10,915	14,139	13,086
9:Case 9	7,355	25,390	8,304	15,366	22,455	15,621
10:Case 10	14,106	24,664	14,960	23,501	21,262	36,549
11:Case 11	12,619	20,604	4,220	10,580	15,788	19,003
12:Case 12	19,157	46,458	28,119	22,779	25,636	14,234
13:Case 13	17,678	32,871	22,165	18,431	21,229	6,382
14:Case 14	12,183	18,190	9,722	7,212	10,251	22,029
15:Case 15	14,237	11,003	5,780	7,501	13,375	34,714
16:Case 16	19,233	13,339	16,518	20,886	21,846	36,115
17:Case 17	24,381	29,629	12,513	19,755	26,274	41,740
18:Case 18	6,614	26,257	12,716	12,553	16,368	14,478
19:Case 19	20,267	25,658	26,790	27,814	25,493	51,575
20:Case 20	26,309	32,488	13,284	17,937	30,692	41,291
21:Case 21	25,173	36,613	16,545	14,946	28,835	43,823
22:Case 22	15,122	10,001	9,976	12,387	14,481	28,810
23:Case 23	7,173	13,348	7,247	15,542	18,948	30,116
24:Case 24	16,051	29,204	21,794	32,738	36,686	36,970
25:Case 25	18,098	22,768	24,620	28,765	21,642	18,712
26:Case 26	7,340	26,899	10,007	11,827	22,679	21,087
27:Case 27	17,150	43,863	19,124	32,925	39,395	37,079
28:Case 28	4,969	16,572	3,684	7,922	14,420	20,398
29:Case 29	32,269	60,260	54,172	55,162	37,746	43,816
30:Case 30	79,850	111,828	86,498	101,768	99,147	75,901
31:Case 31	11,357	5,142	7,752	7,331	9,935	29,466
32:Case 32	24,867	56,515	25,185	31,817	45,164	36,982
33:Case 33	9,819	18,067	14,478	18,930	24,245	26,727
34:Case 34	23,631	8,342	14,133	19,212	23,365	53,358
35:Case 35	2,393	13,806	10,188	11,255	12,005	15,839
36:Case 36	9,126	22,258	24,275	25,323	18,177	22,402
37:Case 37	10,764	39,489	27,078	27,696	26,808	30,454
38:Case 38	22,669	52,626	32,465	44,505	45,104	28,772
39:Case 39	28,582	41,170	26,624	30,761	30,282	29,757
40:Case 40	14,421	38,286	19,561	27,784	29,928	25,548
41:Case 41	1,601	15,376	11,491	15,543	11,401	19,373
42:Case 42	14,152	16,011	9,208	16,861	20,804	31,033
43:Case 43	13,174	41,228	21,389	31,117	37,853	29,256
44:Case 44	29,160	70,677	34,105	42,444	48,244	37,811
45:Case 45	20,599	18,790	13,000	23,155	27,097	36,622
46:Case 46	21,632	37,613	39,151	45,075	38,964	38,065
47:Case 47	5,687	18,675	16,057	20,554	19,374	21,529
48:Case 48	28,359	55,608	38,212	29,318	36,980	21,522
49:Case 49	6,884	12,729	11,585	11,925	8,858	16,807
50:Case 50	6,225	11,460	7,791	13,802	14,762	25,674
51:Case 51	8,639	24,117	15,393	23,128	22,207	24,498
52:Case 52	6,894	11,567	12,740	10,660	13,054	16,433
53:Case 53	39,361	60,656	47,012	41,159	29,641	26,810
54:Case 54	18,326	24,161	17,856	23,205	12,373	14,936
55:Case 55	2,774	21,470	10,089	17,206	18,758	19,346

Dies ist eine Unahnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	68:Case 68	69:Case 69	70:Case 70	71:Case 71	72:Case 72	73:Case 73
56:Case 56	23,769	29,594	20,346	25,043	32,055	37,389
57:Case 57	9,589	23,216	5,082	12,769	19,267	22,450
58:Case 58	11,124	40,893	31,221	37,997	32,511	21,812
59:Case 59	24,270	51,458	46,421	39,972	34,396	23,521
60:Case 60	18,876	20,017	16,052	18,849	23,334	38,877
61:Case 61	14,323	40,358	24,274	34,526	37,211	25,133
62:Case 62	12,333	26,423	17,197	17,868	17,118	6,456
63:Case 63	20,393	47,927	30,045	40,537	45,696	25,922
64:Case 64	8,649	16,229	7,803	11,540	11,514	20,661
65:Case 65	18,158	43,418	30,575	28,688	29,869	17,595
66:Case 66	26,486	54,382	35,240	39,964	31,361	33,566
67:Case 67	9,690	8,264	4,746	7,770	10,369	26,329
68:Case 68	,000	15,714	8,654	12,789	13,001	17,799
69:Case 69	15,714	,000	13,521	13,238	9,047	36,047
70:Case 70	8,654	13,521	,000	5,097	14,577	23,223
71:Case 71	12,789	13,238	5,097	,000	11,152	21,529
72:Case 72	13,001	9,047	14,577	11,152	,000	18,682
73:Case 73	17,799	36,047	23,223	21,529	18,682	,000
74:Case 74	12,389	31,302	30,615	35,282	28,933	26,461
75:Case 75	21,241	15,873	8,617	7,846	21,681	34,129
76:Case 76	11,530	41,833	30,116	27,673	32,030	19,936
77:Case 77	5,857	21,173	17,341	18,390	9,711	7,116
78:Case 78	3,163	14,047	11,257	14,666	11,061	14,873
79:Case 79	17,452	15,339	17,384	12,844	8,737	20,180
80:Case 80	7,582	22,450	13,305	12,177	13,308	7,013

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß				
	74:Case 74	75:Case 75	76:Case 76	77:Case 77	78:Case 78
1:Case 1	46,370	47,838	25,279	30,497	30,102
2:Case 2	51,106	35,964	30,039	31,251	30,968
3:Case 3	41,193	16,761	25,810	16,308	15,638
4:Case 4	11,581	12,753	14,064	9,147	4,553
5:Case 5	31,049	16,199	34,157	12,085	9,328
6:Case 6	36,852	11,665	32,803	24,864	18,915
7:Case 7	18,320	36,460	26,971	9,410	16,539
8:Case 8	9,563	14,551	11,222	5,606	2,136
9:Case 9	15,978	14,676	16,606	11,043	8,009
10:Case 10	34,141	22,084	33,273	22,659	14,402
11:Case 11	31,530	11,533	32,159	15,366	13,273
12:Case 12	34,959	37,255	10,369	13,451	19,537
13:Case 13	22,580	25,796	15,275	9,817	12,956
14:Case 14	42,219	18,645	29,413	16,311	16,582
15:Case 15	32,685	7,731	37,794	24,264	13,807
16:Case 16	22,359	12,116	35,612	22,236	11,254
17:Case 17	47,295	16,661	46,301	34,274	24,735
18:Case 18	16,250	17,801	6,712	7,216	5,306
19:Case 19	20,126	24,720	31,067	29,449	18,766
20:Case 20	45,472	17,450	42,755	35,517	26,511
21:Case 21	53,155	15,141	36,246	35,609	28,561
22:Case 22	26,333	10,161	31,644	16,786	9,558
23:Case 23	21,039	15,151	26,104	15,982	6,698
24:Case 24	23,418	26,191	25,805	21,894	13,009
25:Case 25	22,520	27,937	27,493	13,475	9,832
26:Case 26	15,799	14,392	9,661	12,910	7,994
27:Case 27	37,567	31,199	29,395	25,018	19,708
28:Case 28	19,790	11,442	19,696	12,166	7,572
29:Case 29	26,527	70,483	27,850	25,965	30,903
30:Case 30	91,650	96,137	71,500	66,973	69,618
31:Case 31	29,295	11,266	31,682	17,079	9,538
32:Case 32	38,906	29,102	23,843	30,567	24,917
33:Case 33	11,198	15,703	19,003	13,763	6,051
34:Case 34	37,732	12,893	55,113	37,287	21,512
35:Case 35	11,638	22,693	13,356	6,503	4,212
36:Case 36	11,416	37,484	16,479	7,288	9,556
37:Case 37	22,832	42,379	12,020	13,504	14,953
38:Case 38	38,284	51,703	27,526	22,340	26,297
39:Case 39	39,477	31,845	34,780	23,115	24,752
40:Case 40	20,958	26,110	16,918	15,543	11,272
41:Case 41	14,312	25,637	15,308	6,517	4,145
42:Case 42	28,184	13,605	33,249	18,646	9,766
43:Case 43	10,817	30,701	14,771	18,592	13,210
44:Case 44	48,082	54,364	28,302	33,534	34,796
45:Case 45	31,975	14,662	41,414	25,093	14,417
46:Case 46	3,121	44,420	26,984	22,320	18,469
47:Case 47	14,712	31,689	15,606	9,398	6,887
48:Case 48	40,785	47,124	17,562	22,930	27,230
49:Case 49	18,497	24,708	22,070	8,305	6,740
50:Case 50	14,824	14,754	22,872	11,796	4,407
51:Case 51	12,140	21,484	15,998	10,701	4,253
52:Case 52	16,097	15,635	13,951	8,589	4,349
53:Case 53	64,903	65,474	41,698	26,255	40,754
54:Case 54	41,415	33,117	39,327	12,629	15,615
55:Case 55	11,257	20,109	13,077	7,404	3,370

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß				
	74:Case 74	75:Case 75	76:Case 76	77:Case 77	78:Case 78
56:Case 56	42,750	19,552	38,666	26,105	21,193
57:Case 57	28,656	17,315	26,766	14,218	11,421
58:Case 58	11,435	41,941	9,854	10,785	9,757
59:Case 59	25,107	54,443	10,812	16,931	25,377
60:Case 60	34,087	13,338	30,540	22,973	12,694
61:Case 61	16,069	32,578	13,540	15,046	11,174
62:Case 62	17,760	23,233	13,275	5,400	7,113
63:Case 63	21,128	38,003	19,137	18,549	17,091
64:Case 64	33,082	20,376	24,950	11,151	9,245
65:Case 65	20,372	34,285	12,388	16,757	16,895
66:Case 66	35,561	49,715	35,183	22,328	30,734
67:Case 67	27,512	14,277	32,577	16,630	9,094
68:Case 68	12,389	21,241	11,530	5,857	3,163
69:Case 69	31,302	15,873	41,833	21,173	14,047
70:Case 70	30,615	8,617	30,116	17,341	11,257
71:Case 71	35,282	7,846	27,673	18,390	14,666
72:Case 72	28,933	21,681	32,030	9,711	11,061
73:Case 73	26,461	34,129	19,936	7,116	14,873
74:Case 74	,000	37,579	14,013	12,288	9,226
75:Case 75	37,579	,000	37,853	28,302	18,302
76:Case 76	14,013	37,853	,000	11,734	12,019
77:Case 77	12,288	28,302	11,734	,000	3,765
78:Case 78	9,226	18,302	12,019	3,765	,000
79:Case 79	37,462	27,668	30,303	14,998	14,168
80:Case 80	15,495	20,108	8,433	4,157	4,930

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches	
	79:Case 79	80:Case 80
1:Case 1	44,608	26,803
2:Case 2	30,536	20,174
3:Case 3	17,350	15,009
4:Case 4	24,087	6,602
5:Case 5	14,538	12,403
6:Case 6	25,137	20,448
7:Case 7	27,486	13,221
8:Case 8	15,363	3,357
9:Case 9	30,126	8,203
10:Case 10	31,058	23,359
11:Case 11	25,340	13,467
12:Case 12	23,376	7,946
13:Case 13	17,082	5,095
14:Case 14	17,593	15,953
15:Case 15	20,970	20,905
16:Case 16	27,367	20,480
17:Case 17	35,797	27,855
18:Case 18	17,861	3,059
19:Case 19	39,886	27,450
20:Case 20	36,676	24,551
21:Case 21	36,705	26,631
22:Case 22	17,049	13,978
23:Case 23	23,099	15,655
24:Case 24	37,616	20,627
25:Case 25	19,351	14,202
26:Case 26	24,975	6,575
27:Case 27	41,978	24,956
28:Case 28	20,209	9,621
29:Case 29	48,214	29,383
30:Case 30	87,931	64,698
31:Case 31	12,971	15,812
32:Case 32	51,192	22,714
33:Case 33	27,883	13,422
34:Case 34	32,036	35,276
35:Case 35	13,229	7,287
36:Case 36	22,146	13,147
37:Case 37	30,747	17,760
38:Case 38	43,696	22,716
39:Case 39	27,889	19,579
40:Case 40	34,374	11,950
41:Case 41	17,732	10,420
42:Case 42	21,730	17,379
43:Case 43	41,021	14,985
44:Case 44	49,778	26,686
45:Case 45	28,023	22,030
46:Case 46	51,546	27,689
47:Case 47	13,928	10,478
48:Case 48	26,357	17,757
49:Case 49	8,739	10,326
50:Case 50	18,670	12,020
51:Case 51	26,384	10,254
52:Case 52	13,406	6,085
53:Case 53	33,281	28,577
54:Case 54	17,340	17,862
55:Case 55	24,547	9,129

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches	
	79:Case 79	80:Case 80
56:Case 56	39,929	26,714
57:Case 57	21,607	13,470
58:Case 58	37,499	14,687
59:Case 59	41,556	15,645
60:Case 60	21,039	18,968
61:Case 61	36,599	12,126
62:Case 62	17,810	2,183
63:Case 63	46,697	17,801
64:Case 64	11,912	10,713
65:Case 65	35,394	13,061
66:Case 66	53,112	29,315
67:Case 67	9,950	15,363
68:Case 68	17,452	7,582
69:Case 69	15,339	22,450
70:Case 70	17,384	13,305
71:Case 71	12,844	12,177
72:Case 72	8,737	13,308
73:Case 73	20,180	7,013
74:Case 74	37,462	15,495
75:Case 75	27,668	20,108
76:Case 76	30,303	8,433
77:Case 77	14,998	4,157
78:Case 78	14,168	4,930
79:Case 79	,000	12,119
80:Case 80	12,119	,000

Dies ist eine Unähnlichkeitsmatrix

Single Linkage

Zuordnungsübersicht

Schritt	Zusammengeführte Cluster		Koeffizienten	Erstes Vorkommen des Clusters		Nächster Schritt
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
1	41	68	1,601	0	0	9
2	4	9	1,601	0	0	5
3	3	14	1,721	0	0	47
4	23	50	1,888	0	0	29
5	4	8	2,121	2	0	6
6	4	78	2,136	5	0	15
7	42	45	2,149	0	0	41
8	62	80	2,183	0	0	12
9	35	41	2,393	0	1	11
10	18	26	2,551	0	0	12
11	35	55	2,774	9	0	14
12	18	62	3,059	10	8	17
13	46	74	3,121	0	0	60
14	35	49	3,146	11	0	15
15	4	35	3,163	6	14	16
16	4	51	3,297	15	0	17
17	4	18	3,304	16	12	18
18	4	52	3,449	17	0	21
19	28	70	3,684	0	0	23
20	61	63	3,727	0	0	44

Zuordnungsübersicht

Schritt	Zusammengeführte Cluster		Koeffizienten	Erstes Vorkommen des Clusters		Nächster Schritt
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
21	4	40	3,764	18	0	22
22	4	77	3,765	21	0	23
23	4	28	3,878	22	19	24
24	4	47	3,995	23	0	25
25	4	33	4,211	24	0	26
26	4	11	4,220	25	0	29
27	6	71	4,249	0	0	36
28	31	67	4,350	0	0	30
29	4	23	4,407	26	4	30
30	4	31	4,746	29	28	33
31	16	22	4,848	0	0	33
32	5	54	4,860	0	0	39
33	4	16	4,961	30	31	34
34	4	57	5,082	33	0	35
35	4	13	5,095	34	0	36
36	4	6	5,097	35	27	37
37	4	69	5,142	36	0	38
38	4	15	5,174	37	0	40
39	5	64	5,234	32	0	40
40	4	5	5,299	38	39	41
41	4	42	5,359	40	7	42
42	4	34	5,801	41	0	43
43	4	60	5,903	42	0	44
44	4	61	6,266	43	20	45
45	4	73	6,382	44	0	46
46	4	76	6,712	45	0	47
47	3	4	6,769	3	46	48
48	3	36	6,889	47	0	49
49	3	24	7,079	48	0	50
50	3	12	7,191	49	0	51
51	3	43	7,209	50	0	52
52	3	75	7,731	51	0	53
53	3	32	7,879	52	0	54
54	3	58	8,046	53	0	57
55	1	44	8,441	0	0	70
56	72	79	8,737	0	0	57
57	3	72	8,739	54	56	59
58	10	17	8,916	0	0	63
59	3	56	9,012	57	0	60
60	3	46	9,226	59	13	61
61	3	7	9,410	60	0	62
62	3	25	9,832	61	0	63
63	3	10	10,001	62	58	64
64	3	21	10,704	63	0	65
65	3	37	10,764	64	0	66
66	3	59	10,812	65	0	67
67	3	27	11,090	66	0	68
68	3	65	11,346	67	0	69
69	3	20	11,861	68	0	71
70	1	2	12,856	55	0	71
71	1	3	13,540	70	69	72
72	1	38	14,214	71	0	73
73	1	48	14,976	72	0	74
74	1	19	16,259	73	0	75

Zuordnungsübersicht

Schritt	Zusammengeführte Cluster		Koeffizienten	Erstes Vorkommen des Clusters		Nächster Schritt
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
75	1	39	16,986	74	0	76
76	1	53	17,254	75	0	77
77	1	66	21,181	76	0	78
78	1	29	22,664	77	0	79
79	1	30	45,791	78	0	0

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	30:Case 30		29:Case 29		66:Case 66		53:Case 53		39:Case 39		19:Case 19		48:Case 48		38:Case 38	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	30:Case 30		29:Case 29		66:Case 66		53:Case 53		39:Case 39		19:Case 19		48:Case 48		38:Case 38
53	X		X		X		X		X		X		X		X
54	X		X		X		X		X		X		X		X
55	X		X		X		X		X		X		X		X
56	X		X		X		X		X		X		X		X
57	X		X		X		X		X		X		X		X
58	X		X		X		X		X		X		X		X
59	X		X		X		X		X		X		X		X
60	X		X		X		X		X		X		X		X
61	X		X		X		X		X		X		X		X
62	X		X		X		X		X		X		X		X
63	X		X		X		X		X		X		X		X
64	X		X		X		X		X		X		X		X
65	X		X		X		X		X		X		X		X
66	X		X		X		X		X		X		X		X
67	X		X		X		X		X		X		X		X
68	X		X		X		X		X		X		X		X
69	X		X		X		X		X		X		X		X
70	X		X		X		X		X		X		X		X
71	X		X		X		X		X		X		X		X
72	X		X		X		X		X		X		X		X
73	X		X		X		X		X		X		X		X
74	X		X		X		X		X		X		X		X
75	X		X		X		X		X		X		X		X
76	X		X		X		X		X		X		X		X
77	X		X		X		X		X		X		X		X
78	X		X		X		X		X		X		X		X
79	X		X		X		X		X		X		X		X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	20:Case 20		65:Case 65		27:Case 27		59:Case 59		37:Case 37		21:Case 21		17:Case 17		10:Case 10	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	20:Case 20		65:Case 65		27:Case 27		59:Case 59		37:Case 37		21:Case 21		17:Case 17		10:Case 10
53	X		X		X		X		X		X		X		X
54	X		X		X		X		X		X		X		X
55	X		X		X		X		X		X		X		X
56	X		X		X		X		X		X		X		X
57	X		X		X		X		X		X		X		X
58	X		X		X		X		X		X		X		X
59	X		X		X		X		X		X		X		X
60	X		X		X		X		X		X		X		X
61	X		X		X		X		X		X		X		X
62	X		X		X		X		X		X		X		X
63	X		X		X		X		X		X		X		X
64	X		X		X		X		X		X		X		X
65	X		X		X		X		X		X		X		X
66	X		X		X		X		X		X		X		X
67	X		X		X		X		X		X		X		X
68	X		X		X		X		X		X		X		X
69	X		X		X		X		X		X		X		X
70	X		X		X		X		X		X		X		X
71	X		X		X		X		X		X		X		X
72	X		X		X		X		X		X		X		X
73	X		X		X		X		X		X		X		X
74	X		X		X		X		X		X		X		X
75	X		X		X		X		X		X		X		X
76	X		X		X		X		X		X		X		X
77	X		X		X		X		X		X		X		X
78	X		X		X		X		X		X		X		X
79	X		X		X		X		X		X		X		X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	25:Case 25		7:Case 7		74:Case 74		46:Case 46		56:Case 56		79:Case 79		72:Case 72		58:Case 58	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	25:Case 25		7:Case 7		74:Case 74		46:Case 46		56:Case 56		79:Case 79		72:Case 72		58:Case 58	
53	X		X		X	X	X		X		X		X		X	
54	X		X		X	X	X		X		X		X		X	
55	X		X		X	X	X		X		X		X		X	
56	X		X		X	X	X		X		X		X		X	
57	X		X		X	X	X		X		X		X		X	
58	X		X		X	X	X		X		X		X		X	
59	X		X		X	X	X		X		X		X		X	
60	X		X		X	X	X		X		X		X		X	
61	X		X		X	X	X		X		X		X		X	
62	X		X		X	X	X		X		X		X		X	
63	X		X		X	X	X		X		X		X		X	
64	X		X		X	X	X		X		X		X		X	
65	X		X		X	X	X		X		X		X		X	
66	X		X		X	X	X		X		X		X		X	
67	X		X		X	X	X		X		X		X		X	
68	X		X		X	X	X		X		X		X		X	
69	X		X		X	X	X		X		X		X		X	
70	X		X		X	X	X		X		X		X		X	
71	X		X		X	X	X		X		X		X		X	
72	X		X		X	X	X		X		X		X		X	
73	X		X		X	X	X		X		X		X		X	
74	X		X		X	X	X		X		X		X		X	
75	X		X		X	X	X		X		X		X		X	
76	X		X		X	X	X		X		X		X		X	
77	X		X		X	X	X		X		X		X		X	
78	X		X		X	X	X		X		X		X		X	
79	X		X		X	X	X		X		X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	32:Case 32		75:Case 75		43:Case 43		12:Case 12		24:Case 24		36:Case 36		76:Case 76		73:Case 73	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	32:Case 32		75:Case 75		43:Case 43		12:Case 12		24:Case 24		36:Case 36		76:Case 76		73:Case 73
53	X		X		X		X		X		X		X		X
54	X		X		X		X		X		X		X		X
55	X		X		X		X		X		X		X		X
56	X		X		X		X		X		X		X		X
57	X		X		X		X		X		X		X		X
58	X		X		X		X		X		X		X		X
59	X		X		X		X		X		X		X		X
60	X		X		X		X		X		X		X		X
61	X		X		X		X		X		X		X		X
62	X		X		X		X		X		X		X		X
63	X		X		X		X		X		X		X		X
64	X		X		X		X		X		X		X		X
65	X		X		X		X		X		X		X		X
66	X		X		X		X		X		X		X		X
67	X		X		X		X		X		X		X		X
68	X		X		X		X		X		X		X		X
69	X		X		X		X		X		X		X		X
70	X		X		X		X		X		X		X		X
71	X		X		X		X		X		X		X		X
72	X		X		X		X		X		X		X		X
73	X		X		X		X		X		X		X		X
74	X		X		X		X		X		X		X		X
75	X		X		X		X		X		X		X		X
76	X		X		X		X		X		X		X		X
77	X		X		X		X		X		X		X		X
78	X		X		X		X		X		X		X		X
79	X		X		X		X		X		X		X		X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	63:Case 63		61:Case 61		60:Case 60		34:Case 34		45:Case 45		42:Case 42		64:Case 64		54:Case 54	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	63:Case 63		61:Case 61		60:Case 60		34:Case 34		45:Case 45		42:Case 42		64:Case 64		54:Case 54
53	X	X	X		X		X		X	X	X		X		X
54	X	X	X		X		X		X	X	X		X		X
55	X	X	X		X		X		X	X	X		X		X
56	X	X	X		X		X		X	X	X		X		X
57	X	X	X		X		X		X	X	X		X		X
58	X	X	X		X		X		X	X	X		X		X
59	X	X	X		X		X		X	X	X		X		X
60	X	X	X		X		X		X	X	X		X		X
61	X	X	X		X		X		X	X	X		X		X
62	X	X	X		X		X		X	X	X		X		X
63	X	X	X		X		X		X	X	X		X		X
64	X	X	X		X		X		X	X	X		X		X
65	X	X	X		X		X		X	X	X		X		X
66	X	X	X		X		X		X	X	X		X		X
67	X	X	X		X		X		X	X	X		X		X
68	X	X	X		X		X		X	X	X		X		X
69	X	X	X		X		X		X	X	X		X		X
70	X	X	X		X		X		X	X	X		X		X
71	X	X	X		X		X		X	X	X		X		X
72	X	X	X		X		X		X	X	X		X		X
73	X	X	X		X		X		X	X	X		X		X
74	X	X	X		X		X		X	X	X		X		X
75	X	X	X		X		X		X	X	X		X		X
76	X	X	X		X		X		X	X	X		X		X
77	X	X	X		X		X		X	X	X		X		X
78	X	X	X		X		X		X	X	X		X		X
79	X	X	X		X		X		X	X	X		X		X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	5:Case 5		15:Case 15		69:Case 69		71:Case 71		6:Case 6		13:Case 13		57:Case 57		22:Case 22	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall																
	5:Case 5		15:Case 15		69:Case 69		71:Case 71		6:Case 6		13:Case 13		57:Case 57		22:Case 22		
53	X		X		X		X	X		X		X		X		X	
54	X		X		X		X		X		X		X		X		X
55	X		X		X		X		X		X		X		X		X
56	X		X		X		X		X		X		X		X		X
57	X		X		X		X		X		X		X		X		X
58	X		X		X		X		X		X		X		X		X
59	X		X		X		X		X		X		X		X		X
60	X		X		X		X		X		X		X		X		X
61	X		X		X		X		X		X		X		X		X
62	X		X		X		X		X		X		X		X		X
63	X		X		X		X		X		X		X		X		X
64	X		X		X		X		X		X		X		X		X
65	X		X		X		X		X		X		X		X		X
66	X		X		X		X		X		X		X		X		X
67	X		X		X		X		X		X		X		X		X
68	X		X		X		X		X		X		X		X		X
69	X		X		X		X		X		X		X		X		X
70	X		X		X		X		X		X		X		X		X
71	X		X		X		X		X		X		X		X		X
72	X		X		X		X		X		X		X		X		X
73	X		X		X		X		X		X		X		X		X
74	X		X		X		X		X		X		X		X		X
75	X		X		X		X		X		X		X		X		X
76	X		X		X		X		X		X		X		X		X
77	X		X		X		X		X		X		X		X		X
78	X		X		X		X		X		X		X		X		X
79	X		X		X		X		X		X		X		X		X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	16:Case 16		67:Case 67		31:Case 31		50:Case 50		23:Case 23		11:Case 11		33:Case 33		47:Case 47	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	16:Case 16		67:Case 67		31:Case 31		50:Case 50		23:Case 23		11:Case 11		33:Case 33		47:Case 47	
53	X		X		X		X	X	X		X	X	X	X	X	X
54	X		X		X		X	X	X		X	X	X	X	X	X
55	X		X		X		X	X	X		X	X	X	X	X	X
56	X		X		X		X	X	X		X	X	X	X	X	X
57	X		X		X		X	X	X		X	X	X	X	X	X
58	X		X		X		X	X	X		X	X	X	X	X	X
59	X		X		X		X	X	X		X	X	X	X	X	X
60	X		X		X		X	X	X		X	X	X	X	X	X
61	X		X		X		X	X	X		X	X	X	X	X	X
62	X		X		X		X	X	X		X	X	X	X	X	X
63	X		X		X		X	X	X		X	X	X	X	X	X
64	X		X		X		X	X	X		X	X	X	X	X	X
65	X		X		X		X	X	X		X	X	X	X	X	X
66	X		X		X		X	X	X		X	X	X	X	X	X
67	X		X		X		X	X	X		X	X	X	X	X	X
68	X		X		X		X	X	X		X	X	X	X	X	X
69	X		X		X		X	X	X		X	X	X	X	X	X
70	X		X		X		X	X	X		X	X	X	X	X	X
71	X		X		X		X	X	X		X	X	X	X	X	X
72	X		X		X		X	X	X		X	X	X	X	X	X
73	X		X		X		X	X	X		X	X	X	X	X	X
74	X		X		X		X	X	X		X	X	X	X	X	X
75	X		X		X		X	X	X		X	X	X	X	X	X
76	X		X		X		X	X	X		X	X	X	X	X	X
77	X		X		X		X	X	X		X	X	X	X	X	X
78	X		X		X		X	X	X		X	X	X	X	X	X
79	X		X		X		X	X	X		X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	70:Case 70		28:Case 28		77:Case 77		40:Case 40		52:Case 52		80:Case 80		62:Case 62		26:Case 26	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	70:Case 70		28:Case 28		77:Case 77		40:Case 40		52:Case 52		80:Case 80		62:Case 62		26:Case 26	
53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
61	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
62	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
63	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
64	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
65	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
66	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
67	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
68	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
69	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
70	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
71	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
72	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
73	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
74	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
75	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
76	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
77	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
78	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
79	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	18:Case 18		51:Case 51		49:Case 49		55:Case 55		68:Case 68		41:Case 41		35:Case 35		78:Case 78	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	18:Case 18		51:Case 51		49:Case 49		55:Case 55		68:Case 68		41:Case 41		35:Case 35		78:Case 78	
53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
61	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
62	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
63	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
64	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
65	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
66	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
67	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
68	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
69	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
70	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
71	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
72	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
73	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
74	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
75	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
76	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
77	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
78	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
79	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	8:Case 8		9:Case 9		4:Case 4		14:Case 14		3:Case 3		2:Case 2		44:Case 44		1:Case 1
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

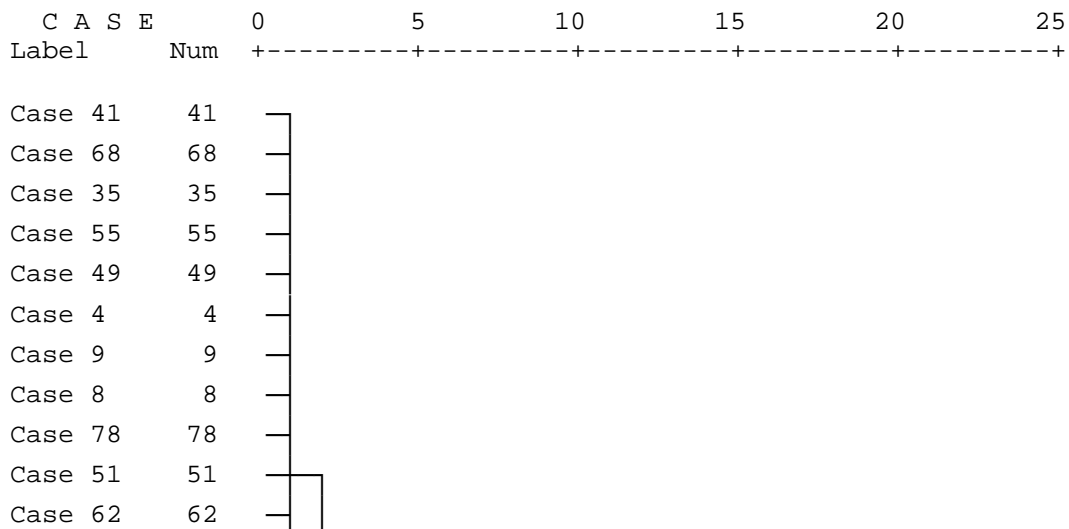
Anzahl der Cluster	Fall														
	8:Case 8		9:Case 9		4:Case 4		14:Case 14		3:Case 3		2:Case 2		44:Case 44		1:Case 1
53	X	X	X	X	X		X	X	X		X		X		X
54	X	X	X	X	X		X	X	X		X		X		X
55	X	X	X	X	X		X	X	X		X		X		X
56	X	X	X	X	X		X	X	X		X		X		X
57	X	X	X	X	X		X	X	X		X		X		X
58	X	X	X	X	X		X	X	X		X		X		X
59	X	X	X	X	X		X	X	X		X		X		X
60	X	X	X	X	X		X	X	X		X		X		X
61	X	X	X	X	X		X	X	X		X		X		X
62	X	X	X	X	X		X	X	X		X		X		X
63	X	X	X	X	X		X	X	X		X		X		X
64	X	X	X	X	X		X	X	X		X		X		X
65	X	X	X	X	X		X	X	X		X		X		X
66	X	X	X	X	X		X	X	X		X		X		X
67	X	X	X	X	X		X	X	X		X		X		X
68	X	X	X	X	X		X	X	X		X		X		X
69	X	X	X	X	X		X	X	X		X		X		X
70	X	X	X	X	X		X	X	X		X		X		X
71	X	X	X	X	X		X	X	X		X		X		X
72	X	X	X	X	X		X	X	X		X		X		X
73	X	X	X	X	X		X	X	X		X		X		X
74	X	X	X	X	X		X	X	X		X		X		X
75	X	X	X	X	X		X	X	X		X		X		X
76	X		X	X	X		X	X	X		X		X		X
77	X		X	X	X		X	X	X		X		X		X
78	X		X	X	X		X		X		X		X		X
79	X		X		X		X		X		X		X		X

Dendrogramm

* * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * *

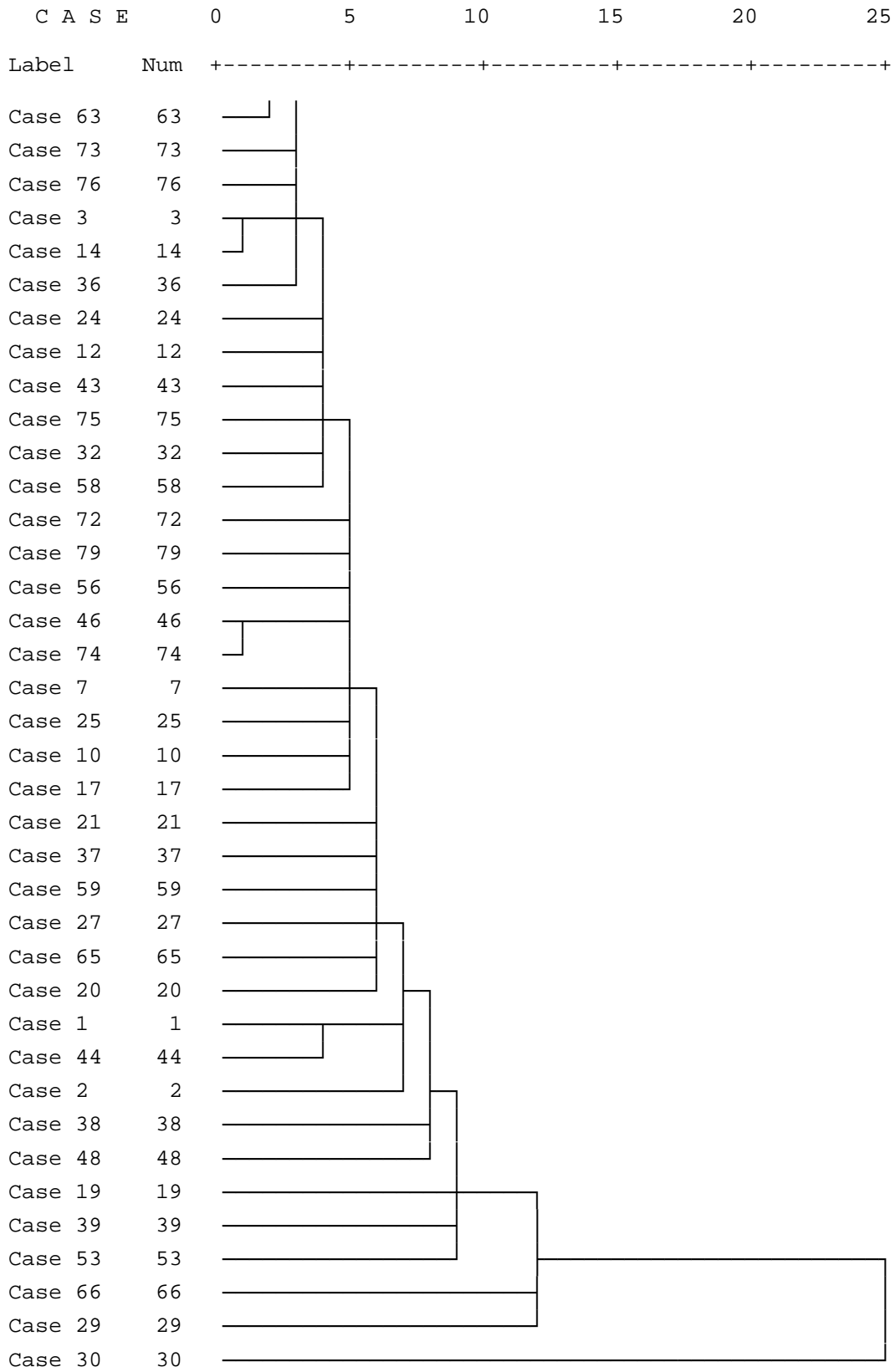
Dendrogram using Single Linkage

Rescaled Distance Cluster Combine



Case 80	80	
Case 18	18	
Case 26	26	
Case 52	52	
Case 40	40	
Case 77	77	
Case 28	28	
Case 70	70	
Case 47	47	
Case 33	33	
Case 11	11	
Case 23	23	
Case 50	50	
Case 31	31	
Case 67	67	
Case 16	16	
Case 22	22	
Case 57	57	
Case 13	13	
Case 6	6	
Case 71	71	
Case 69	69	
Case 15	15	
Case 5	5	
Case 54	54	
Case 64	64	
Case 42	42	
Case 45	45	
Case 34	34	
Case 60	60	
Case 61	61	

***** H I E R A R C H I C A L C L U S T E R A N A L Y S I S *****



Cluster

[DatenSet3] \\RPZMS000362\U_muehlbs1\$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_fertigeDateien\scientists results\User Analysis\Attitude.sav

Nherungsmatrix

Fall	Quadiertes euklidisches Distanzma						
	1:Case 1	2:Case 2	3:Case 3	4:Case 4	5:Case 5	6:Case 6	7:Case 7
1:Case 1	,000	15,730	24,891	29,695	39,048	31,387	54,349
2:Case 2	15,730	,000	22,629	33,030	35,636	29,269	49,505
3:Case 3	24,891	22,629	,000	19,740	16,819	12,186	39,788
4:Case 4	29,695	33,030	19,740	,000	11,236	14,654	21,758
5:Case 5	39,048	35,636	16,819	11,236	,000	19,876	28,775
6:Case 6	31,387	29,269	12,186	14,654	19,876	,000	44,714
7:Case 7	54,349	49,505	39,788	21,758	28,775	44,714	,000
8:Case 8	37,286	35,584	19,983	2,374	11,314	18,200	19,969
9:Case 9	29,262	33,001	20,349	1,633	12,060	18,315	22,967
10:Case 10	26,568	32,010	18,708	18,591	17,593	27,383	43,909
11:Case 11	30,035	30,359	15,305	7,101	5,992	13,695	24,764
12:Case 12	21,967	18,677	19,963	24,392	32,112	37,562	32,371
13:Case 13	53,531	40,806	29,065	17,490	23,707	34,319	25,348
14:Case 14	23,985	21,785	1,804	19,686	13,758	12,492	35,103
15:Case 15	39,228	31,353	15,897	15,071	14,531	7,616	43,084
16:Case 16	64,034	61,428	36,839	13,525	18,045	29,939	38,987
17:Case 17	28,766	26,784	24,962	21,701	19,984	23,505	47,588
18:Case 18	20,913	20,632	14,748	6,806	17,818	20,156	25,235
19:Case 19	30,546	18,341	26,838	20,873	22,568	18,450	53,839
20:Case 20	24,952	19,080	12,327	27,202	33,360	17,654	58,535
21:Case 21	50,794	44,008	24,376	10,814	10,556	21,588	33,122
22:Case 22	34,619	38,427	19,895	6,943	9,206	16,667	38,802
23:Case 23	53,870	59,517	33,513	14,971	22,143	37,839	53,876
24:Case 24	68,979	60,013	34,657	21,415	17,613	44,757	37,990
25:Case 25	22,546	24,295	18,675	3,674	20,116	14,765	29,399
26:Case 26	33,196	50,217	28,154	20,801	26,373	36,368	58,365
27:Case 27	26,913	26,769	13,479	4,340	12,097	10,314	23,777
28:Case 28	44,580	36,505	13,475	13,930	10,085	11,306	40,003
29:Case 29	16,670	25,560	30,129	19,875	34,090	32,476	59,539
30:Case 30	51,804	56,194	30,925	5,858	18,712	22,983	34,990
31:Case 31	68,763	59,782	34,003	24,232	22,871	21,072	55,427
32:Case 32	33,142	36,378	19,003	6,834	14,537	16,216	19,525
33:Case 33	53,047	58,620	33,623	17,766	29,398	35,763	20,164
34:Case 34	24,483	41,390	24,000	22,045	37,465	30,519	39,491
35:Case 35	47,852	60,481	40,125	28,962	33,420	57,774	45,706
36:Case 36	26,263	29,434	27,592	11,358	21,229	32,262	39,517
37:Case 37	23,514	33,432	15,339	8,098	12,956	19,185	20,710
38:Case 38	48,847	48,576	23,875	11,668	9,400	20,223	47,423
39:Case 39	37,642	46,854	44,998	10,337	33,555	36,679	32,834
40:Case 40	10,621	22,720	41,015	35,083	46,495	50,139	52,884
41:Case 41	62,626	57,076	32,911	15,663	12,436	28,962	52,082
42:Case 42	78,809	85,818	67,465	23,110	50,348	53,491	26,963
43:Case 43	46,206	53,687	30,850	14,584	21,519	32,989	27,792
44:Case 44	41,348	37,708	20,623	12,893	13,390	18,454	22,528
45:Case 45	40,140	39,869	21,841	5,517	10,647	16,565	29,322
46:Case 46	33,674	37,962	26,789	6,650	15,132	27,105	34,273
47:Case 47	43,139	34,251	15,835	9,956	13,733	19,402	31,442
48:Case 48	39,839	39,740	19,523	24,182	5,469	33,945	32,377
49:Case 49	28,006	37,858	18,309	3,610	13,330	18,006	27,952
50:Case 50	56,873	58,782	23,238	23,195	22,268	28,670	62,670
51:Case 51	30,952	41,355	20,856	9,418	12,126	17,691	32,136
52:Case 52	37,097	49,358	32,970	15,842	29,621	43,609	34,511
53:Case 53	42,529	37,629	39,620	33,484	52,181	58,728	25,353
54:Case 54	52,437	48,128	22,986	19,393	20,477	27,780	56,922
55:Case 55	40,141	52,281	40,383	12,731	26,552	45,816	38,824

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß						
	1:Case 1	2:Case 2	3:Case 3	4:Case 4	5:Case 5	6:Case 6	7:Case 7
56:Case 56	36,663	29,892	24,983	9,294	12,273	31,406	19,866
57:Case 57	52,196	68,939	48,665	17,011	31,109	51,558	45,424
58:Case 58	25,076	26,494	8,845	13,314	5,997	18,427	34,723
59:Case 59	32,679	32,755	33,061	18,799	34,915	40,320	25,173
60:Case 60	41,329	38,003	18,077	12,432	8,637	11,178	35,322
61:Case 61	24,719	32,994	13,491	5,227	13,370	16,295	21,510
62:Case 62	65,508	53,060	21,919	21,420	16,148	23,180	33,052
63:Case 63	31,624	30,520	12,181	7,559	6,958	7,095	33,081
64:Case 64	36,918	24,271	7,721	14,338	14,878	4,998	35,035
65:Case 65	46,611	33,855	14,351	21,472	14,558	22,928	17,773
66:Case 66	43,541	37,245	28,039	18,814	17,928	35,890	17,946
67:Case 67	54,350	59,902	48,451	13,502	35,729	43,175	20,160
68:Case 68	55,770	40,982	19,721	15,584	19,229	13,890	47,395
69:Case 69	28,366	34,243	28,648	15,507	36,478	36,739	32,829
70:Case 70	35,800	37,410	20,410	10,694	14,506	29,992	11,900
71:Case 71	34,057	35,576	18,523	4,818	10,196	21,946	21,326
72:Case 72	49,572	34,500	20,355	27,052	16,430	29,569	35,329
73:Case 73	30,940	24,105	18,172	7,622	13,609	24,469	17,920

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	8:Case 8	9:Case 9	10:Case 10	11:Case 11	12:Case 12	13:Case 13
1:Case 1	37,286	29,262	26,568	30,035	21,967	53,531
2:Case 2	35,584	33,001	32,010	30,359	18,677	40,806
3:Case 3	19,983	20,349	18,708	15,305	19,963	29,065
4:Case 4	2,374	1,633	18,591	7,101	24,392	17,490
5:Case 5	11,314	12,060	17,593	5,992	32,112	23,707
6:Case 6	18,200	18,315	27,383	13,695	37,562	34,319
7:Case 7	19,969	22,967	43,909	24,764	32,371	25,348
8:Case 8	,000	5,649	23,706	12,141	21,241	10,194
9:Case 9	5,649	,000	19,011	6,068	23,764	17,904
10:Case 10	23,706	19,011	,000	16,968	37,318	44,240
11:Case 11	12,141	6,068	16,968	,000	28,208	26,019
12:Case 12	21,241	23,764	37,318	28,208	,000	16,142
13:Case 13	10,194	17,904	44,240	26,019	16,142	,000
14:Case 14	20,953	20,896	18,464	13,204	22,727	32,619
15:Case 15	17,783	19,566	14,839	13,921	44,988	37,617
16:Case 16	13,018	19,662	28,578	19,481	50,701	33,473
17:Case 17	30,250	21,887	9,402	13,172	43,717	51,230
18:Case 18	6,075	8,439	18,282	13,907	8,159	12,150
19:Case 19	27,994	20,863	27,775	15,819	41,766	48,033
20:Case 20	33,366	26,574	18,276	21,530	30,375	45,788
21:Case 21	9,350	16,333	25,444	11,712	36,135	26,989
22:Case 22	8,988	10,434	11,648	11,462	38,105	32,402
23:Case 23	14,415	14,614	30,466	25,976	42,426	31,382
24:Case 24	13,575	22,277	32,654	30,992	38,017	13,491
25:Case 25	5,643	5,712	21,431	12,203	16,441	17,601
26:Case 26	25,107	17,158	19,665	22,034	34,780	38,293
27:Case 27	6,714	5,973	12,330	7,002	24,891	20,870
28:Case 28	11,846	20,067	23,233	15,446	38,329	30,724
29:Case 29	28,638	16,599	23,919	21,643	24,709	41,975
30:Case 30	4,946	10,776	30,157	18,291	38,500	22,539
31:Case 31	26,211	30,988	25,431	26,367	74,274	55,024
32:Case 32	3,842	12,353	25,188	17,220	24,780	16,897
33:Case 33	11,554	23,304	47,472	30,818	31,083	22,647
34:Case 34	20,580	25,939	37,295	32,430	19,634	32,754
35:Case 35	27,629	23,077	48,802	34,016	30,092	31,520
36:Case 36	14,136	9,339	22,540	17,030	20,826	25,322
37:Case 37	8,061	12,188	14,045	15,009	24,449	25,979
38:Case 38	11,161	14,558	24,252	13,185	40,798	28,368
39:Case 39	13,264	11,370	31,466	24,534	32,914	27,373
40:Case 40	41,766	30,784	35,531	34,805	21,493	48,941
41:Case 41	15,157	16,930	28,969	17,180	50,794	31,700
42:Case 42	21,628	28,647	58,165	45,650	62,507	38,413
43:Case 43	8,372	20,122	34,152	27,636	30,061	19,465
44:Case 44	7,754	19,031	26,479	19,459	29,021	17,464
45:Case 45	5,010	10,031	17,168	12,083	34,647	23,841
46:Case 46	7,167	8,516	20,070	15,608	27,187	23,413
47:Case 47	5,386	13,850	27,083	20,342	25,330	15,241
48:Case 48	22,583	23,578	23,347	15,463	30,461	29,093
49:Case 49	4,745	4,857	17,765	11,948	24,477	19,754
50:Case 50	24,901	22,200	37,454	21,427	44,877	40,054
51:Case 51	11,791	11,051	22,848	7,030	27,809	25,948
52:Case 52	14,277	15,061	28,155	32,240	25,295	21,779
53:Case 53	29,664	33,474	57,923	47,407	16,338	30,731
54:Case 54	16,286	23,307	24,245	22,957	35,451	29,035
55:Case 55	12,909	11,736	34,304	24,890	26,061	23,479

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	8:Case 8	9:Case 9	10:Case 10	11:Case 11	12:Case 12	13:Case 13
56:Case 56	6,481	9,903	31,151	14,347	13,361	9,277
57:Case 57	17,808	15,396	48,762	28,551	34,513	28,100
58:Case 58	12,319	15,161	17,611	10,117	19,968	25,798
59:Case 59	19,206	19,389	26,517	30,674	19,698	21,083
60:Case 60	10,397	18,569	19,982	13,949	38,506	26,268
61:Case 61	4,786	8,098	16,101	13,566	21,363	19,841
62:Case 62	17,140	28,176	28,655	23,555	52,054	36,639
63:Case 63	9,933	9,192	16,081	5,171	31,951	25,049
64:Case 64	13,203	18,000	26,435	13,379	26,888	21,584
65:Case 65	16,802	25,562	26,224	18,894	29,139	23,975
66:Case 66	14,588	17,781	41,391	21,201	16,076	6,978
67:Case 67	11,468	18,016	40,257	33,995	39,576	25,715
68:Case 68	17,553	17,622	25,116	14,625	43,967	30,472
69:Case 69	12,175	18,164	36,652	34,143	10,994	16,673
70:Case 70	6,643	12,541	27,183	16,985	14,964	10,954
71:Case 71	2,230	8,308	16,485	13,776	21,296	13,940
72:Case 72	17,231	33,189	34,777	28,569	25,253	18,243
73:Case 73	3,786	9,255	26,388	14,723	8,871	5,621

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	14:Case 14	15:Case 15	16:Case 16	17:Case 17	18:Case 18	19:Case 19
1:Case 1	23,985	39,228	64,034	28,766	20,913	30,546
2:Case 2	21,785	31,353	61,428	26,784	20,632	18,341
3:Case 3	1,804	15,897	36,839	24,962	14,748	26,838
4:Case 4	19,686	15,071	13,525	21,701	6,806	20,873
5:Case 5	13,758	14,531	18,045	19,984	17,818	22,568
6:Case 6	12,492	7,616	29,939	23,505	20,156	18,450
7:Case 7	35,103	43,084	38,987	47,588	25,235	53,839
8:Case 8	20,953	17,783	13,018	30,250	6,075	27,994
9:Case 9	20,896	19,566	19,662	21,887	8,439	20,863
10:Case 10	18,464	14,839	28,578	9,402	18,282	27,775
11:Case 11	13,204	13,921	19,481	13,172	13,907	15,819
12:Case 12	22,727	44,988	50,701	43,717	8,159	41,766
13:Case 13	32,619	37,617	33,473	51,230	12,150	48,033
14:Case 14	,000	15,180	36,185	22,135	17,576	25,761
15:Case 15	15,180	,000	17,171	12,214	20,573	15,381
16:Case 16	36,185	17,171	,000	28,130	22,195	33,502
17:Case 17	22,135	12,214	28,130	,000	23,985	14,651
18:Case 18	17,576	20,573	22,195	23,985	,000	25,192
19:Case 19	25,761	15,381	33,502	14,651	25,192	,000
20:Case 20	16,052	16,443	41,242	13,401	19,267	18,470
21:Case 21	23,722	14,996	5,329	25,013	16,043	23,878
22:Case 22	19,841	11,512	14,897	20,328	15,277	21,358
23:Case 23	39,354	33,708	23,492	45,595	21,728	36,425
24:Case 24	37,851	33,427	24,576	49,297	22,347	53,585
25:Case 25	21,565	18,062	19,896	22,740	2,854	19,360
26:Case 26	34,829	38,223	42,682	34,543	20,492	41,340
27:Case 27	14,385	10,731	21,146	16,400	8,265	20,774
28:Case 28	12,821	7,176	14,187	26,818	19,159	21,196
29:Case 29	33,493	34,559	41,231	23,475	14,534	20,826
30:Case 30	32,919	21,733	8,476	38,844	14,527	35,607
31:Case 31	32,389	6,446	15,412	24,304	38,887	28,708
32:Case 32	18,349	18,261	21,597	34,125	10,535	35,233
33:Case 33	35,617	41,293	32,311	63,625	19,891	56,241
34:Case 34	28,811	41,202	45,652	54,151	13,886	49,991
35:Case 35	45,543	65,805	60,507	65,592	29,174	58,497
36:Case 36	31,683	29,798	27,743	28,947	8,674	20,643
37:Case 37	13,598	17,326	23,051	25,798	10,446	33,541
38:Case 38	26,469	16,093	11,892	29,507	18,474	23,585
39:Case 39	48,552	38,119	31,375	38,768	13,975	38,690
40:Case 40	43,356	55,518	72,072	35,095	22,910	37,668
41:Case 41	36,168	20,513	13,192	32,728	25,350	25,421
42:Case 42	68,498	50,384	32,201	71,221	34,710	69,963
43:Case 43	32,844	34,201	28,091	48,146	16,709	52,430
44:Case 44	19,969	18,643	25,799	37,272	15,066	39,000
45:Case 45	22,811	12,434	12,447	25,849	12,323	24,831
46:Case 46	29,320	21,951	14,810	29,471	8,711	23,788
47:Case 47	16,805	17,128	18,743	37,060	12,080	29,196
48:Case 48	15,375	29,015	35,500	32,291	24,778	39,350
49:Case 49	20,839	19,027	19,363	29,332	7,535	27,880
50:Case 50	27,392	31,549	28,955	47,179	28,935	34,423
51:Case 51	21,763	22,427	22,212	24,028	13,343	29,189
52:Case 52	37,061	41,750	37,434	50,789	13,781	52,300
53:Case 53	40,464	64,297	62,985	70,884	22,964	59,484
54:Case 54	29,485	20,354	14,275	31,799	15,979	31,751
55:Case 55	44,538	44,376	26,230	43,192	13,215	40,875

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	14:Case 14	15:Case 15	16:Case 16	17:Case 17	18:Case 18	19:Case 19
56:Case 56	23,906	30,799	22,425	35,551	8,026	29,761
57:Case 57	51,859	56,294	31,540	58,856	22,240	52,287
58:Case 58	8,728	18,425	25,282	23,795	12,221	22,286
59:Case 59	32,217	36,227	38,615	33,493	12,329	48,967
60:Case 60	17,424	7,047	15,970	21,990	17,710	25,876
61:Case 61	14,398	17,317	22,637	27,622	7,575	31,074
62:Case 62	20,305	12,873	16,918	34,418	29,817	36,662
63:Case 63	12,127	7,512	19,316	14,142	14,365	16,595
64:Case 64	8,028	8,295	25,305	23,552	15,158	20,656
65:Case 65	12,610	16,750	27,057	32,346	19,187	36,020
66:Case 66	25,938	40,436	40,561	47,957	16,354	48,445
67:Case 67	49,421	39,044	25,482	53,987	18,780	52,969
68:Case 68	21,651	8,550	14,392	19,824	21,373	20,070
69:Case 69	32,499	42,498	39,240	51,141	7,124	48,141
70:Case 70	20,293	29,990	25,847	40,280	8,409	42,499
71:Case 71	19,429	16,791	12,772	27,703	5,638	30,653
72:Case 72	20,661	25,438	32,454	40,612	19,798	42,692
73:Case 73	19,079	24,886	23,011	31,748	3,473	29,113

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	20:Case 20	21:Case 21	22:Case 22	23:Case 23	24:Case 24	25:Case 25
1:Case 1	24,952	50,794	34,619	53,870	68,979	22,546
2:Case 2	19,080	44,008	38,427	59,517	60,013	24,295
3:Case 3	12,327	24,376	19,895	33,513	34,657	18,675
4:Case 4	27,202	10,814	6,943	14,971	21,415	3,674
5:Case 5	33,360	10,556	9,206	22,143	17,613	20,116
6:Case 6	17,654	21,588	16,667	37,839	44,757	14,765
7:Case 7	58,535	33,122	38,802	53,876	37,990	29,399
8:Case 8	33,366	9,350	8,988	14,415	13,575	5,643
9:Case 9	26,574	16,333	10,434	14,614	22,277	5,712
10:Case 10	18,276	25,444	11,648	30,466	32,654	21,431
11:Case 11	21,530	11,712	11,462	25,976	30,992	12,203
12:Case 12	30,375	36,135	38,105	42,426	38,017	16,441
13:Case 13	45,788	26,989	32,402	31,382	13,491	17,601
14:Case 14	16,052	23,722	19,841	39,354	37,851	21,565
15:Case 15	16,443	14,996	11,512	33,708	33,427	18,062
16:Case 16	41,242	5,329	14,897	23,492	24,576	19,896
17:Case 17	13,401	25,013	20,328	45,595	49,297	22,740
18:Case 18	19,267	16,043	15,277	21,728	22,347	2,854
19:Case 19	18,470	23,878	21,358	36,425	53,585	19,360
20:Case 20	,000	33,150	29,544	46,316	55,509	19,194
21:Case 21	33,150	,000	9,604	21,061	25,211	14,703
22:Case 22	29,544	9,604	,000	12,467	23,165	12,474
23:Case 23	46,316	21,061	12,467	,000	18,297	19,479
24:Case 24	55,509	25,211	23,165	18,297	,000	29,429
25:Case 25	19,194	14,703	12,474	19,479	29,429	,000
26:Case 26	33,884	33,992	17,572	16,449	34,392	20,355
27:Case 27	19,021	13,996	6,844	22,592	25,755	6,093
28:Case 28	27,805	7,318	8,514	23,252	25,662	18,437
29:Case 29	19,024	35,132	26,656	30,155	52,111	12,947
30:Case 30	42,728	8,868	9,087	11,787	20,457	10,586
31:Case 31	36,883	18,497	15,431	36,604	38,196	33,143
32:Case 32	37,943	16,389	11,591	25,171	20,966	10,723
33:Case 33	61,274	23,985	25,364	28,190	29,878	21,250
34:Case 34	40,502	34,261	27,622	33,050	46,044	16,386
35:Case 35	63,824	46,883	35,906	20,742	34,108	31,796
36:Case 36	28,724	21,924	16,444	12,472	27,529	9,105
37:Case 37	32,068	18,462	9,470	25,097	24,338	12,732
38:Case 38	35,052	6,599	6,253	9,544	20,059	16,175
39:Case 39	45,522	28,377	19,629	23,339	35,870	9,203
40:Case 40	35,182	58,508	45,741	55,249	67,817	25,452
41:Case 41	41,690	10,059	10,248	8,668	18,647	22,092
42:Case 42	80,800	39,228	37,495	40,613	40,848	30,378
43:Case 43	54,182	21,924	17,485	23,592	19,839	18,068
44:Case 44	42,328	16,770	12,882	30,901	19,966	17,401
45:Case 45	33,018	7,154	2,450	13,894	19,504	10,024
46:Case 46	34,182	12,093	8,022	7,898	19,253	8,396
47:Case 47	33,609	14,117	12,364	16,215	13,178	13,844
48:Case 48	44,382	24,894	21,822	35,230	22,504	33,807
49:Case 49	30,646	15,731	6,839	9,996	18,985	6,601
50:Case 50	37,827	20,551	19,966	14,552	35,016	27,431
51:Case 51	30,717	12,903	11,922	24,389	32,992	11,171
52:Case 52	49,306	37,284	23,181	16,474	17,755	18,555
53:Case 53	56,738	51,900	52,948	51,253	50,760	29,993
54:Case 54	27,236	9,565	13,978	14,669	22,471	17,115
55:Case 55	48,454	25,136	22,257	11,245	23,885	13,240

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	20:Case 20	21:Case 21	22:Case 22	23:Case 23	24:Case 24	25:Case 25
56:Case 56	39,945	14,697	19,293	21,910	17,097	12,128
57:Case 57	63,601	29,532	28,393	14,101	30,936	20,685
58:Case 58	25,626	12,193	9,755	20,092	25,144	15,465
59:Case 59	35,414	40,307	35,094	47,305	31,456	18,139
60:Case 60	30,782	10,678	8,544	28,140	22,734	16,939
61:Case 61	28,982	17,429	8,456	18,188	20,695	8,218
62:Case 62	40,107	13,114	16,496	32,937	25,847	30,331
63:Case 63	19,644	12,166	7,714	23,462	26,625	11,233
64:Case 64	16,707	15,959	17,879	35,897	31,391	14,449
65:Case 65	32,970	18,611	23,809	42,298	25,579	26,105
66:Case 66	51,002	31,919	33,726	40,647	20,221	23,916
67:Case 67	61,155	29,067	25,539	28,104	27,603	18,010
68:Case 68	17,251	12,806	17,597	29,040	30,944	17,559
69:Case 69	40,639	33,791	28,417	27,829	30,054	10,531
70:Case 70	42,110	19,061	19,327	25,225	16,189	14,708
71:Case 71	32,461	10,342	7,718	14,169	11,067	8,428
72:Case 72	41,792	20,567	26,220	41,085	20,589	27,775
73:Case 73	31,214	15,282	17,621	22,495	15,425	7,511

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	26:Case 26	27:Case 27	28:Case 28	29:Case 29	30:Case 30	31:Case 31
1:Case 1	33,196	26,913	44,580	16,670	51,804	68,763
2:Case 2	50,217	26,769	36,505	25,560	56,194	59,782
3:Case 3	28,154	13,479	13,475	30,129	30,925	34,003
4:Case 4	20,801	4,340	13,930	19,875	5,858	24,232
5:Case 5	26,373	12,097	10,085	34,090	18,712	22,871
6:Case 6	36,368	10,314	11,306	32,476	22,983	21,072
7:Case 7	58,365	23,777	40,003	59,539	34,990	55,427
8:Case 8	25,107	6,714	11,846	28,638	4,946	26,211
9:Case 9	17,158	5,973	20,067	16,599	10,776	30,988
10:Case 10	19,665	12,330	23,233	23,919	30,157	25,431
11:Case 11	22,034	7,002	15,446	21,643	18,291	26,367
12:Case 12	34,780	24,891	38,329	24,709	38,500	74,274
13:Case 13	38,293	20,870	30,724	41,975	22,539	55,024
14:Case 14	34,829	14,385	12,821	33,493	32,919	32,389
15:Case 15	38,223	10,731	7,176	34,559	21,733	6,446
16:Case 16	42,682	21,146	14,187	41,231	8,476	15,412
17:Case 17	34,543	16,400	26,818	23,475	38,844	24,304
18:Case 18	20,492	8,265	19,159	14,534	14,527	38,887
19:Case 19	41,340	20,774	21,196	20,826	35,607	28,708
20:Case 20	33,884	19,021	27,805	19,024	42,728	36,883
21:Case 21	33,992	13,996	7,318	35,132	8,868	18,497
22:Case 22	17,572	6,844	8,514	26,656	9,087	15,431
23:Case 23	16,449	22,592	23,252	30,155	11,787	36,604
24:Case 24	34,392	25,755	25,662	52,111	20,457	38,196
25:Case 25	20,355	6,093	18,437	12,947	10,586	33,143
26:Case 26	,000	17,821	38,208	19,595	27,468	53,563
27:Case 27	17,821	,000	13,831	23,654	13,479	21,812
28:Case 28	38,208	13,831	,000	40,418	14,026	11,599
29:Case 29	19,595	23,654	40,418	,000	32,749	58,126
30:Case 30	27,468	13,479	14,026	32,749	,000	24,507
31:Case 31	53,563	21,812	11,599	58,126	24,507	,000
32:Case 32	31,660	7,894	12,826	39,242	11,449	27,609
33:Case 33	40,664	22,107	25,621	54,828	15,816	50,539
34:Case 34	26,977	22,543	32,008	31,275	25,243	62,888
35:Case 35	18,709	33,303	51,907	41,298	38,731	82,172
36:Case 36	15,011	17,058	27,701	8,757	18,471	46,313
37:Case 37	25,849	8,197	14,280	32,280	15,569	27,877
38:Case 38	19,977	14,850	8,790	30,051	8,483	20,516
39:Case 39	20,530	13,717	40,069	23,837	16,011	50,041
40:Case 40	29,269	32,301	63,649	17,721	60,294	87,523
41:Case 41	24,141	19,806	14,409	36,264	12,479	20,856
42:Case 42	59,994	32,849	47,532	65,358	19,295	51,527
43:Case 43	28,716	15,644	23,970	50,230	15,915	41,288
44:Case 44	34,189	9,513	12,588	48,066	16,270	28,281
45:Case 45	21,045	5,418	8,413	31,153	5,613	16,858
46:Case 46	17,842	13,311	16,632	17,765	7,376	31,182
47:Case 47	35,949	14,296	7,418	36,687	11,290	24,317
48:Case 48	33,140	24,083	21,644	43,443	34,514	43,771
49:Case 49	13,261	6,990	15,449	20,495	6,991	29,792
50:Case 50	26,506	28,698	18,874	32,085	19,389	40,160
51:Case 51	14,511	8,358	20,087	25,451	15,275	35,668
52:Case 52	22,065	22,700	36,383	29,558	20,032	55,749
53:Case 53	62,850	40,343	51,944	47,468	46,354	86,976
54:Case 54	22,241	19,694	13,915	29,876	14,161	27,357
55:Case 55	18,501	23,831	37,141	21,323	15,934	56,083

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	26:Case 26	27:Case 27	28:Case 28	29:Case 29	30:Case 30	31:Case 31
56:Case 56	32,127	16,915	21,093	26,323	15,781	45,903
57:Case 57	24,122	32,352	43,278	28,653	16,306	67,614
58:Case 58	20,025	12,255	9,563	26,854	20,606	32,077
59:Case 59	44,054	21,416	42,920	31,354	33,269	55,332
60:Case 60	32,011	9,052	6,307	42,152	15,809	12,998
61:Case 61	19,749	5,326	13,866	28,594	11,889	28,082
62:Case 62	52,468	19,000	6,404	63,921	21,695	10,114
63:Case 63	21,572	4,179	9,652	28,366	16,697	16,673
64:Case 64	39,740	9,998	7,837	36,842	22,668	21,119
65:Case 65	48,575	17,131	12,709	52,635	28,943	28,197
66:Case 66	42,138	23,154	33,494	42,621	30,003	61,153
67:Case 67	44,134	22,282	35,023	45,363	13,599	44,995
68:Case 68	38,905	14,525	12,283	33,806	18,769	13,663
69:Case 69	32,496	21,405	34,747	26,859	21,181	61,949
70:Case 70	29,597	14,074	21,128	35,714	16,122	44,834
71:Case 71	22,409	8,198	11,600	27,670	6,962	25,687
72:Case 72	46,806	22,712	16,196	56,989	32,293	38,229
73:Case 73	28,597	11,002	18,398	26,137	15,343	40,887

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadrirtes euklidisches Distanzmaß					
	32:Case 32	33:Case 33	34:Case 34	35:Case 35	36:Case 36	37:Case 37
1:Case 1	33,142	53,047	24,483	47,852	26,263	23,514
2:Case 2	36,378	58,620	41,390	60,481	29,434	33,432
3:Case 3	19,003	33,623	24,000	40,125	27,592	15,339
4:Case 4	6,834	17,766	22,045	28,962	11,358	8,098
5:Case 5	14,537	29,398	37,465	33,420	21,229	12,956
6:Case 6	16,216	35,763	30,519	57,774	32,262	19,185
7:Case 7	19,525	20,164	39,491	45,706	39,517	20,710
8:Case 8	3,842	11,554	20,580	27,629	14,136	8,061
9:Case 9	12,353	23,304	25,939	23,077	9,339	12,188
10:Case 10	25,188	47,472	37,295	48,802	22,540	14,045
11:Case 11	17,220	30,818	32,430	34,016	17,030	15,009
12:Case 12	24,780	31,083	19,634	30,092	20,826	24,449
13:Case 13	16,897	22,647	32,754	31,520	25,322	25,979
14:Case 14	18,349	35,617	28,811	45,543	31,683	13,598
15:Case 15	18,261	41,293	41,202	65,805	29,798	17,326
16:Case 16	21,597	32,311	45,652	60,507	27,743	23,051
17:Case 17	34,125	63,625	54,151	65,592	28,947	25,798
18:Case 18	10,535	19,891	13,886	29,174	8,674	10,446
19:Case 19	35,233	56,241	49,991	58,497	20,643	33,541
20:Case 20	37,943	61,274	40,502	63,824	28,724	32,068
21:Case 21	16,389	23,985	34,261	46,883	21,924	18,462
22:Case 22	11,591	25,364	27,622	35,906	16,444	9,470
23:Case 23	25,171	28,190	33,050	20,742	12,472	25,097
24:Case 24	20,966	29,878	46,044	34,108	27,529	24,338
25:Case 25	10,723	21,250	16,386	31,796	9,105	12,732
26:Case 26	31,660	40,664	26,977	18,709	15,011	25,849
27:Case 27	7,894	22,107	22,543	33,303	17,058	8,197
28:Case 28	12,826	25,621	32,008	51,907	27,701	14,280
29:Case 29	39,242	54,828	31,275	41,298	8,757	32,280
30:Case 30	11,449	15,816	25,243	38,731	18,471	15,569
31:Case 31	27,609	50,539	62,888	82,172	46,313	27,877
32:Case 32	,000	9,839	17,324	34,265	24,506	3,601
33:Case 33	9,839	,000	13,242	30,677	29,314	14,868
34:Case 34	17,324	13,242	,000	32,479	21,777	15,556
35:Case 35	34,265	30,677	32,479	,000	22,579	33,482
36:Case 36	24,506	29,314	21,777	22,579	,000	21,183
37:Case 37	3,601	14,868	15,556	33,482	21,183	,000
38:Case 38	18,669	26,513	31,323	35,159	15,664	20,123
39:Case 39	19,348	24,513	24,881	30,467	13,822	21,699
40:Case 40	43,648	58,386	33,375	36,478	22,048	36,167
41:Case 41	26,448	34,828	45,639	36,978	18,332	28,862
42:Case 42	24,232	18,746	39,630	60,714	40,306	30,221
43:Case 43	5,535	10,531	21,236	25,586	29,413	10,564
44:Case 44	3,293	12,513	22,145	40,324	29,946	7,803
45:Case 45	7,614	15,665	22,824	35,503	16,041	9,067
46:Case 46	14,675	18,845	19,275	27,254	3,974	13,121
47:Case 47	8,609	18,822	27,695	36,707	21,099	12,209
48:Case 48	23,027	35,580	39,323	35,269	29,588	17,301
49:Case 49	7,432	13,343	12,859	21,758	8,561	6,498
50:Case 50	36,392	37,857	36,317	38,209	22,684	34,549
51:Case 51	14,093	22,865	21,143	27,834	18,855	14,396
52:Case 52	17,969	21,084	19,458	21,741	13,982	14,935
53:Case 53	32,585	27,298	28,896	40,680	33,140	32,027
54:Case 54	25,953	33,356	31,402	43,496	18,650	26,573
55:Case 55	23,279	25,487	26,256	15,882	8,046	22,963

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	32:Case 32	33:Case 33	34:Case 34	35:Case 35	36:Case 36	37:Case 37
56:Case 56	14,223	19,744	27,344	25,907	12,619	16,495
57:Case 57	29,918	27,304	31,000	17,706	15,312	31,182
58:Case 58	13,382	23,484	20,917	25,608	16,761	10,401
59:Case 59	21,540	40,625	37,505	51,797	29,494	19,503
60:Case 60	8,096	25,749	32,087	48,913	29,484	11,078
61:Case 61	2,568	11,806	12,899	25,140	16,707	1,633
62:Case 62	16,379	27,722	46,518	60,849	43,501	18,174
63:Case 63	11,112	30,022	31,952	36,521	22,197	12,376
64:Case 64	13,378	31,930	33,528	52,316	31,946	17,875
65:Case 65	14,501	21,653	31,482	52,671	34,556	13,956
66:Case 66	17,508	25,793	34,511	31,948	28,743	21,408
67:Case 67	14,071	12,729	26,112	43,488	24,027	17,053
68:Case 68	26,952	46,495	51,171	62,299	30,391	29,921
69:Case 69	14,476	19,072	13,508	29,848	18,398	16,434
70:Case 70	7,706	8,414	15,464	24,852	17,869	7,780
71:Case 71	4,833	12,332	17,730	29,050	12,398	4,808
72:Case 72	14,929	27,852	36,271	47,476	38,456	20,007
73:Case 73	8,246	16,025	20,807	25,259	13,331	11,606

Dies ist eine Unähnlichkeitsmatrix

Nahrungsmatrix

Fall	Quadiertes euklidisches Distanzma					
	38:Case 38	39:Case 39	40:Case 40	41:Case 41	42:Case 42	43:Case 43
1:Case 1	48,847	37,642	10,621	62,626	78,809	46,206
2:Case 2	48,576	46,854	22,720	57,076	85,818	53,687
3:Case 3	23,875	44,998	41,015	32,911	67,465	30,850
4:Case 4	11,668	10,337	35,083	15,663	23,110	14,584
5:Case 5	9,400	33,555	46,495	12,436	50,348	21,519
6:Case 6	20,223	36,679	50,139	28,962	53,491	32,989
7:Case 7	47,423	32,834	52,884	52,082	26,963	27,792
8:Case 8	11,161	13,264	41,766	15,157	21,628	8,372
9:Case 9	14,558	11,370	30,784	16,930	28,647	20,122
10:Case 10	24,252	31,466	35,531	28,969	58,165	34,152
11:Case 11	13,185	24,534	34,805	17,180	45,650	27,636
12:Case 12	40,798	32,914	21,493	50,794	62,507	30,061
13:Case 13	28,368	27,373	48,941	31,700	38,413	19,465
14:Case 14	26,469	48,552	43,356	36,168	68,498	32,844
15:Case 15	16,093	38,119	55,518	20,513	50,384	34,201
16:Case 16	11,892	31,375	72,072	13,192	32,201	28,091
17:Case 17	29,507	38,768	35,095	32,728	71,221	48,146
18:Case 18	18,474	13,975	22,910	25,350	34,710	16,709
19:Case 19	23,585	38,690	37,668	25,421	69,963	52,430
20:Case 20	35,052	45,522	35,182	41,690	80,800	54,182
21:Case 21	6,599	28,377	58,508	10,059	39,228	21,924
22:Case 22	6,253	19,629	45,741	10,248	37,495	17,485
23:Case 23	9,544	23,339	55,249	8,668	40,613	23,592
24:Case 24	20,059	35,870	67,817	18,647	40,848	19,839
25:Case 25	16,175	9,203	25,452	22,092	30,378	18,068
26:Case 26	19,977	20,530	29,269	24,141	59,994	28,716
27:Case 27	14,850	13,717	32,301	19,806	32,849	15,644
28:Case 28	8,790	40,069	63,649	14,409	47,532	23,970
29:Case 29	30,051	23,837	17,721	36,264	65,358	50,230
30:Case 30	8,483	16,011	60,294	12,479	19,295	15,915
31:Case 31	20,516	50,041	87,523	20,856	51,527	41,288
32:Case 32	18,669	19,348	43,648	26,448	24,232	5,535
33:Case 33	26,513	24,513	58,386	34,828	18,746	10,531
34:Case 34	31,323	24,881	33,375	45,639	39,630	21,236
35:Case 35	35,159	30,467	36,478	36,978	60,714	25,586
36:Case 36	15,664	13,822	22,048	18,332	40,306	29,413
37:Case 37	20,123	21,699	36,167	28,862	30,221	10,564
38:Case 38	,000	26,755	55,193	2,372	43,693	21,915
39:Case 39	26,755	,000	29,343	30,087	20,552	19,800
40:Case 40	55,193	29,343	,000	63,566	79,345	47,855
41:Case 41	2,372	30,087	63,566	,000	46,728	28,070
42:Case 42	43,693	20,552	79,345	46,728	,000	29,655
43:Case 43	21,915	19,800	47,855	28,070	29,655	,000
44:Case 44	18,432	25,407	50,945	26,211	31,345	8,209
45:Case 45	6,151	14,830	47,385	10,147	25,448	12,483
46:Case 46	7,842	12,539	35,808	11,174	27,013	18,944
47:Case 47	14,538	30,999	56,813	18,533	35,976	17,171
48:Case 48	22,536	49,164	48,537	28,691	66,541	29,861
49:Case 49	9,940	11,362	33,545	15,431	23,966	12,321
50:Case 50	11,360	46,390	70,513	15,228	63,183	44,926
51:Case 51	11,598	17,616	32,273	18,713	42,976	15,615
52:Case 52	29,203	18,562	38,479	34,031	27,909	20,061
53:Case 53	62,218	41,985	45,733	70,293	47,347	41,897
54:Case 54	6,702	32,152	56,624	9,795	53,829	26,599
55:Case 55	20,453	12,346	31,562	22,161	33,946	19,358

Dies ist eine Unahnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	38:Case 38	39:Case 39	40:Case 40	41:Case 41	42:Case 42	43:Case 43
56:Case 56	18,705	21,944	37,132	22,700	36,413	19,843
57:Case 57	23,309	19,450	47,021	26,216	37,258	26,616
58:Case 58	10,455	32,401	34,346	17,570	57,268	17,764
59:Case 59	48,764	26,453	35,480	55,104	39,774	32,003
60:Case 60	10,573	30,766	52,643	16,192	42,929	14,589
61:Case 61	16,462	16,180	33,504	23,577	27,160	7,503
62:Case 62	20,052	49,611	82,552	22,552	44,872	25,327
63:Case 63	10,671	25,293	39,361	14,666	47,202	18,862
64:Case 64	19,908	39,517	51,983	26,487	54,801	26,997
65:Case 65	26,357	45,577	57,927	32,937	44,558	26,115
66:Case 66	34,386	34,351	44,358	40,541	44,917	24,770
67:Case 67	32,761	13,070	55,370	36,756	3,887	18,941
68:Case 68	16,249	39,426	66,660	16,886	54,134	40,525
69:Case 69	35,640	18,180	32,522	44,675	33,452	18,049
70:Case 70	22,020	21,899	39,181	29,135	26,149	12,088
71:Case 71	10,915	15,771	39,774	15,871	23,366	9,150
72:Case 72	25,193	47,293	55,966	31,773	62,048	16,692
73:Case 73	19,290	18,288	31,408	24,246	33,654	12,843

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	44:Case 44	45:Case 45	46:Case 46	47:Case 47	48:Case 48	49:Case 49
1:Case 1	41,348	40,140	33,674	43,139	39,839	28,006
2:Case 2	37,708	39,869	37,962	34,251	39,740	37,858
3:Case 3	20,623	21,841	26,789	15,835	19,523	18,309
4:Case 4	12,893	5,517	6,650	9,956	24,182	3,610
5:Case 5	13,390	10,647	15,132	13,733	5,469	13,330
6:Case 6	18,454	16,565	27,105	19,402	33,945	18,006
7:Case 7	22,528	29,322	34,273	31,442	32,377	27,952
8:Case 8	7,754	5,010	7,167	5,386	22,583	4,745
9:Case 9	19,031	10,031	8,516	13,850	23,578	4,857
10:Case 10	26,479	17,168	20,070	27,083	23,347	17,765
11:Case 11	19,459	12,083	15,608	20,342	15,463	11,948
12:Case 12	29,021	34,647	27,187	25,330	30,461	24,477
13:Case 13	17,464	23,841	23,413	15,241	29,093	19,754
14:Case 14	19,969	22,811	29,320	16,805	15,375	20,839
15:Case 15	18,643	12,434	21,951	17,128	29,015	19,027
16:Case 16	25,799	12,447	14,810	18,743	35,500	19,363
17:Case 17	37,272	25,849	29,471	37,060	32,291	29,332
18:Case 18	15,066	12,323	8,711	12,080	24,778	7,535
19:Case 19	39,000	24,831	23,788	29,196	39,350	27,880
20:Case 20	42,328	33,018	34,182	33,609	44,382	30,646
21:Case 21	16,770	7,154	12,093	14,117	24,894	15,731
22:Case 22	12,882	2,450	8,022	12,364	21,822	6,839
23:Case 23	30,901	13,894	7,898	16,215	35,230	9,996
24:Case 24	19,966	19,504	19,253	13,178	22,504	18,985
25:Case 25	17,401	10,024	8,396	13,844	33,807	6,601
26:Case 26	34,189	21,045	17,842	35,949	33,140	13,261
27:Case 27	9,513	5,418	13,311	14,296	24,083	6,990
28:Case 28	12,588	8,413	16,632	7,418	21,644	15,449
29:Case 29	48,066	31,153	17,765	36,687	43,443	20,495
30:Case 30	16,270	5,613	7,376	11,290	34,514	6,991
31:Case 31	28,281	16,858	31,182	24,317	43,771	29,792
32:Case 32	3,293	7,614	14,675	8,609	23,027	7,432
33:Case 33	12,513	15,665	18,845	18,822	35,580	13,343
34:Case 34	22,145	22,824	19,275	27,695	39,323	12,859
35:Case 35	40,324	35,503	27,254	36,707	35,269	21,758
36:Case 36	29,946	16,041	3,974	21,099	29,588	8,561
37:Case 37	7,803	9,067	13,121	12,209	17,301	6,498
38:Case 38	18,432	6,151	7,842	14,538	22,536	9,940
39:Case 39	25,407	14,830	12,539	30,999	49,164	11,362
40:Case 40	50,945	47,385	35,808	56,813	48,537	33,545
41:Case 41	26,211	10,147	11,174	18,533	28,691	15,431
42:Case 42	31,345	25,448	27,013	35,976	66,541	23,966
43:Case 43	8,209	12,483	18,944	17,171	29,861	12,321
44:Case 44	,000	7,376	18,877	11,902	19,734	12,253
45:Case 45	7,376	,000	6,596	10,735	23,783	5,413
46:Case 46	18,877	6,596	,000	12,892	25,261	3,962
47:Case 47	11,902	10,735	12,892	,000	22,806	11,089
48:Case 48	19,734	23,783	25,261	22,806	,000	21,918
49:Case 49	12,253	5,413	3,962	11,089	21,918	,000
50:Case 50	38,921	22,416	19,082	21,711	31,426	19,200
51:Case 51	15,712	10,495	15,107	25,601	21,952	9,908
52:Case 52	25,082	21,250	11,752	18,425	31,477	8,410
53:Case 53	42,174	46,321	36,342	30,027	51,783	34,252
54:Case 54	25,716	12,853	12,686	18,085	33,361	16,943
55:Case 55	33,158	20,830	8,172	24,523	36,341	10,895

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	44:Case 44	45:Case 45	46:Case 46	47:Case 47	48:Case 48	49:Case 49
56:Case 56	17,226	15,834	10,799	10,909	16,962	12,904
57:Case 57	40,416	26,967	13,851	30,040	40,318	15,214
58:Case 58	13,764	11,701	13,426	13,161	9,383	11,328
59:Case 59	29,601	32,659	29,329	25,830	39,031	24,548
60:Case 60	6,331	6,915	18,415	13,774	20,244	13,951
61:Case 61	7,389	7,030	10,483	9,553	20,381	3,241
62:Case 62	15,523	14,046	28,370	12,864	28,631	24,821
63:Case 63	12,732	8,637	17,490	15,166	19,904	11,169
64:Case 64	14,088	16,249	26,790	11,251	26,425	19,849
65:Case 65	11,208	18,002	26,495	15,494	16,429	22,031
66:Case 66	18,074	28,235	27,320	19,635	15,973	21,502
67:Case 67	21,184	16,864	14,581	21,890	47,337	13,398
68:Case 68	29,191	17,495	24,995	17,178	38,200	23,791
69:Case 69	23,447	24,439	17,412	16,603	41,748	14,076
70:Case 70	9,471	13,520	12,669	12,182	14,837	8,708
71:Case 71	7,508	4,764	4,937	6,378	17,219	3,754
72:Case 72	10,108	21,535	30,211	15,876	19,291	27,611
73:Case 73	11,249	13,139	11,448	8,214	19,384	10,271

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	50:Case 50	51:Case 51	52:Case 52	53:Case 53	54:Case 54	55:Case 55
1:Case 1	56,873	30,952	37,097	42,529	52,437	40,141
2:Case 2	58,782	41,355	49,358	37,629	48,128	52,281
3:Case 3	23,238	20,856	32,970	39,620	22,986	40,383
4:Case 4	23,195	9,418	15,842	33,484	19,393	12,731
5:Case 5	22,268	12,126	29,621	52,181	20,477	26,552
6:Case 6	28,670	17,691	43,609	58,728	27,780	45,816
7:Case 7	62,670	32,136	34,511	25,353	56,922	38,824
8:Case 8	24,901	11,791	14,277	29,664	16,286	12,909
9:Case 9	22,200	11,051	15,061	33,474	23,307	11,736
10:Case 10	37,454	22,848	28,155	57,923	24,245	34,304
11:Case 11	21,427	7,030	32,240	47,407	22,957	24,890
12:Case 12	44,877	27,809	25,295	16,338	35,451	26,061
13:Case 13	40,054	25,948	21,779	30,731	29,035	23,479
14:Case 14	27,392	21,763	37,061	40,464	29,485	44,538
15:Case 15	31,549	22,427	41,750	64,297	20,354	44,376
16:Case 16	28,955	22,212	37,434	62,985	14,275	26,230
17:Case 17	47,179	24,028	50,789	70,884	31,799	43,192
18:Case 18	28,935	13,343	13,781	22,964	15,979	13,215
19:Case 19	34,423	29,189	52,300	59,484	31,751	40,875
20:Case 20	37,827	30,717	49,306	56,738	27,236	48,454
21:Case 21	20,551	12,903	37,284	51,900	9,565	25,136
22:Case 22	19,966	11,922	23,181	52,948	13,978	22,257
23:Case 23	14,552	24,389	16,474	51,253	14,669	11,245
24:Case 24	35,016	32,992	17,755	50,760	22,471	23,885
25:Case 25	27,431	11,171	18,555	29,993	17,115	13,240
26:Case 26	26,506	14,511	22,065	62,850	22,241	18,501
27:Case 27	28,698	8,358	22,700	40,343	19,694	23,831
28:Case 28	18,874	20,087	36,383	51,944	13,915	37,141
29:Case 29	32,085	25,451	29,558	47,468	29,876	21,323
30:Case 30	19,389	15,275	20,032	46,354	14,161	15,934
31:Case 31	40,160	35,668	55,749	86,976	27,357	56,083
32:Case 32	36,392	14,093	17,969	32,585	25,953	23,279
33:Case 33	37,857	22,865	21,084	27,298	33,356	25,487
34:Case 34	36,317	21,143	19,458	28,896	31,402	26,256
35:Case 35	38,209	27,834	21,741	40,680	43,496	15,882
36:Case 36	22,684	18,855	13,982	33,140	18,650	8,046
37:Case 37	34,549	14,396	14,935	32,027	26,573	22,963
38:Case 38	11,360	11,598	29,203	62,218	6,702	20,453
39:Case 39	46,390	17,616	18,562	41,985	32,152	12,346
40:Case 40	70,513	32,273	38,479	45,733	56,624	31,562
41:Case 41	15,228	18,713	34,031	70,293	9,795	22,161
42:Case 42	63,183	42,976	27,909	47,347	53,829	33,946
43:Case 43	44,926	15,615	20,061	41,897	26,599	19,358
44:Case 44	38,921	15,712	25,082	42,174	25,716	33,158
45:Case 45	22,416	10,495	21,250	46,321	12,853	20,830
46:Case 46	19,082	15,107	11,752	36,342	12,686	8,172
47:Case 47	21,711	25,601	18,425	30,027	18,085	24,523
48:Case 48	31,426	21,952	31,477	51,783	33,361	36,341
49:Case 49	19,200	9,908	8,410	34,252	16,943	10,895
50:Case 50	,000	26,232	36,044	60,123	16,787	32,244
51:Case 51	26,232	,000	30,667	54,537	18,601	19,400
52:Case 52	36,044	30,667	,000	26,834	32,772	12,284
53:Case 53	60,123	54,537	26,834	,000	61,056	36,666
54:Case 54	16,787	18,601	32,772	61,056	,000	23,720
55:Case 55	32,244	19,400	12,284	36,666	23,720	,000

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	50:Case 50	51:Case 51	52:Case 52	53:Case 53	54:Case 54	55:Case 55
56:Case 56	27,693	18,712	17,902	22,355	24,299	13,727
57:Case 57	27,518	22,481	18,182	43,816	31,616	4,442
58:Case 58	19,024	10,124	26,672	40,774	15,328	23,268
59:Case 59	62,667	36,983	19,974	27,162	46,156	29,780
60:Case 60	33,270	12,361	34,934	61,454	17,275	34,274
61:Case 61	29,049	11,525	11,697	29,561	21,888	17,464
62:Case 62	34,334	30,696	44,519	56,856	24,322	48,540
63:Case 63	25,479	7,488	32,889	55,228	18,396	28,010
64:Case 64	28,888	19,535	40,771	46,428	22,151	42,346
65:Case 65	38,193	26,668	35,324	36,760	29,071	45,427
66:Case 66	43,426	26,072	23,040	28,745	43,163	29,010
67:Case 67	50,554	32,408	13,781	29,457	39,463	19,938
68:Case 68	22,829	25,100	46,193	63,556	15,751	40,505
69:Case 69	43,388	29,372	10,281	14,733	32,703	15,900
70:Case 70	31,781	16,992	11,508	19,943	26,893	18,073
71:Case 71	25,147	13,276	10,063	30,403	14,182	13,155
72:Case 72	47,119	26,021	39,846	48,446	24,283	41,339
73:Case 73	31,622	16,079	15,333	19,786	20,980	14,375

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadiertes euklidisches Distanzma					
	56:Case 56	57:Case 57	58:Case 58	59:Case 59	60:Case 60	61:Case 61
1:Case 1	36,663	52,196	25,076	32,679	41,329	24,719
2:Case 2	29,892	68,939	26,494	32,755	38,003	32,994
3:Case 3	24,983	48,665	8,845	33,061	18,077	13,491
4:Case 4	9,294	17,011	13,314	18,799	12,432	5,227
5:Case 5	12,273	31,109	5,997	34,915	8,637	13,370
6:Case 6	31,406	51,558	18,427	40,320	11,178	16,295
7:Case 7	19,866	45,424	34,723	25,173	35,322	21,510
8:Case 8	6,481	17,808	12,319	19,206	10,397	4,786
9:Case 9	9,903	15,396	15,161	19,389	18,569	8,098
10:Case 10	31,151	48,762	17,611	26,517	19,982	16,101
11:Case 11	14,347	28,551	10,117	30,674	13,949	13,566
12:Case 12	13,361	34,513	19,968	19,698	38,506	21,363
13:Case 13	9,277	28,100	25,798	21,083	26,268	19,841
14:Case 14	23,906	51,859	8,728	32,217	17,424	14,398
15:Case 15	30,799	56,294	18,425	36,227	7,047	17,317
16:Case 16	22,425	31,540	25,282	38,615	15,970	22,637
17:Case 17	35,551	58,856	23,795	33,493	21,990	27,622
18:Case 18	8,026	22,240	12,221	12,329	17,710	7,575
19:Case 19	29,761	52,287	22,286	48,967	25,876	31,074
20:Case 20	39,945	63,601	25,626	35,414	30,782	28,982
21:Case 21	14,697	29,532	12,193	40,307	10,678	17,429
22:Case 22	19,293	28,393	9,755	35,094	8,544	8,456
23:Case 23	21,910	14,101	20,092	47,305	28,140	18,188
24:Case 24	17,097	30,936	25,144	31,456	22,734	20,695
25:Case 25	12,128	20,685	15,465	18,139	16,939	8,218
26:Case 26	32,127	24,122	20,025	44,054	32,011	19,749
27:Case 27	16,915	32,352	12,255	21,416	9,052	5,326
28:Case 28	21,093	43,278	9,563	42,920	6,307	13,866
29:Case 29	26,323	28,653	26,854	31,354	42,152	28,594
30:Case 30	15,781	16,306	20,606	33,269	15,809	11,889
31:Case 31	45,903	67,614	32,077	55,332	12,998	28,082
32:Case 32	14,223	29,918	13,382	21,540	8,096	2,568
33:Case 33	19,744	27,304	23,484	40,625	25,749	11,806
34:Case 34	27,344	31,000	20,917	37,505	32,087	12,899
35:Case 35	25,907	17,706	25,608	51,797	48,913	25,140
36:Case 36	12,619	15,312	16,761	29,494	29,484	16,707
37:Case 37	16,495	31,182	10,401	19,503	11,078	1,633
38:Case 38	18,705	23,309	10,455	48,764	10,573	16,462
39:Case 39	21,944	19,450	32,401	26,453	30,766	16,180
40:Case 40	37,132	47,021	34,346	35,480	52,643	33,504
41:Case 41	22,700	26,216	17,570	55,104	16,192	23,577
42:Case 42	36,413	37,258	57,268	39,774	42,929	27,160
43:Case 43	19,843	26,616	17,764	32,003	14,589	7,503
44:Case 44	17,226	40,416	13,764	29,601	6,331	7,389
45:Case 45	15,834	26,967	11,701	32,659	6,915	7,030
46:Case 46	10,799	13,851	13,426	29,329	18,415	10,483
47:Case 47	10,909	30,040	13,161	25,830	13,774	9,553
48:Case 48	16,962	40,318	9,383	39,031	20,244	20,381
49:Case 49	12,904	15,214	11,328	24,548	13,951	3,241
50:Case 50	27,693	27,518	19,024	62,667	33,270	29,049
51:Case 51	18,712	22,481	10,124	36,983	12,361	11,525
52:Case 52	17,902	18,182	26,672	19,974	34,934	11,697
53:Case 53	22,355	43,816	40,774	27,162	61,454	29,561
54:Case 54	24,299	31,616	15,328	46,156	17,275	21,888
55:Case 55	13,727	4,442	23,268	29,780	34,274	17,464

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	56:Case 56	57:Case 57	58:Case 58	59:Case 59	60:Case 60	61:Case 61
56:Case 56	,000	16,589	13,413	20,061	22,974	14,648
57:Case 57	16,589	,000	29,450	41,762	43,691	25,063
58:Case 58	13,413	29,450	,000	36,916	11,219	9,791
59:Case 59	20,061	41,762	36,916	,000	36,662	19,684
60:Case 60	22,974	43,691	11,219	36,662	,000	10,664
61:Case 61	14,648	25,063	9,791	19,684	10,664	,000
62:Case 62	30,574	57,912	19,993	46,893	11,007	18,379
63:Case 63	20,134	35,571	9,036	32,565	4,873	9,505
64:Case 64	21,727	50,248	13,963	31,635	9,334	14,985
65:Case 65	20,603	55,804	15,640	32,517	14,256	15,589
66:Case 66	7,529	30,511	22,851	19,681	29,038	19,965
67:Case 67	20,764	26,074	38,311	23,661	31,997	15,015
68:Case 68	27,766	47,581	24,545	38,099	17,013	25,408
69:Case 69	14,597	22,765	26,120	14,171	34,876	12,539
70:Case 70	6,545	22,391	13,429	18,696	19,728	7,171
71:Case 71	7,902	20,252	10,304	17,960	10,151	3,794
72:Case 72	20,157	53,580	13,553	37,559	11,564	19,593
73:Case 73	2,632	21,479	11,804	14,274	16,998	8,734

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	62:Case 62	63:Case 63	64:Case 64	65:Case 65	66:Case 66	67:Case 67
1:Case 1	65,508	31,624	36,918	46,611	43,541	54,350
2:Case 2	53,060	30,520	24,271	33,855	37,245	59,902
3:Case 3	21,919	12,181	7,721	14,351	28,039	48,451
4:Case 4	21,420	7,559	14,338	21,472	18,814	13,502
5:Case 5	16,148	6,958	14,878	14,558	17,928	35,729
6:Case 6	23,180	7,095	4,998	22,928	35,890	43,175
7:Case 7	33,052	33,081	35,035	17,773	17,946	20,160
8:Case 8	17,140	9,933	13,203	16,802	14,588	11,468
9:Case 9	28,176	9,192	18,000	25,562	17,781	18,016
10:Case 10	28,655	16,081	26,435	26,224	41,391	40,257
11:Case 11	23,555	5,171	13,379	18,894	21,201	33,995
12:Case 12	52,054	31,951	26,888	29,139	16,076	39,576
13:Case 13	36,639	25,049	21,584	23,975	6,978	25,715
14:Case 14	20,305	12,127	8,028	12,610	25,938	49,421
15:Case 15	12,873	7,512	8,295	16,750	40,436	39,044
16:Case 16	16,918	19,316	25,305	27,057	40,561	25,482
17:Case 17	34,418	14,142	23,552	32,346	47,957	53,987
18:Case 18	29,817	14,365	15,158	19,187	16,354	18,780
19:Case 19	36,662	16,595	20,656	36,020	48,445	52,969
20:Case 20	40,107	19,644	16,707	32,970	51,002	61,155
21:Case 21	13,114	12,166	15,959	18,611	31,919	29,067
22:Case 22	16,496	7,714	17,879	23,809	33,726	25,539
23:Case 23	32,937	23,462	35,897	42,298	40,647	28,104
24:Case 24	25,847	26,625	31,391	25,579	20,221	27,603
25:Case 25	30,331	11,233	14,449	26,105	23,916	18,010
26:Case 26	52,468	21,572	39,740	48,575	42,138	44,134
27:Case 27	19,000	4,179	9,998	17,131	23,154	22,282
28:Case 28	6,404	9,652	7,837	12,709	33,494	35,023
29:Case 29	63,921	28,366	36,842	52,635	42,621	45,363
30:Case 30	21,695	16,697	22,668	28,943	30,003	13,599
31:Case 31	10,114	16,673	21,119	28,197	61,153	44,995
32:Case 32	16,379	11,112	13,378	14,501	17,508	14,071
33:Case 33	27,722	30,022	31,930	21,653	25,793	12,729
34:Case 34	46,518	31,952	33,528	31,482	34,511	26,112
35:Case 35	60,849	36,521	52,316	52,671	31,948	43,488
36:Case 36	43,501	22,197	31,946	34,556	28,743	24,027
37:Case 37	18,174	12,376	17,875	13,956	21,408	17,053
38:Case 38	20,052	10,671	19,908	26,357	34,386	32,761
39:Case 39	49,611	25,293	39,517	45,577	34,351	13,070
40:Case 40	82,552	39,361	51,983	57,927	44,358	55,370
41:Case 41	22,552	14,666	26,487	32,937	40,541	36,756
42:Case 42	44,872	47,202	54,801	44,558	44,917	3,887
43:Case 43	25,327	18,862	26,997	26,115	24,770	18,941
44:Case 44	15,523	12,732	14,088	11,208	18,074	21,184
45:Case 45	14,046	8,637	16,249	18,002	28,235	16,864
46:Case 46	28,370	17,490	26,790	26,495	27,320	14,581
47:Case 47	12,864	15,166	11,251	15,494	19,635	21,890
48:Case 48	28,631	19,904	26,425	16,429	15,973	47,337
49:Case 49	24,821	11,169	19,849	22,031	21,502	13,398
50:Case 50	34,334	25,479	28,888	38,193	43,426	50,554
51:Case 51	30,696	7,488	19,535	26,668	26,072	32,408
52:Case 52	44,519	32,889	40,771	35,324	23,040	13,781
53:Case 53	56,856	55,228	46,428	36,760	28,745	29,457
54:Case 54	24,322	18,396	22,151	29,071	43,163	39,463
55:Case 55	48,540	28,010	42,346	45,427	29,010	19,938

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß					
	62:Case 62	63:Case 63	64:Case 64	65:Case 65	66:Case 66	67:Case 67
56:Case 56	30,574	20,134	21,727	20,603	7,529	20,764
57:Case 57	57,912	35,571	50,248	55,804	30,511	26,074
58:Case 58	19,993	9,036	13,963	15,640	22,851	38,311
59:Case 59	46,893	32,565	31,635	32,517	19,681	23,661
60:Case 60	11,007	4,873	9,334	14,256	29,038	31,997
61:Case 61	18,379	9,505	14,985	15,589	19,965	15,015
62:Case 62	,000	16,209	14,397	10,519	40,608	35,959
63:Case 63	16,209	,000	6,780	18,610	26,372	35,246
64:Case 64	14,397	6,780	,000	13,249	25,314	41,332
65:Case 65	10,519	18,610	13,249	,000	21,564	32,162
66:Case 66	40,608	26,372	25,314	21,564	,000	30,108
67:Case 67	35,959	35,246	41,332	32,162	30,108	,000
68:Case 68	17,519	11,306	9,255	25,609	40,145	44,105
69:Case 69	45,988	32,554	30,747	35,246	21,789	16,970
70:Case 70	24,997	20,601	22,472	11,699	8,008	13,753
71:Case 71	16,616	12,377	16,948	13,549	16,223	11,222
72:Case 72	18,990	19,493	15,207	12,342	21,973	43,561
73:Case 73	25,558	15,181	14,790	15,714	7,904	18,068

Dies ist eine Unähnlichkeitsmatrix

Nherungsmatrix

Fall	Quadrirtes euklidisches Distanzma					
	68:Case 68	69:Case 69	70:Case 70	71:Case 71	72:Case 72	73:Case 73
1:Case 1	55,770	28,366	35,800	34,057	49,572	30,940
2:Case 2	40,982	34,243	37,410	35,576	34,500	24,105
3:Case 3	19,721	28,648	20,410	18,523	20,355	18,172
4:Case 4	15,584	15,507	10,694	4,818	27,052	7,622
5:Case 5	19,229	36,478	14,506	10,196	16,430	13,609
6:Case 6	13,890	36,739	29,992	21,946	29,569	24,469
7:Case 7	47,395	32,829	11,900	21,326	35,329	17,920
8:Case 8	17,553	12,175	6,643	2,230	17,231	3,786
9:Case 9	17,622	18,164	12,541	8,308	33,189	9,255
10:Case 10	25,116	36,652	27,183	16,485	34,777	26,388
11:Case 11	14,625	34,143	16,985	13,776	28,569	14,723
12:Case 12	43,967	10,994	14,964	21,296	25,253	8,871
13:Case 13	30,472	16,673	10,954	13,940	18,243	5,621
14:Case 14	21,651	32,499	20,293	19,429	20,661	19,079
15:Case 15	8,550	42,498	29,990	16,791	25,438	24,886
16:Case 16	14,392	39,240	25,847	12,772	32,454	23,011
17:Case 17	19,824	51,141	40,280	27,703	40,612	31,748
18:Case 18	21,373	7,124	8,409	5,638	19,798	3,473
19:Case 19	20,070	48,141	42,499	30,653	42,692	29,113
20:Case 20	17,251	40,639	42,110	32,461	41,792	31,214
21:Case 21	12,806	33,791	19,061	10,342	20,567	15,282
22:Case 22	17,597	28,417	19,327	7,718	26,220	17,621
23:Case 23	29,040	27,829	25,225	14,169	41,085	22,495
24:Case 24	30,944	30,054	16,189	11,067	20,589	15,425
25:Case 25	17,559	10,531	14,708	8,428	27,775	7,511
26:Case 26	38,905	32,496	29,597	22,409	46,806	28,597
27:Case 27	14,525	21,405	14,074	8,198	22,712	11,002
28:Case 28	12,283	34,747	21,128	11,600	16,196	18,398
29:Case 29	33,806	26,859	35,714	27,670	56,989	26,137
30:Case 30	18,769	21,181	16,122	6,962	32,293	15,343
31:Case 31	13,663	61,949	44,834	25,687	38,229	40,887
32:Case 32	26,952	14,476	7,706	4,833	14,929	8,246
33:Case 33	46,495	19,072	8,414	12,332	27,852	16,025
34:Case 34	51,171	13,508	15,464	17,730	36,271	20,807
35:Case 35	62,299	29,848	24,852	29,050	47,476	25,259
36:Case 36	30,391	18,398	17,869	12,398	38,456	13,331
37:Case 37	29,921	16,434	7,780	4,808	20,007	11,606
38:Case 38	16,249	35,640	22,020	10,915	25,193	19,290
39:Case 39	39,426	18,180	21,899	15,771	47,293	18,288
40:Case 40	66,660	32,522	39,181	39,774	55,966	31,408
41:Case 41	16,886	44,675	29,135	15,871	31,773	24,246
42:Case 42	54,134	33,452	26,149	23,366	62,048	33,654
43:Case 43	40,525	18,049	12,088	9,150	16,692	12,843
44:Case 44	29,191	23,447	9,471	7,508	10,108	11,249
45:Case 45	17,495	24,439	13,520	4,764	21,535	13,139
46:Case 46	24,995	17,412	12,669	4,937	30,211	11,448
47:Case 47	17,178	16,603	12,182	6,378	15,876	8,214
48:Case 48	38,200	41,748	14,837	17,219	19,291	19,384
49:Case 49	23,791	14,076	8,708	3,754	27,611	10,271
50:Case 50	22,829	43,388	31,781	25,147	47,119	31,622
51:Case 51	25,100	29,372	16,992	13,276	26,021	16,079
52:Case 52	46,193	10,281	11,508	10,063	39,846	15,333
53:Case 53	63,556	14,733	19,943	30,403	48,446	19,786
54:Case 54	15,751	32,703	26,893	14,182	24,283	20,980
55:Case 55	40,505	15,900	18,073	13,155	41,339	14,375

Dies ist eine Unhnlichkeitsmatrix

Näherungsmatrix

Fall	Quadrirtes euklidisches Distanzmaß					
	68:Case 68	69:Case 69	70:Case 70	71:Case 71	72:Case 72	73:Case 73
56:Case 56	27,766	14,597	6,545	7,902	20,157	2,632
57:Case 57	47,581	22,765	22,391	20,252	53,580	21,479
58:Case 58	24,545	26,120	13,429	10,304	13,553	11,804
59:Case 59	38,099	14,171	18,696	17,960	37,559	14,274
60:Case 60	17,013	34,876	19,728	10,151	11,564	16,998
61:Case 61	25,408	12,539	7,171	3,794	19,593	8,734
62:Case 62	17,519	45,988	24,997	16,616	18,990	25,558
63:Case 63	11,306	32,554	20,601	12,377	19,493	15,181
64:Case 64	9,255	30,747	22,472	16,948	15,207	14,790
65:Case 65	25,609	35,246	11,699	13,549	12,342	15,714
66:Case 66	40,145	21,789	8,008	16,223	21,973	7,904
67:Case 67	44,105	16,970	13,753	11,222	43,561	18,068
68:Case 68	,000	42,857	34,247	21,299	32,536	24,110
69:Case 69	42,857	,000	12,820	12,762	32,233	9,020
70:Case 70	34,247	12,820	,000	4,628	17,814	4,936
71:Case 71	21,299	12,762	4,628	,000	16,024	5,270
72:Case 72	32,536	32,233	17,814	16,024	,000	13,220
73:Case 73	24,110	9,020	4,936	5,270	13,220	,000

Dies ist eine Unähnlichkeitsmatrix

Ward-Linkage

Zuordnungsübersicht

Schritt	Zusammengeführte Cluster		Koeffizienten	Erstes Vorkommen des Clusters		Nächster Schritt
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
1	37	61	,817	0	0	32
2	4	9	1,633	0	0	30
3	3	14	2,535	0	0	43
4	8	71	3,650	0	0	20
5	38	41	4,836	0	0	31
6	22	45	6,061	0	0	27
7	56	73	7,377	0	0	26
8	18	25	8,804	0	0	30
9	32	44	10,451	0	0	23
10	42	67	12,394	0	0	59
11	46	49	14,375	0	0	22
12	27	63	16,464	0	0	19
13	55	57	18,685	0	0	52
14	6	64	21,184	0	0	43
15	16	21	23,848	0	0	42
16	5	48	26,583	0	0	24
17	28	60	29,736	0	0	29
18	15	31	32,959	0	0	38
19	11	27	36,320	0	12	25
20	8	70	39,706	4	0	26
21	13	66	43,195	0	0	51
22	36	46	46,713	0	11	37
23	32	43	50,745	9	0	32
24	5	58	54,961	16	0	54
25	11	51	59,317	19	0	56
26	8	56	63,711	20	7	35
27	22	30	68,203	6	0	42

Zuordnungsübersicht

Schritt	Zusammengeführte Cluster		Koeffizienten	Erstes Vorkommen des Clusters		Nächster Schritt
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
28	10	17	72,904	0	0	44
29	28	62	77,657	17	0	48
30	4	18	82,693	2	8	40
31	38	54	87,796	5	0	46
32	32	37	92,920	23	1	55
33	52	69	98,060	0	0	49
34	1	40	103,371	0	0	50
35	8	47	108,847	26	0	53
36	65	72	115,018	0	0	54
37	23	36	121,235	0	22	52
38	15	68	127,565	18	0	48
39	33	34	134,186	0	0	55
40	4	39	141,707	30	0	56
41	12	53	149,876	0	0	58
42	16	22	158,280	15	27	57
43	3	6	166,686	3	14	62
44	10	20	175,678	28	0	61
45	2	19	184,848	0	0	61
46	38	50	194,120	31	0	57
47	26	35	203,474	0	0	60
48	15	28	212,848	38	29	65
49	52	59	222,516	33	0	58
50	1	29	232,210	34	0	63
51	13	24	242,284	21	0	53
52	23	55	253,038	37	13	60
53	8	13	263,838	35	51	64
54	5	65	276,536	24	36	62
55	32	33	289,732	32	39	66
56	4	11	303,532	40	25	67
57	16	38	317,606	42	46	65
58	12	52	331,725	41	49	64
59	7	42	346,785	0	10	66
60	23	26	362,485	52	47	67
61	2	10	379,259	45	44	63
62	3	5	401,168	43	54	69
63	1	2	427,622	50	61	71
64	8	12	455,366	53	58	68
65	15	16	483,760	48	57	69
66	7	32	512,208	59	55	68
67	4	23	545,554	56	60	70
68	7	8	584,100	66	64	70
69	3	15	632,794	62	65	71
70	4	7	697,218	67	68	72
71	1	3	802,199	63	69	72
72	1	4	936,000	71	70	0

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	59:Case 59		69:Case 69		52:Case 52		53:Case 53		12:Case 12		24:Case 24		66:Case 66		13:Case 13	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	59:Case 59		69:Case 69		52:Case 52		53:Case 53		12:Case 12		24:Case 24		66:Case 66		13:Case 13	
53	X		X		X		X		X		X		X		X	
54	X		X		X		X		X		X		X		X	
55	X		X		X		X		X		X		X		X	
56	X		X		X		X		X		X		X		X	
57	X		X		X		X		X		X		X		X	
58	X		X		X		X		X		X		X		X	
59	X		X		X		X		X		X		X		X	
60	X		X		X		X		X		X		X		X	
61	X		X		X		X		X		X		X		X	
62	X		X		X		X		X		X		X		X	
63	X		X		X		X		X		X		X		X	
64	X		X		X		X		X		X		X		X	
65	X		X		X		X		X		X		X		X	
66	X		X		X		X		X		X		X		X	
67	X		X		X		X		X		X		X		X	
68	X		X		X		X		X		X		X		X	
69	X		X		X		X		X		X		X		X	
70	X		X		X		X		X		X		X		X	
71	X		X		X		X		X		X		X		X	
72	X		X		X		X		X		X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	47:Case 47		73:Case 73		56:Case 56		70:Case 70		71:Case 71		8:Case 8		34:Case 34		33:Case 33	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	47:Case 47		73:Case 73		56:Case 56		70:Case 70		71:Case 71		8:Case 8		34:Case 34		33:Case 33	
53	X		X	X	X		X	X	X	X		X		X		X
54	X		X	X	X		X	X	X	X		X		X		X
55	X		X	X	X		X	X	X	X		X		X		X
56	X		X	X	X		X	X	X	X		X		X		X
57	X		X	X	X		X	X	X	X		X		X		X
58	X		X	X	X		X	X	X	X		X		X		X
59	X		X	X	X		X	X	X	X		X		X		X
60	X		X	X	X		X	X	X	X		X		X		X
61	X		X	X	X		X	X	X	X		X		X		X
62	X		X	X	X		X	X	X	X		X		X		X
63	X		X	X	X		X	X	X	X		X		X		X
64	X		X	X	X		X	X	X	X		X		X		X
65	X		X	X	X		X	X	X	X		X		X		X
66	X		X	X	X		X	X	X	X		X		X		X
67	X		X	X	X		X	X	X	X		X		X		X
68	X		X	X	X		X	X	X	X		X		X		X
69	X		X	X	X		X	X	X	X		X		X		X
70	X		X	X	X		X	X	X	X		X		X		X
71	X		X	X	X		X	X	X	X		X		X		X
72	X		X	X	X		X	X	X	X		X		X		X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	61:Case 61		37:Case 37		43:Case 43		44:Case 44		32:Case 32		67:Case 67		42:Case 42		7:Case 7	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	61:Case 61		37:Case 37		43:Case 43		44:Case 44		32:Case 32		67:Case 67		42:Case 42		7:Case 7
53	X	X	X		X		X	X	X		X	X	X		X
54	X	X	X		X		X	X	X		X	X	X		X
55	X	X	X		X		X	X	X		X	X	X		X
56	X	X	X		X		X	X	X		X	X	X		X
57	X	X	X		X		X	X	X		X	X	X		X
58	X	X	X		X		X	X	X		X	X	X		X
59	X	X	X		X		X	X	X		X	X	X		X
60	X	X	X		X		X	X	X		X	X	X		X
61	X	X	X		X		X	X	X		X	X	X		X
62	X	X	X		X		X	X	X		X	X	X		X
63	X	X	X		X		X	X	X		X	X	X		X
64	X	X	X		X		X	X	X		X	X	X		X
65	X	X	X		X		X	X	X		X	X	X		X
66	X	X	X		X		X	X	X		X	X	X		X
67	X	X	X		X		X	X	X		X	X	X		X
68	X	X	X		X		X	X	X		X	X	X		X
69	X	X	X		X		X	X	X		X	X	X		X
70	X	X	X		X		X	X	X		X	X	X		X
71	X	X	X		X		X	X	X		X	X	X		X
72	X	X	X		X		X	X	X		X	X	X		X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	35:Case 35		26:Case 26		57:Case 57		55:Case 55		49:Case 49		46:Case 46		36:Case 36		23:Case 23	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	35:Case 35		26:Case 26		57:Case 57		55:Case 55		49:Case 49		46:Case 46		36:Case 36		23:Case 23	
53	X		X		X	X	X		X	X	X		X		X	
54	X		X		X	X	X		X	X	X		X		X	
55	X		X		X	X	X		X	X	X		X		X	
56	X		X		X	X	X		X	X	X		X		X	
57	X		X		X	X	X		X	X	X		X		X	
58	X		X		X	X	X		X	X	X		X		X	
59	X		X		X	X	X		X	X	X		X		X	
60	X		X		X	X	X		X	X	X		X		X	
61	X		X		X	X	X		X	X	X		X		X	
62	X		X		X		X		X	X	X		X		X	
63	X		X		X		X		X	X	X		X		X	
64	X		X		X		X		X	X	X		X		X	
65	X		X		X		X		X	X	X		X		X	
66	X		X		X		X		X	X	X		X		X	
67	X		X		X		X		X	X	X		X		X	
68	X		X		X		X		X	X	X		X		X	
69	X		X		X		X		X	X	X		X		X	
70	X		X		X		X		X	X	X		X		X	
71	X		X		X		X		X	X	X		X		X	
72	X		X		X		X		X	X	X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	51:Case 51		63:Case 63		27:Case 27		11:Case 11		39:Case 39		25:Case 25		18:Case 18		9:Case 9	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	51:Case 51		63:Case 63		27:Case 27		11:Case 11		39:Case 39		25:Case 25		18:Case 18		9:Case 9	
53	X		X	X	X	X	X		X		X	X	X		X	X
54	X		X	X	X	X	X		X		X	X	X		X	X
55	X		X	X	X	X	X		X		X	X	X		X	X
56	X		X	X	X	X	X		X		X	X	X		X	X
57	X		X	X	X	X	X		X		X	X	X		X	X
58	X		X	X	X	X	X		X		X	X	X		X	X
59	X		X	X	X	X	X		X		X	X	X		X	X
60	X		X	X	X	X	X		X		X	X	X		X	X
61	X		X	X	X	X	X		X		X	X	X		X	X
62	X		X	X	X	X	X		X		X	X	X		X	X
63	X		X	X	X	X	X		X		X	X	X		X	X
64	X		X	X	X	X	X		X		X	X	X		X	X
65	X		X	X	X	X	X		X		X	X	X		X	X
66	X		X	X	X	X	X		X		X	X	X		X	X
67	X		X	X	X	X	X		X		X	X	X		X	X
68	X		X	X	X	X	X		X		X	X	X		X	X
69	X		X	X	X	X	X		X		X	X	X		X	X
70	X		X	X	X	X	X		X		X	X	X		X	X
71	X		X	X	X	X	X		X		X	X	X		X	X
72	X		X	X	X	X	X		X		X	X	X		X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	4:Case 4		50:Case 50		54:Case 54		41:Case 41		38:Case 38		30:Case 30		45:Case 45		22:Case 22	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	4:Case 4		50:Case 50		54:Case 54		41:Case 41		38:Case 38		30:Case 30		45:Case 45		22:Case 22
53	X		X		X		X	X	X		X		X	X	X
54	X		X		X		X	X	X		X		X	X	X
55	X		X		X		X	X	X		X		X	X	X
56	X		X		X		X	X	X		X		X	X	X
57	X		X		X		X	X	X		X		X	X	X
58	X		X		X		X	X	X		X		X	X	X
59	X		X		X		X	X	X		X		X	X	X
60	X		X		X		X	X	X		X		X	X	X
61	X		X		X		X	X	X		X		X	X	X
62	X		X		X		X	X	X		X		X	X	X
63	X		X		X		X	X	X		X		X	X	X
64	X		X		X		X	X	X		X		X	X	X
65	X		X		X		X	X	X		X		X	X	X
66	X		X		X		X	X	X		X		X	X	X
67	X		X		X		X	X	X		X		X	X	X
68	X		X		X		X	X	X		X		X	X	X
69	X		X		X		X	X	X		X		X	X	X
70	X		X		X		X	X	X		X		X	X	X
71	X		X		X		X	X	X		X		X	X	X
72	X		X		X		X	X	X		X		X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	21:Case 21		16:Case 16		62:Case 62		60:Case 60		28:Case 28		68:Case 68		31:Case 31		15:Case 15	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	21:Case 21		16:Case 16		62:Case 62		60:Case 60		28:Case 28		68:Case 68		31:Case 31		15:Case 15
53	X	X	X		X		X	X	X		X		X	X	
54	X	X	X		X		X	X	X		X		X	X	
55	X	X	X		X		X	X	X		X		X	X	
56	X	X	X		X		X	X	X		X		X	X	
57	X	X	X		X		X	X	X		X		X	X	
58	X	X	X		X		X	X	X		X		X	X	
59	X	X	X		X		X	X	X		X		X	X	
60	X	X	X		X		X	X	X		X		X	X	
61	X	X	X		X		X	X	X		X		X	X	
62	X	X	X		X		X	X	X		X		X	X	
63	X	X	X		X		X	X	X		X		X	X	
64	X	X	X		X		X	X	X		X		X	X	
65	X	X	X		X		X	X	X		X		X	X	
66	X	X	X		X		X	X	X		X		X	X	
67	X	X	X		X		X	X	X		X		X	X	
68	X	X	X		X		X	X	X		X		X	X	
69	X	X	X		X		X	X	X		X		X	X	
70	X	X	X		X		X	X	X		X		X	X	
71	X	X	X		X		X	X	X		X		X	X	
72	X	X	X		X		X	X	X		X		X	X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	72:Case 72		65:Case 65		58:Case 58		48:Case 48		5:Case 5		64:Case 64		6:Case 6		14:Case 14	
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	72:Case 72		65:Case 65		58:Case 58		48:Case 48		5:Case 5		64:Case 64		6:Case 6		14:Case 14	
53	X		X		X		X	X	X		X	X	X		X	X
54	X		X		X		X	X	X		X	X	X		X	X
55	X		X		X		X	X	X		X	X	X		X	X
56	X		X		X		X	X	X		X	X	X		X	X
57	X		X		X		X	X	X	X	X	X	X		X	X
58	X		X		X		X	X	X		X	X	X		X	X
59	X		X		X		X	X	X		X	X	X		X	X
60	X		X		X		X	X	X	X	X	X	X		X	X
61	X		X		X		X	X	X		X	X	X		X	X
62	X		X		X		X	X	X		X	X	X		X	X
63	X		X		X		X	X	X		X	X	X		X	X
64	X		X		X		X	X	X		X	X	X		X	X
65	X		X		X		X	X	X		X	X	X		X	X
66	X		X		X		X	X	X		X	X	X		X	X
67	X		X		X		X	X	X		X	X	X		X	X
68	X		X		X		X	X	X		X	X	X		X	X
69	X		X		X		X	X	X		X	X	X		X	X
70	X		X		X		X	X	X		X	X	X		X	X
71	X		X		X		X	X	X		X	X	X		X	X
72	X		X		X		X	X	X		X	X	X		X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	3:Case 3		20:Case 20		17:Case 17		10:Case 10		19:Case 19		2:Case 2		29:Case 29		40:Case 40
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall														
	3:Case 3		20:Case 20		17:Case 17		10:Case 10		19:Case 19		2:Case 2		29:Case 29		40:Case 40
53	X		X		X		X		X		X		X		X
54	X		X		X		X		X		X		X		X
55	X		X		X		X		X		X		X		X
56	X		X		X		X		X		X		X		X
57	X		X		X		X		X		X		X		X
58	X		X		X		X		X		X		X		X
59	X		X		X		X		X		X		X		X
60	X		X		X		X		X		X		X		X
61	X		X		X		X		X		X		X		X
62	X		X		X		X		X		X		X		X
63	X		X		X		X		X		X		X		X
64	X		X		X		X		X		X		X		X
65	X		X		X		X		X		X		X		X
66	X		X		X		X		X		X		X		X
67	X		X		X		X		X		X		X		X
68	X		X		X		X		X		X		X		X
69	X		X		X		X		X		X		X		X
70	X		X		X		X		X		X		X		X
71	X		X		X		X		X		X		X		X
72	X		X		X		X		X		X		X		X

Vertikales Eiszapfendiagramm

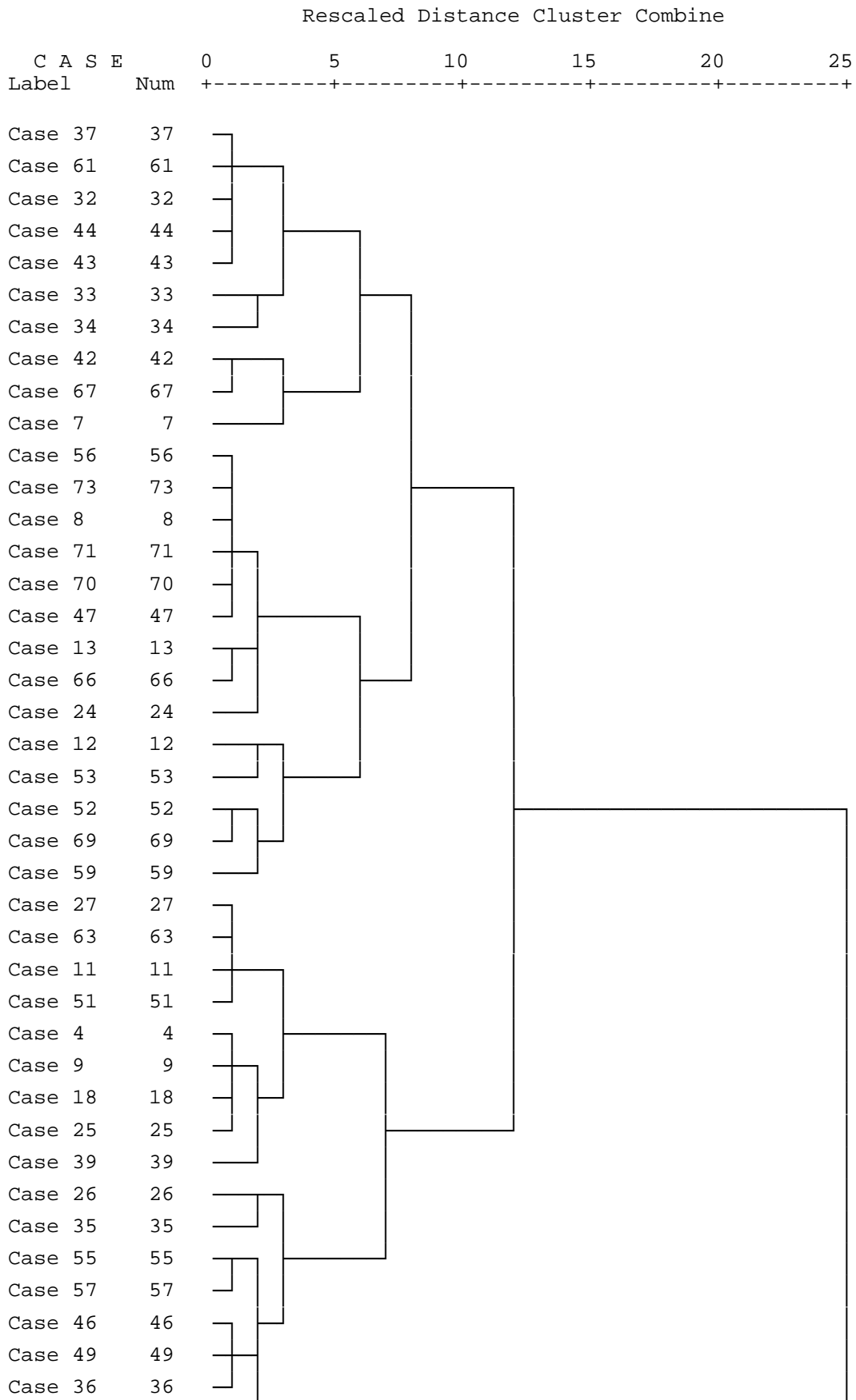
Anzahl der Cluster	Fall	
		1. Case 1
1	X	X
2	X	X
3	X	X
4	X	X
5	X	X
6	X	X
7	X	X
8	X	X
9	X	X
10	X	X
11	X	X
12	X	X
13	X	X
14	X	X
15	X	X
16	X	X
17	X	X
18	X	X
19	X	X
20	X	X
21	X	X
22	X	X
23	X	X
24	X	X
25	X	X
26	X	X
27	X	X
28	X	X
29	X	X
30	X	X
31	X	X
32	X	X
33	X	X
34	X	X
35	X	X
36	X	X
37	X	X
38	X	X
39	X	X
40		X
41		X
42		X
43		X
44		X
45		X
46		X
47		X
48		X
49		X
50		X
51		X
52		X

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall	
		1. Case 1
53		X
54		X
55		X
56		X
57		X
58		X
59		X
60		X
61		X
62		X
63		X
64		X
65		X
66		X
67		X
68		X
69		X
70		X
71		X
72		X

Dendrogramm

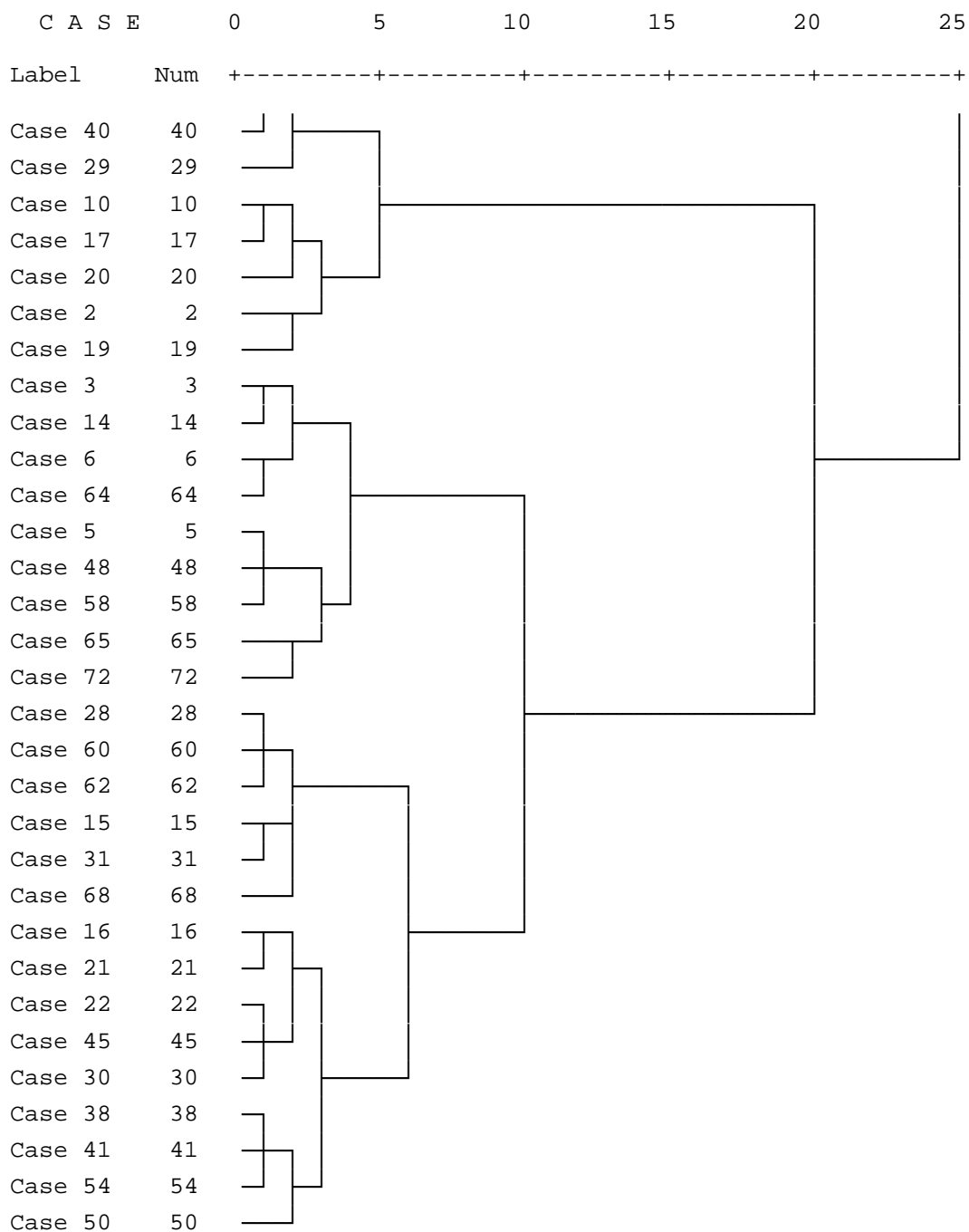
Dendrogram using Ward Method



Case 23 23 —┘
Case 1 1 └—

|

***** H I E R A R C H I C A L C L U S T E R A N A L Y S I S *****



Quick Cluster

[DatenSet3] \\RPZMS000362\U_muehlbs1\$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\User Analysis\Attitude.sav

Anfängliche Clusterzentren

	Cluster		
	1	2	3
boring - exciting	6	6	4
inefficient - efficient	5	2	2
unimportant - important	6	5	5
inexperienced - experienced	6	5	3
unsupported - is supported	6	4	4
neutral for success of employer - positive for success of employer	6	2	6
no learning benefit - learning benefit	6	5	5
not professional - professional	6	6	1
training needed - sufficiently trained	6	2	0
woolly - precise	6	3	6
uninteresting - interesting	6	6	4
unreliable - reliable	6	3	6
irrelevant - relevant	6	5	5

Iterationsprotokoll^a

Iteration	Änderung in Clusterzentren		
	1	2	3
1	3,773	3,978	3,482
2	,431	,385	,504
3	,171	,275	,325
4	,144	,264	,151
5	,208	,297	,000
6	,000	,000	,000

a. Konvergenz wurde aufgrund geringer oder keiner Änderungen der Clusterzentren erreicht. Die maximale Änderung der absoluten Koordinaten für jedes Zentrum ist ,000. Die aktuelle Iteration lautet 6. Der Mindestabstand zwischen den anfänglichen Zentren beträgt 8,185.

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
1	3	4,049
2	3	4,015
3	3	2,719
4	2	2,181
5	2	3,039
6	3	3,758
7	2	4,287
8	1	1,993
9	2	2,399
10	3	4,596
11	2	2,886
12	3	4,160
13	2	3,939
14	3	3,167
15	1	3,169
16	1	2,871
17	3	3,935

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
18	3	1,792
19	3	4,127
20	3	3,610
21	1	2,230
22	1	2,215
23	1	3,747
24	1	4,079
25	3	2,283
26	3	4,004
27	3	2,493
28	1	1,925
29	3	3,533
30	1	2,289
31	1	4,104
32	1	2,059
33	1	3,536
34	3	4,713
35	2	4,418
36	3	3,050
37	1	2,728
38	1	2,200
39	3	3,806
40	3	4,526
41	1	3,200
42	1	4,536
43	1	2,641
44	1	2,403
45	1	1,227
46	1	2,444
47	1	2,075
48	2	4,634
49	1	2,289
50	2	4,011
51	2	2,590
52	2	3,848
53	2	4,775
54	1	3,774
55	2	2,902
56	2	1,938
57	2	3,221
58	2	2,751
59	3	3,746
60	1	2,059
61	1	2,123
62	1	3,126
63	2	2,844
64	2	3,605
65	1	3,489
66	2	3,703
67	1	3,040
68	3	4,299
69	3	3,482
70	2	2,468
71	1	1,381
72	1	4,063
73	2	1,926

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
74	.	.
75	.	.
76	.	.
77	.	.
78	.	.
79	.	.
80	.	.
81	.	.
82	.	.
83	.	.
84	.	.
85	.	.
86	.	.
87	.	.
88	.	.
89	.	.
90	.	.
91	.	.
92	.	.
93	.	.
94	.	.
95	.	.
96	.	.
97	.	.
98	.	.
99	.	.
100	.	.
101	.	.
102	.	.
103	.	.
104	.	.
105	.	.
106	.	.
107	.	.
108	.	.
109	.	.
110	.	.
111	.	.
112	.	.
113	.	.
114	.	.
115	.	.
116	.	.
117	.	.
118	.	.
119	.	.
120	.	.
121	.	.
122	.	.
123	.	.
124	.	.
125	.	.
126	.	.
127	.	.
128	.	.
129	.	.

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
130	.	.
131	.	.
132	.	.
133	.	.
134	.	.
135	.	.
136	.	.
137	.	.
138	.	.
139	.	.
140	.	.
141	.	.
142	.	.

Clusterzentren der endgültigen Lösung

	Cluster		
	1	2	3
boring - exciting	5	4	5
inefficient - efficient	5	3	3
unimportant - important	5	5	5
inexperienced - experienced	5	5	4
unsupported - is supported	4	3	4
neutral for success of employer - positive for success of employer	5	5	5
no learning benefit - learning benefit	5	5	5
not professional - professional	5	5	2
training needed - sufficiently trained	5	2	2
woolly - precise	4	4	5
uninteresting - interesting	5	5	5
unreliable - reliable	4	4	5
irrelevant - relevant	5	5	5

Distanz zwischen Clusterzentren der endgültigen Lösung

Cluster	1	2	3
1		3,193	4,631
2	3,193		3,018
3	4,631	3,018	

ANOVA

	Cluster		Fehler		F	Sig.
	Mittel der Quadrate	df	Mittel der Quadrate	df		
boring - exciting	2,379	2	1,199	70	1,984	,145
inefficient - efficient	24,414	2	1,312	70	18,605	,000
unimportant - important	,341	2	,454	70	,752	,475
inexperienced - experienced	11,118	2	,786	70	14,143	,000
unsupported - is supported	2,154	2	,891	70	2,417	,097
neutral for success of employer - positive for success of employer	1,197	2	,842	70	1,422	,248
no learning benefit - learning benefit	,366	2	,320	70	1,143	,325
not professional - professional	41,125	2	,967	70	42,525	,000
training needed - sufficiently trained	73,780	2	1,215	70	60,709	,000
woolly - precise	5,703	2	1,142	70	4,995	,009
uninteresting - interesting	1,650	2	,580	70	2,846	,065
unreliable - reliable	5,390	2	1,192	70	4,520	,014
irrelevant - relevant	,148	2	,403	70	,366	,695

Die F-Tests sollten nur für beschreibende Zwecke verwendet werden, da die Cluster so gewählt wurden, daß die Differenzen zwischen Fällen in unterschiedlichen Clustern maximiert werden. Dabei werden die beobachteten Signifikanzniveaus nicht korrigiert und können daher nicht als Tests für die Hypothese der Gleichheit der Clustermittelwerte interpretiert werden.

Anzahl der Fälle in jedem Cluster

Cluster	1	30,000
	2	21,000
	3	22,000
Gültig		73,000
Fehlend		69,000

Quick Cluster

[DatenSet3] \\RPZMS000362\U_muehlbs1\$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\User Analysis\Attitude.sav

Anfängliche Clusterzentren

	Cluster			
	1	2	3	4
boring - exciting	4	5	6	3
inefficient - efficient	1	5	2	4
unimportant - important	5	6	5	5
inexperienced - experienced	1	6	5	6
unsupported - is supported	3	6	4	5
neutral for success of employer - positive for success of employer	5	6	2	6
no learning benefit - learning benefit	4	6	5	5
not professional - professional	1	4	6	5
training needed - sufficiently trained	0	1	2	6
woolly - precise	5	5	3	3
uninteresting - interesting	6	5	6	5
unreliable - reliable	5	5	3	2
irrelevant - relevant	5	6	5	5

Iterationsprotokoll^a

Iteration	Änderung in Clusterzentren			
	1	2	3	4
1	2,979	3,249	3,273	3,529
2	1,173	,671	1,227	,629
3	,000	,331	,412	,224
4	,000	,143	,000	,096
5	,000	,000	,000	,000

a. Konvergenz wurde aufgrund geringer oder keiner Änderungen der Clusterzentren erreicht. Die maximale Änderung der absoluten Koordinaten für jedes Zentrum ist ,000. Die aktuelle Iteration lautet 5. Der Mindestabstand zwischen den anfänglichen Zentren beträgt 6,928.

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
1	1	2,614
2	1	2,614
3	2	3,090
4	2	1,794
5	4	3,150
6	2	3,324
7	3	3,707
8	4	2,010
9	2	2,114
10	2	4,749
11	2	2,624
12	1	3,582
13	3	3,049
14	2	3,386
15	4	3,178
16	4	3,046
17	2	4,403
18	2	2,426

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
19	2	4,048
20	1	3,240
21	4	2,335
22	4	2,165
23	4	3,731
24	4	3,968
25	2	2,247
26	2	3,681
27	2	1,544
28	4	1,995
29	1	2,739
30	4	2,529
31	4	4,268
32	4	2,082
33	4	3,619
34	2	4,870
35	2	5,104
36	2	2,867
37	4	2,517
38	4	2,232
39	2	3,144
40	1	2,550
41	4	3,242
42	4	4,738
43	4	2,730
44	4	2,409
45	4	1,408
46	4	2,348
47	4	2,039
48	4	5,086
49	4	2,151
50	2	3,636
51	2	1,817
52	4	3,763
53	3	3,538
54	4	3,855
55	2	2,981
56	3	1,905
57	2	3,636
58	4	2,927
59	3	3,459
60	4	2,138
61	4	1,966
62	4	3,233
63	2	2,114
64	2	3,209
65	4	3,314
66	3	2,822
67	4	3,159
68	2	3,566
69	3	3,209
70	3	2,487
71	4	1,181
72	4	3,990
73	3	1,319
74	.	.

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
75	.	.
76	.	.
77	.	.
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127	.	.
128	.	.
129	.	.
130	.	.

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
131	.	.
132	.	.
133	.	.
134	.	.
135	.	.
136	.	.
137	.	.
138	.	.
139	.	.
140	.	.
141	.	.
142	.	.

Clusterzentren der endgültigen Lösung

	Cluster			
	1	2	3	4
boring - exciting	5	4	5	5
inefficient - efficient	2	4	3	4
unimportant - important	5	6	5	5
inexperienced - experienced	2	5	4	5
unsupported - is supported	4	4	4	4
neutral for success of employer - positive for success of employer	6	5	4	5
no learning benefit - learning benefit	5	5	5	5
not professional - professional	1	4	4	5
training needed - sufficiently trained	0	2	2	5
woolly - precise	5	5	3	4
uninteresting - interesting	6	5	5	5
unreliable - reliable	5	5	3	4
irrelevant - relevant	5	5	5	5

Distanz zwischen Clusterzentren der endgültigen Lösung

Cluster	1	2	3	4
1		4,371	5,205	7,063
2	4,371		3,405	3,232
3	5,205	3,405		4,224
4	7,063	3,232	4,224	

ANOVA

	Cluster		Fehler		F	Sig.
	Mittel der Quadrate	df	Mittel der Quadrate	df		
boring - exciting	1,622	3	1,215	69	1,336	,270
inefficient - efficient	12,942	3	1,476	69	8,767	,000
unimportant - important	1,623	3	,400	69	4,063	,010
inexperienced - experienced	13,045	3	,553	69	23,610	,000
unsupported - is supported	,571	3	,942	69	,607	,613
neutral for success of employer - positive for success of employer	2,933	3	,761	69	3,853	,013
no learning benefit - learning benefit	,059	3	,333	69	,178	,911
not professional - professional	25,035	3	1,085	69	23,082	,000
training needed - sufficiently trained	62,097	3	,672	69	92,462	,000
woolly - precise	6,787	3	1,028	69	6,600	,001
uninteresting - interesting	,311	3	,623	69	,499	,684
unreliable - reliable	12,610	3	,818	69	15,423	,000
irrelevant - relevant	1,363	3	,354	69	3,850	,013

Die F-Tests sollten nur für beschreibende Zwecke verwendet werden, da die Cluster so gewählt wurden, daß die Differenzen zwischen Fällen in unterschiedlichen Clustern maximiert werden. Dabei werden die beobachteten Signifikanzniveaus nicht korrigiert und können daher nicht als Tests für die Hypothese der Gleichheit der Clustermittelwerte interpretiert werden.

Anzahl der Fälle in jedem Cluster

Cluster	1	6,000
	2	24,000
	3	9,000
	4	34,000
Gültig		73,000
Fehlend		69,000

Diskriminanzanalyse

[DatenSet3] \\RPZMS000362\U_muehlbs1\$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\User Analysis\Attitude.sav

Analyse der verarbeiteten Fälle.

Ungewichtete Fälle	N	Prozent
Gültig	73	51,4
Ausgeschlossen		
Gruppencodes fehlend oder außerhalb des Bereichs	0	,0
Mindestens eine fehlende Diskriminanz-Variable	0	,0
Beide fehlenden oder außerhalb des Bereichs liegenden Gruppencodes und mindestens eine fehlende Diskriminanz-Variable	69	48,6
Gesamtzahl der ausgeschlossenen	69	48,6
Gesamtzahl der Fälle	142	100,0

Gruppenstatistik

Cluster-Nr. des Falls	Mittelwert	Standardabweichung	Gültige Werte (listenweise)			
			Ungewichtet	Gewichtet		
1	boring - exciting	5,03	1,066	30	30,000	
	inefficient - efficient	4,80	,805	30	30,000	
	unimportant - important	5,40	,621	30	30,000	
	inexperienced - experienced	5,13	,507	30	30,000	
	unsupported - is supported	4,07	,907	30	30,000	
	neutral for success of employer - positive for success of employer	5,13	1,008	30	30,000	
	no learning benefit - learning benefit	5,17	,461	30	30,000	
	not professional - professional	4,77	,817	30	30,000	
	training needed - sufficiently trained	4,80	,664	30	30,000	
	woolly - precise	4,27	1,015	30	30,000	
	uninteresting - interesting	5,10	,803	30	30,000	
	unreliable - reliable	4,47	1,008	30	30,000	
	irrelevant - relevant	5,33	,606	30	30,000	
	2	boring - exciting	4,43	1,207	21	21,000
		inefficient - efficient	3,19	1,167	21	21,000
unimportant - important		5,19	,750	21	21,000	
inexperienced - experienced		4,71	,644	21	21,000	
unsupported - is supported		3,48	,602	21	21,000	
neutral for success of employer - positive for success of employer		5,00	1,000	21	21,000	
no learning benefit - learning benefit		4,95	,590	21	21,000	
not professional - professional		4,52	,814	21	21,000	
training needed - sufficiently trained		2,38	1,322	21	21,000	
woolly - precise		3,62	1,071	21	21,000	
uninteresting - interesting		4,86	,793	21	21,000	
unreliable - reliable		4,00	1,342	21	21,000	
irrelevant - relevant		5,29	,644	21	21,000	

Gruppenstatistik

Cluster-Nr. des Falls	Mittelwert	Standardabweichung	Gültige Werte (listenweise)			
			Ungewichtet	Gewichtet		
3	boring - exciting	4,91	1,019	22	22,000	
	inefficient - efficient	3,09	1,477	22	22,000	
	unimportant - important	5,41	,666	22	22,000	
	inexperienced - experienced	3,82	1,368	22	22,000	
	unsupported - is supported	3,82	1,220	22	22,000	
	neutral for success of employer - positive for success of employer	5,45	,671	22	22,000	
	no learning benefit - learning benefit	5,18	,664	22	22,000	
	not professional - professional	2,36	1,293	22	22,000	
	training needed - sufficiently trained	1,59	1,333	22	22,000	
	woolly - precise	4,64	1,136	22	22,000	
	uninteresting - interesting	5,41	,666	22	22,000	
	unreliable - reliable	5,00	,926	22	22,000	
	irrelevant - relevant	5,18	,664	22	22,000	
	Gesamt	boring - exciting	4,82	1,110	73	73,000
		inefficient - efficient	3,82	1,398	73	73,000
unimportant - important		5,34	,671	73	73,000	
inexperienced - experienced		4,62	1,036	73	73,000	
unsupported - is supported		3,82	,962	73	73,000	
neutral for success of employer - positive for success of employer		5,19	,923	73	73,000	
no learning benefit - learning benefit		5,11	,567	73	73,000	
not professional - professional		3,97	1,443	73	73,000	
training needed - sufficiently trained		3,14	1,797	73	73,000	
woolly - precise		4,19	1,126	73	73,000	
uninteresting - interesting		5,12	,781	73	73,000	
unreliable - reliable		4,49	1,144	73	73,000	
irrelevant - relevant		5,27	,629	73	73,000	

Gleichheitstest der Gruppenmittelwerte

	Wilks-Lambda	F	df1	df2	Signifikanz
boring - exciting	,946	1,984	2	70	,145
inefficient - efficient	,653	18,605	2	70	,000
unimportant - important	,979	,752	2	70	,475
inexperienced - experienced	,712	14,143	2	70	,000
unsupported - is supported	,935	2,417	2	70	,097
neutral for success of employer - positive for success of employer	,961	1,422	2	70	,248
no learning benefit - learning benefit	,968	1,143	2	70	,325
not professional - professional	,451	42,525	2	70	,000
training needed - sufficiently trained	,366	60,709	2	70	,000
woolly - precise	,875	4,995	2	70	,009
uninteresting - interesting	,925	2,846	2	70	,065
unreliable - reliable	,886	4,520	2	70	,014
irrelevant - relevant	,990	,366	2	70	,695

Gemeinsam Matrizen innerhalb der Gruppen^a

		boring - exciting	inefficient - efficient	unimportant - important	inexperienced - experienced
Kovarianz	boring - exciting	1,199	-,148	,181	,030
	inefficient - efficient	-,148	1,312	-,103	,290
	unimportant - important	,181	-,103	,454	,088
	inexperienced - experienced	,030	,290	,088	,786
	unsupported - is supported	,147	-,031	,156	,198
	neutral for success of employer - positive for success of employer	-,089	-,159	,362	,033
	no learning benefit - learning benefit	,280	-,017	,136	,068
	not professional - professional	,089	,183	,120	,279
	training needed - sufficiently trained	-,186	-,127	,079	,321
	woolly - precise	-,051	,069	,123	,146
	uninteresting - interesting	,486	-,224	,124	,005
	unreliable - reliable	-,292	-,003	,177	,045
	irrelevant - relevant	,178	-,064	,360	,087
	Korrelation	boring - exciting	1,000	-,118	,246
inefficient - efficient		-,118	1,000	-,133	,286
unimportant - important		,246	-,133	1,000	,148
inexperienced - experienced		,031	,286	,148	1,000
unsupported - is supported		,142	-,028	,246	,237
neutral for success of employer - positive for success of employer		-,089	-,151	,585	,040
no learning benefit - learning benefit		,453	-,026	,358	,136
not professional - professional		,083	,162	,182	,320
training needed - sufficiently trained		-,154	-,101	,107	,328
woolly - precise		-,044	,057	,171	,154
uninteresting - interesting		,583	-,256	,242	,008
unreliable - reliable		-,245	-,002	,241	,046
irrelevant - relevant		,256	-,089	,842	,155

Gemeinsam Matrizen innerhalb der Gruppen^a

		unsupported - is supported	neutral for success of employer - positive for success of employer	no learning benefit - learning benefit	not professional - professional
Kovarianz	boring - exciting	,147	-,089	,280	,089
	inefficient - efficient	-,031	-,159	-,017	,183
	unimportant - important	,156	,362	,136	,120
	inexperienced - experienced	,198	,033	,068	,279
	unsupported - is supported	,891	,222	,141	,267
	neutral for success of employer - positive for success of employer	,222	,842	,107	-,053
	no learning benefit - learning benefit	,141	,107	,320	,032
	not professional - professional	,267	-,053	,032	,967
	training needed - sufficiently trained	-,058	,056	-,071	,095
	woolly - precise	,369	,137	-,061	,300
	uninteresting - interesting	-,045	-,021	,096	,014
	unreliable - reliable	,101	,273	-,005	,047
	irrelevant - relevant	,189	,355	,141	,082
Korrelation	boring - exciting	,142	-,089	,453	,083
	inefficient - efficient	-,028	-,151	-,026	,162
	unimportant - important	,246	,585	,358	,182
	inexperienced - experienced	,237	,040	,136	,320
	unsupported - is supported	1,000	,257	,264	,288
	neutral for success of employer - positive for success of employer	,257	1,000	,207	-,059
	no learning benefit - learning benefit	,264	,207	1,000	,057
	not professional - professional	,288	-,059	,057	1,000
	training needed - sufficiently trained	-,056	,055	-,114	,088
	woolly - precise	,366	,139	-,101	,285
	uninteresting - interesting	-,062	-,030	,223	,019
	unreliable - reliable	,098	,273	-,008	,043
	irrelevant - relevant	,315	,609	,393	,131

Gemeinsam Matrizen innerhalb der Gruppen^a

		training needed - sufficiently trained	woolly - precise	uninteresting - interesting
Kovarianz	boring - exciting	-,186	-,051	,486
	inefficient - efficient	-,127	,069	-,224
	unimportant - important	,079	,123	,124
	inexperienced - experienced	,321	,146	,005
	unsupported - is supported	-,058	,369	-,045
	neutral for success of employer - positive for success of employer	,056	,137	-,021
	no learning benefit - learning benefit	-,071	-,061	,096
	not professional - professional	,095	,300	,014
	training needed - sufficiently trained	1,215	-,038	-,037
	woolly - precise	-,038	1,142	-,110
	uninteresting - interesting	-,037	-,110	,580
	unreliable - reliable	,126	,647	-,206
	irrelevant - relevant	,019	,101	,046
	Korrelation	boring - exciting	-,154	-,044
inefficient - efficient		-,101	,057	-,256
unimportant - important		,107	,171	,242
inexperienced - experienced		,328	,154	,008
unsupported - is supported		-,056	,366	-,062
neutral for success of employer - positive for success of employer		,055	,139	-,030
no learning benefit - learning benefit		-,114	-,101	,223
not professional - professional		,088	,285	,019
training needed - sufficiently trained		1,000	-,032	-,044
woolly - precise		-,032	1,000	-,135
uninteresting - interesting		-,044	-,135	1,000
unreliable - reliable		,104	,554	-,247
irrelevant - relevant		,028	,149	,095

Gemeinsam Matrizen innerhalb der Gruppen^a

		unreliable - reliable	irrelevant - relevant
Kovarianz	boring - exciting	-,292	,178
	inefficient - efficient	-,003	-,064
	unimportant - important	,177	,360
	inexperienced - experienced	,045	,087
	unsupported - is supported	,101	,189
	neutral for success of employer - positive for success of employer	,273	,355
	no learning benefit - learning benefit	-,005	,141
	not professional - professional	,047	,082
	training needed - sufficiently trained	,126	,019
	woolly - precise	,647	,101
	uninteresting - interesting	-,206	,046
	unreliable - reliable	1,192	,190
	irrelevant - relevant	,190	,403
	Korrelation	boring - exciting	-,245
inefficient - efficient		-,002	-,089
unimportant - important		,241	,842
inexperienced - experienced		,046	,155
unsupported - is supported		,098	,315
neutral for success of employer - positive for success of employer		,273	,609
no learning benefit - learning benefit		-,008	,393
not professional - professional		,043	,131
training needed - sufficiently trained		,104	,028
woolly - precise		,554	,149
uninteresting - interesting		-,247	,095
unreliable - reliable		1,000	,275
irrelevant - relevant		,275	1,000

a. Die Kovarianzmatrix hat einen Freiheitsgrad von 70.

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		boring - exciting	inefficient - efficient	unimportant - important	inexperienced - experienced
1	boring - exciting	1,137	-,062	,159	,030
	inefficient - efficient	-,062	,648	-,055	,097
	unimportant - important	,159	-,055	,386	-,055
	inexperienced - experienced	,030	,097	-,055	,257
	unsupported - is supported	-,002	,014	,179	,198
	neutral for success of employer - positive for success of employer	-,177	-,145	,393	-,087
	no learning benefit - learning benefit	,167	-,103	,103	,046
	not professional - professional	,043	,193	-,041	,205
	training needed - sufficiently trained	-,062	-,007	,083	,097
	woolly - precise	-,044	,021	-,041	,136
	uninteresting - interesting	,514	-,186	,062	-,014
	unreliable - reliable	-,154	,028	,083	,074
	irrelevant - relevant	,161	-,034	,310	-,011
	2	boring - exciting	1,457	-,236	,364
inefficient - efficient		-,236	1,362	-,138	,007
unimportant - important		,364	-,138	,562	,207
inexperienced - experienced		,029	,007	,207	,414
unsupported - is supported		,386	,155	,055	,043
neutral for success of employer - positive for success of employer		-,200	,150	,400	,200
no learning benefit - learning benefit		,321	,010	,110	,036
not professional - professional		,164	-,405	,195	,157
training needed - sufficiently trained		-,221	-,626	,074	,114
woolly - precise		,121	,276	,276	,436
uninteresting - interesting		,514	-,121	,179	-,043
unreliable - reliable		-,550	,300	,150	,050
irrelevant - relevant		,221	-,057	,443	,186

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		boring - exciting	inefficient - efficient	unimportant - important	inexperienced - experienced
3	boring - exciting	1,039	-,182	,039	,030
	inefficient - efficient	-,182	2,182	-,134	,827
	unimportant - important	,039	-,134	,444	,173
	inexperienced - experienced	,030	,827	,173	1,870
	unsupported - is supported	,126	-,268	,221	,346
	neutral for success of employer - positive for success of employer	,139	-,472	,281	,039
	no learning benefit - learning benefit	,398	,078	,208	,130
	not professional - professional	,082	,727	,273	,498
	training needed - sufficiently trained	-,325	,182	,080	,827
	woolly - precise	-,225	-,061	,203	-,117
	uninteresting - interesting	,420	-,372	,158	,078
	unreliable - reliable	-,238	-,333	,333	,000
	irrelevant - relevant	,160	-,113	,351	,130
	Gesamt	boring - exciting	1,232	-,004	,201
inefficient - efficient		-,004	1,954	-,063	,653
unimportant - important		,201	-,063	,451	,078
inexperienced - experienced		,042	,653	,078	1,073
unsupported - is supported		,204	,135	,173	,236
neutral for success of employer - positive for success of employer		-,063	-,201	,364	-,050
no learning benefit - learning benefit		,298	,020	,143	,057
not professional - professional		,051	,759	,079	,850
training needed - sufficiently trained		,011	1,039	,119	1,025
woolly - precise		,035	,104	,156	,033
uninteresting - interesting		,508	-,242	,138	-,077
unreliable - reliable		-,217	-,036	,204	-,100
irrelevant - relevant		,174	-,020	,349	,120

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		unsupported - is supported	neutral for success of employer - positive for success of employer	no learning benefit - learning benefit
1	boring - exciting	-,002	-,177	,167
	inefficient - efficient	,014	-,145	-,103
	unimportant - important	,179	,393	,103
	inexperienced - experienced	,198	-,087	,046
	unsupported - is supported	,823	,336	,161
	neutral for success of employer - positive for success of employer	,336	1,016	,080
	no learning benefit - learning benefit	,161	,080	,213
	not professional - professional	,120	-,140	,040
	training needed - sufficiently trained	,186	,028	,034
	woolly - precise	,292	-,071	,023
	uninteresting - interesting	-,214	-,048	,086
	unreliable - reliable	,209	,211	,057
	irrelevant - relevant	,287	,368	,115
	2	boring - exciting	,386	-,200
inefficient - efficient		,155	,150	,010
unimportant - important		,055	,400	,110
inexperienced - experienced		,043	,200	,036
unsupported - is supported		,362	,000	,074
neutral for success of employer - positive for success of employer		,000	1,000	,000
no learning benefit - learning benefit		,074	,000	,348
not professional - professional		,138	,000	-,124
training needed - sufficiently trained		-,240	,350	-,081
woolly - precise		,290	,450	-,119
uninteresting - interesting		,121	-,150	,093
unreliable - reliable		-,100	,350	-,100
irrelevant - relevant		,057	,400	,014

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		unsupported - is supported	neutral for success of employer - positive for success of employer	no learning benefit - learning benefit
3	boring - exciting	,126	,139	,398
	inefficient - efficient	-,268	-,472	,078
	unimportant - important	,221	,281	,208
	inexperienced - experienced	,346	,039	,130
	unsupported - is supported	1,489	,277	,177
	neutral for success of employer - positive for success of employer	,277	,450	,247
	no learning benefit - learning benefit	,177	,247	,442
	not professional - professional	,593	,017	,169
	training needed - sufficiently trained	-,221	-,186	-,208
	woolly - precise	,550	,126	-,121
	uninteresting - interesting	,030	,139	,113
	unreliable - reliable	,143	,286	,000
	irrelevant - relevant	,177	,294	,299
	Gesamt	boring - exciting	,204	-,063
inefficient - efficient		,135	-,201	,020
unimportant - important		,173	,364	,143
inexperienced - experienced		,236	-,050	,057
unsupported - is supported		,926	,229	,159
neutral for success of employer - positive for success of employer		,229	,852	,118
no learning benefit - learning benefit		,159	,118	,321
not professional - professional		,287	-,231	-,011
training needed - sufficiently trained		,191	-,068	-,029
woolly - precise		,424	,199	-,021
uninteresting - interesting		-,019	,018	,111
unreliable - reliable		,145	,335	,029
irrelevant - relevant		,188	,336	,136

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		not professional - professional	training needed - sufficiently trained	woolly - precise
1	boring - exciting	,043	-,062	-,044
	inefficient - efficient	,193	-,007	,021
	unimportant - important	-,041	,083	-,041
	inexperienced - experienced	,205	,097	,136
	unsupported - is supported	,120	,186	,292
	neutral for success of employer - positive for success of employer	-,140	,028	-,071
	no learning benefit - learning benefit	,040	,034	,023
	not professional - professional	,668	,124	,168
	training needed - sufficiently trained	,124	,441	-,048
	woolly - precise	,168	-,048	1,030
	uninteresting - interesting	,024	,055	-,200
	unreliable - reliable	,078	-,041	,595
	irrelevant - relevant	-,057	,069	-,057
	2	boring - exciting	,164	-,221
inefficient - efficient		-,405	-,626	,276
unimportant - important		,195	,074	,276
inexperienced - experienced		,157	,114	,436
unsupported - is supported		,138	-,240	,290
neutral for success of employer - positive for success of employer		,000	,350	,450
no learning benefit - learning benefit		-,124	-,081	-,119
not professional - professional		,662	-,110	,210
training needed - sufficiently trained		-,110	1,748	-,048
woolly - precise		,210	-,048	1,148
uninteresting - interesting		,079	-,143	-,007
unreliable - reliable		-,050	,200	,650
irrelevant - relevant		,193	,086	,314

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		not professional - professional	training needed - sufficiently trained	woolly - precise
3	boring - exciting	,082	-,325	-,225
	inefficient - efficient	,727	,182	-,061
	unimportant - important	,273	,080	,203
	inexperienced - experienced	,498	,827	-,117
	unsupported - is supported	,593	-,221	,550
	neutral for success of employer - positive for success of employer	,017	-,186	,126
	no learning benefit - learning benefit	,169	-,208	-,121
	not professional - professional	1,671	,251	,567
	training needed - sufficiently trained	,251	1,777	-,013
	woolly - precise	,567	-,013	1,290
	uninteresting - interesting	-,061	-,063	-,082
	unreliable - reliable	,095	,286	,714
	irrelevant - relevant	,169	-,113	,117
Gesamt	boring - exciting	,051	,011	,035
	inefficient - efficient	,759	1,039	,104
	unimportant - important	,079	,119	,156
	inexperienced - experienced	,850	1,025	,033
	unsupported - is supported	,287	,191	,424
	neutral for success of employer - positive for success of employer	-,231	-,068	,199
	no learning benefit - learning benefit	-,011	-,029	-,021
	not professional - professional	2,083	1,282	,005
	training needed - sufficiently trained	1,282	3,231	-,068
	woolly - precise	,005	-,068	1,268
	uninteresting - interesting	-,177	-,128	-,024
	unreliable - reliable	-,292	-,027	,779
	irrelevant - relevant	,146	,101	,086

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		uninteresting - interesting	unreliable - reliable	irrelevant - relevant
1	boring - exciting	,514	-,154	,161
	inefficient - efficient	-,186	,028	-,034
	unimportant - important	,062	,083	,310
	inexperienced - experienced	-,014	,074	-,011
	unsupported - is supported	-,214	,209	,287
	neutral for success of employer - positive for success of employer	-,048	,211	,368
	no learning benefit - learning benefit	,086	,057	,115
	not professional - professional	,024	,078	-,057
	training needed - sufficiently trained	,055	-,041	,069
	woolly - precise	-,200	,595	-,057
	uninteresting - interesting	,645	-,290	,000
	unreliable - reliable	-,290	1,016	,080
	irrelevant - relevant	,000	,080	,368
	2	boring - exciting	,514	-,550
inefficient - efficient		-,121	,300	-,057
unimportant - important		,179	,150	,443
inexperienced - experienced		-,043	,050	,186
unsupported - is supported		,121	-,100	,057
neutral for success of employer - positive for success of employer		-,150	,350	,400
no learning benefit - learning benefit		,093	-,100	,014
not professional - professional		,079	-,050	,193
training needed - sufficiently trained		-,143	,200	,086
woolly - precise		-,007	,650	,314
uninteresting - interesting		,629	-,300	,043
unreliable - reliable		-,300	1,800	,250
irrelevant - relevant		,043	,250	,414

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		uninteresting - interesting	unreliable - reliable	irrelevant - relevant
3	boring - exciting	,420	-,238	,160
	inefficient - efficient	-,372	-,333	-,113
	unimportant - important	,158	,333	,351
	inexperienced - experienced	,078	,000	,130
	unsupported - is supported	,030	,143	,177
	neutral for success of employer - positive for success of employer	,139	,286	,294
	no learning benefit - learning benefit	,113	,000	,299
	not professional - professional	-,061	,095	,169
	training needed - sufficiently trained	-,063	,286	-,113
	woolly - precise	-,082	,714	,117
	uninteresting - interesting	,444	,000	,113
	unreliable - reliable	,000	,857	,286
	irrelevant - relevant	,113	,286	,442
	Gesamt	boring - exciting	,508	-,217
inefficient - efficient		-,242	-,036	-,020
unimportant - important		,138	,204	,349
inexperienced - experienced		-,077	-,100	,120
unsupported - is supported		-,019	,145	,188
neutral for success of employer - positive for success of employer		,018	,335	,336
no learning benefit - learning benefit		,111	,029	,136
not professional - professional		-,177	-,292	,146
training needed - sufficiently trained		-,128	-,027	,101
woolly - precise		-,024	,779	,086
uninteresting - interesting		,610	-,117	,035
unreliable - reliable		-,117	1,309	,169
irrelevant - relevant		,035	,169	,396

a. Die Kovarianzmatrix für alle Fälle hat einen Freiheitsgrad von 72.

Analyse 1

Box-Test auf Gleichheit der Kovarianz-Matrizen

Log-Determinanten

Cluster-Nr. des Falls	Rang	Log-Determinante
1	13	-13,069
2	13	-15,403
3	13	-10,305
Gemeinsam innerhalb der Gruppen	13	-7,726

Die Ränge und natürlichen Logarithmen der ausgegebenen Determinanten sind die der Gruppen-Kovarianz-Matrizen.

Textergebnisse

Box-M		362,667
F	Näherungswert	1,434
	df1	182
	df2	10979,02
	Signifikanz	,000

Testet die Null-Hypothese der Kovarianz-Matrizen gleicher Grundgesamtheit.

Zusammenfassung der kanonischen Diskriminanzfunktionen

Eigenwerte

Funktion	Eigenwert	% der Varianz	Kumulierte %	Kanonische Korrelation
1	3,334 ^a	69,0	69,0	,877
2	1,495 ^a	31,0	100,0	,774

a. Die ersten 2 kanonischen Diskriminanzfunktionen werden in dieser Analyse verwendet.

Wilks' Lambda

Test der Funktion(en)	Wilks-Lambda	Chi-Quadrat	df	Signifikanz
1 bis 2	,092	152,367	26	,000
2	,401	58,506	12	,000

Standardisierte kanonische Diskriminanzfunktionskoeffizienten

	Funktion	
	1	2
boring - exciting	,185	,199
inefficient - efficient	,475	,575
unimportant - important	-,398	,379
inexperienced - experienced	-,238	-,402
unsupported - is supported	,057	,370
neutral for success of employer - positive for success of employer	,087	,095
no learning benefit - learning benefit	,031	,161
not professional - professional	,475	-,706
training needed - sufficiently trained	,871	,455
woolly - precise	-,079	,380
uninteresting - interesting	,009	,332
unreliable - reliable	-,101	,200
irrelevant - relevant	,290	-,584

Struktur-Matrix

	Funktion	
	1	2
training needed - sufficiently trained	,714*	,157
not professional - professional	,520*	-,459
inefficient - efficient	,380*	,185
inexperienced - experienced	,331*	-,159
irrelevant - relevant	,053*	-,026
woolly - precise	-,042	,303*
unreliable - reliable	-,080	,269*
uninteresting - interesting	-,068	,210*
boring - exciting	,051	,179*
unsupported - is supported	,086	,173*
no learning benefit - learning benefit	,013	,146*
neutral for success of employer - positive for success of employer	-,065	,133*
unimportant - important	,013	,118*

Gemeinsame Korrelationen innerhalb der Gruppen zwischen Diskriminanzvariablen und standardisierten kanonischen Diskriminanzfunktionen

Variablen sind nach ihrer absoluten Korrelationsgröße innerhalb der Funktion geordnet.

*. Größte absolute Korrelation zwischen jeder Variablen und einer Diskriminanzfunktion

Kanonische Diskriminanzfunktionskoeffizienten

	Funktion	
	1	2
boring - exciting	,169	,182
inefficient - efficient	,415	,502
unimportant - important	-,591	,563
inexperienced - experienced	-,269	-,453
unsupported - is supported	,060	,392
neutral for success of employer - positive for success of employer	,094	,104
no learning benefit - learning benefit	,055	,284
not professional - professional	,483	-,718
training needed - sufficiently trained	,790	,413
woolly - precise	-,074	,356
uninteresting - interesting	,011	,436
unreliable - reliable	-,092	,183
irrelevant - relevant	,456	-,920
(Konstant)	-5,142	-5,341

Nicht-standardisierte Koeffizienten

Funktionen bei den Gruppen-Zentroiden

Cluster-Nr. des Falls	Funktion	
	1	2
1	2,002	,507
2	-,554	-1,847
3	-2,202	1,072

Nicht-standardisierte kanonische Diskriminanzfunktionen, die bezüglich des Gruppen-Mittelwertes bewertet werden

Klassifizierungsstatistiken

Zusammenfassung der Verarbeitung von Klassifizierungen

Verarbeitet		142
Ausgeschlossen	Fehlende oder außerhalb des Bereichs liegende Gruppencodes	0
	Wenigstens eine Diskriminanzvariable fehlt	69
In der Ausgabe verwendet		73

A-priori-Wahrscheinlichkeiten der Gruppen

Cluster-Nr. des Falls	A-priori	In der Analyse verwendete Fälle	
		Ungewichtet	Gewichtet
1	,333	30	30,000
2	,333	21	21,000
3	,333	22	22,000
Gesamt	1,000	73	73,000

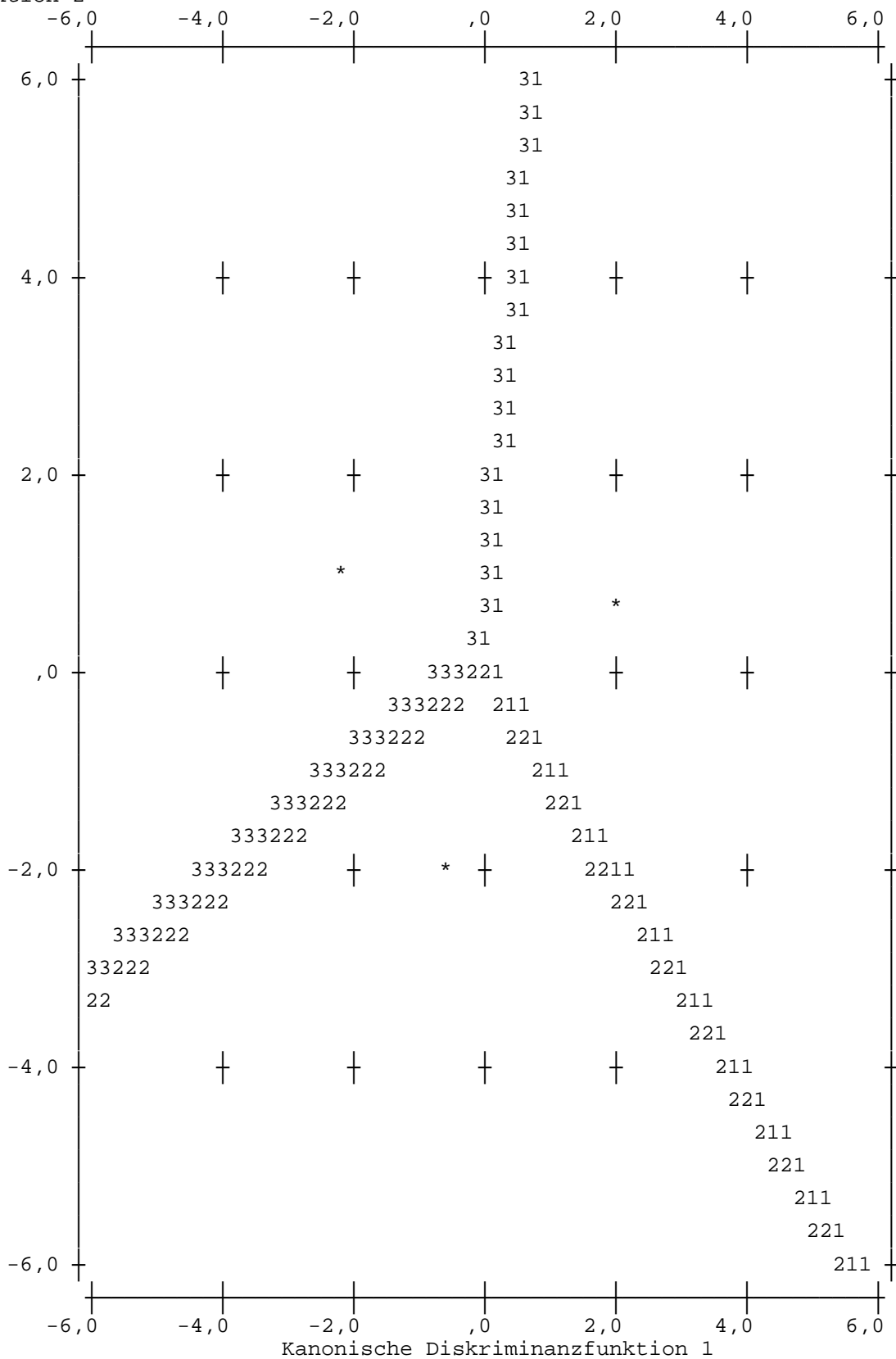
Klassifizierungsfunktionskoeffizienten

	Cluster-Nr. des Falls		
	1	2	3
boring - exciting	-3,039	-3,900	-3,649
inefficient - efficient	6,641	4,400	5,181
unimportant - important	-7,473	-7,287	-4,669
inexperienced - experienced	-1,639	,115	-,766
unsupported - is supported	,489	-,586	,458
neutral for success of employer - positive for success of employer	2,620	2,134	2,282
no learning benefit - learning benefit	14,305	13,494	14,233
not professional - professional	1,952	2,408	-,484
training needed - sufficiently trained	5,886	2,894	2,796
woolly - precise	3,659	3,011	4,172
uninteresting - interesting	13,958	12,901	14,156
unreliable - reliable	1,542	1,347	2,033
irrelevant - relevant	11,196	12,195	8,759
(Konstant)	-125,154	-99,166	-107,418

Lineare Diskriminanzfunktionen nach Fisher

Territorien

Kanonische Diskriminanz-
funktion 2

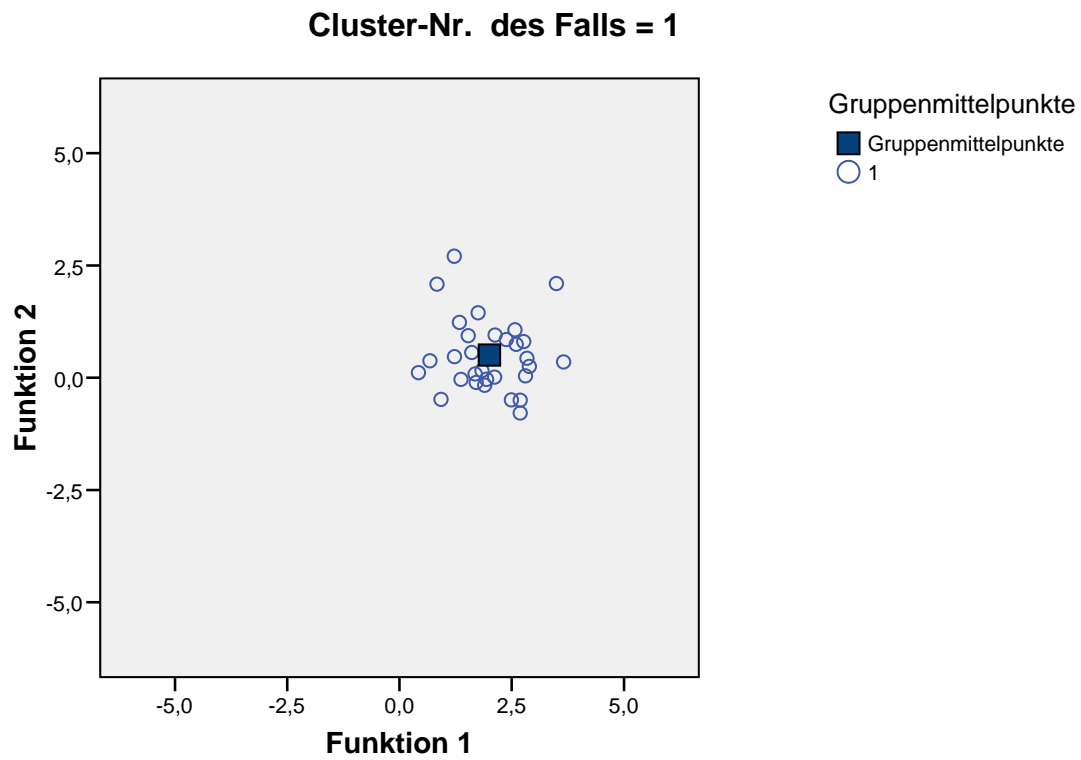


Symbole für Territorien

Symbol	Grp.	Label
1	1	
2	2	
3	3	
*		Markiert Gruppenzentroide

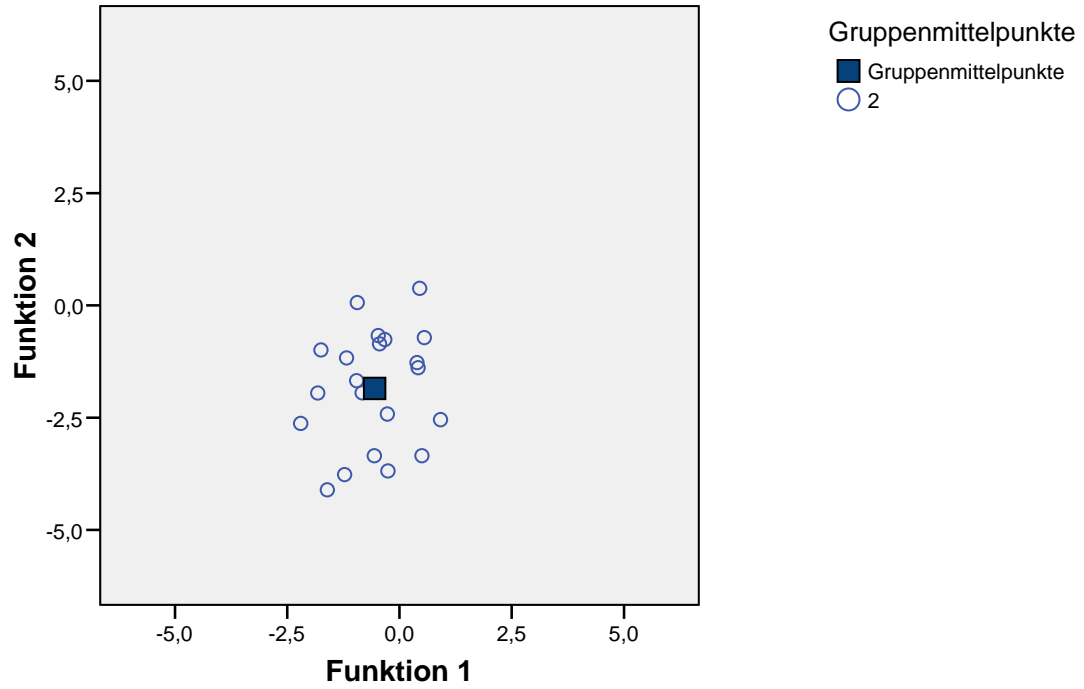
Graphische Darstellung getrennter Gruppen

Kanonische Diskriminanzfunktion



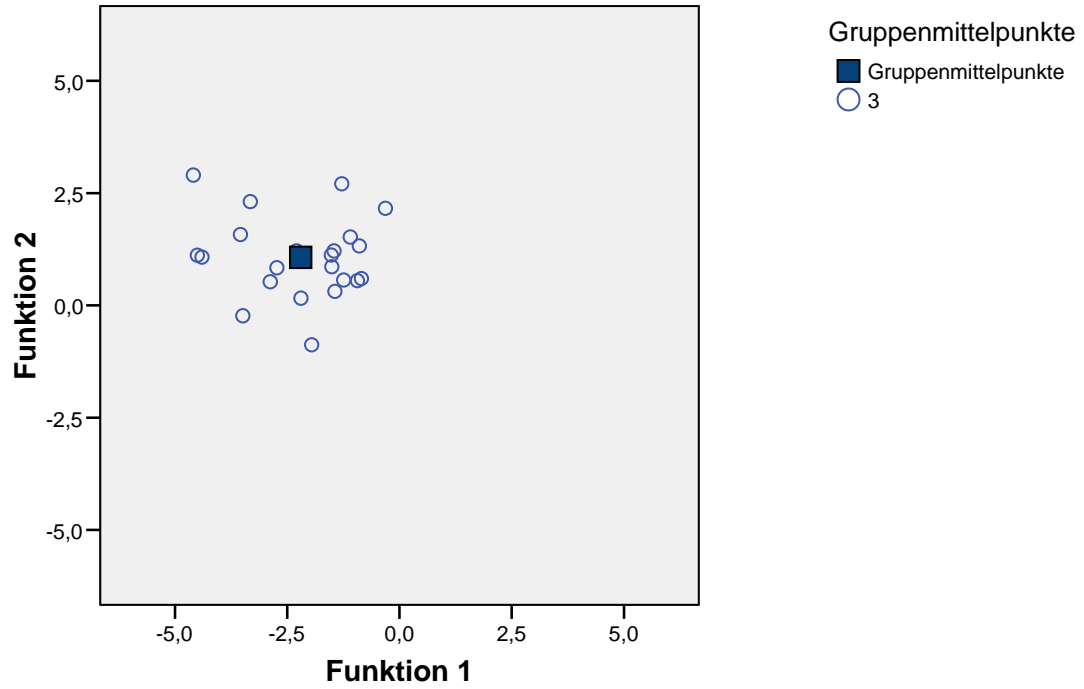
Kanonische Diskriminanzfunktion

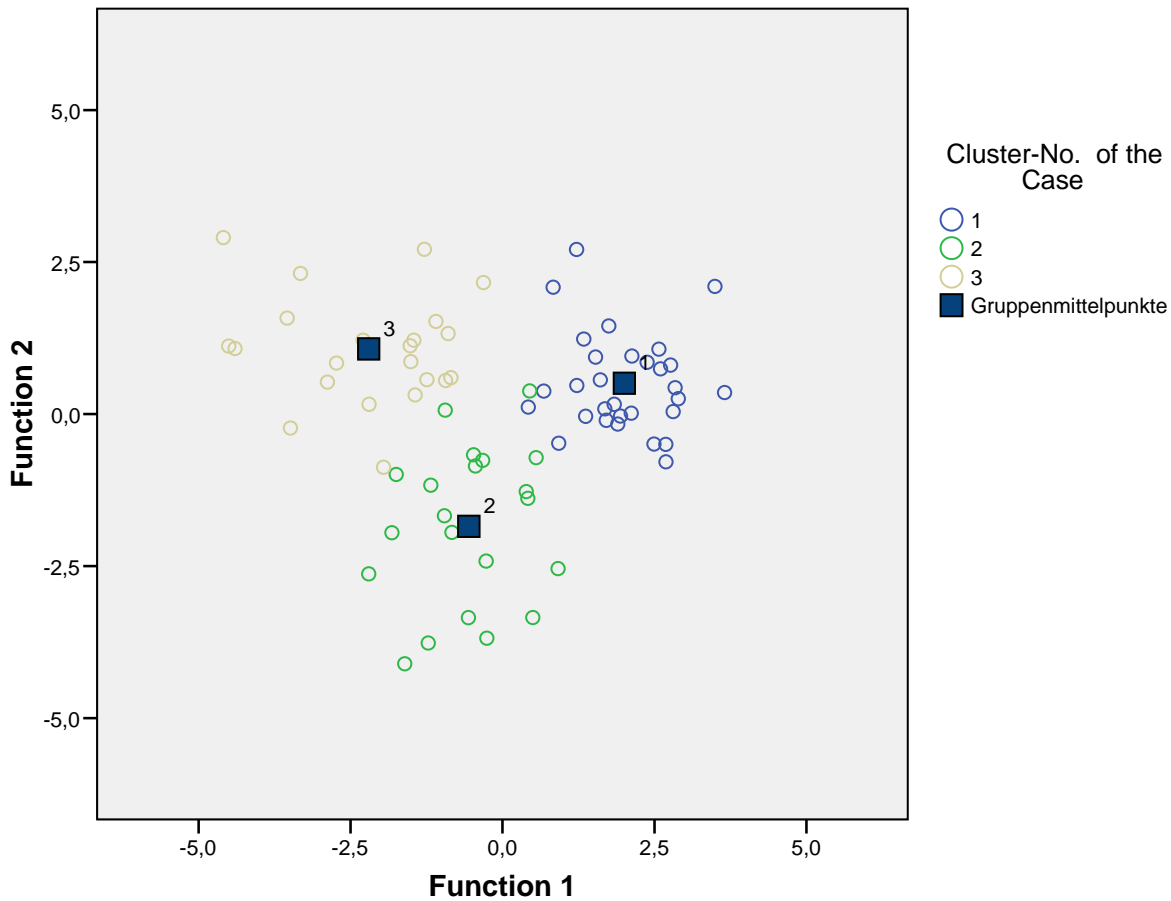
Cluster-Nr. des Falls = 2



Kanonische Diskriminanzfunktion

Cluster-Nr. des Falls = 3





Klassifizierungsergebnisse^{b,c}

			Vorhergesagte Gruppenzugehörigkeit			Gesamt
			1	2	3	
Original	Anzahl	1	30	0	0	30
		2	1	19	1	21
		3	0	1	21	22
	%	1	100,0	,0	,0	100,0
		2	4,8	90,5	4,8	100,0
		3	,0	4,5	95,5	100,0
Kreuzvalidiert ^a	Anzahl	1	30	0	0	30
		2	2	17	2	21
		3	1	2	19	22
	%	1	100,0	,0	,0	100,0
		2	9,5	81,0	9,5	100,0
		3	4,5	9,1	86,4	100,0

a. Die Kreuzvalidierung wird nur für Fälle in dieser Analyse vorgenommen. In der Kreuzvalidierung ist jeder Fall durch die Funktionen klassifiziert, die von allen anderen Fällen außer diesem Fall abgeleitet werden.

b. 95,9% der ursprünglich gruppierten Fälle wurden korrekt klassifiziert.

c. 90,4% der kreuzvalidierten gruppierten Fälle wurden korrekt klassifiziert.

Diskriminanzanalyse

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Analyse der verarbeiteten Fälle.

Ungewichtete Fälle	N	Prozent
Gültig	73	51,4
Ausgeschlossen		
Gruppencodes fehlend oder außerhalb des Bereichs	0	,0
Mindestens eine fehlende Diskriminanz-Variable	0	,0
Beide fehlenden oder außerhalb des Bereichs liegenden Gruppencodes und mindestens eine fehlende Diskriminanz-Variable	69	48,6
Gesamtzahl der ausgeschlossenen	69	48,6
Gesamtzahl der Fälle	142	100,0

Gruppenstatistik

Cluster-Nr. des Falls		Mittelwert	Standardabweichung	Gültige Werte (listenweise)	
				Ungewichtet	Gewichtet
1	boring - exciting	5,00	,894	6	6,000
	inefficient - efficient	2,00	,894	6	6,000
	unimportant - important	5,33	,516	6	6,000
	inexperienced - experienced	2,33	1,211	6	6,000
	unsupported - is supported	3,50	1,049	6	6,000
	neutral for success of employer - positive for success of employer	5,67	,516	6	6,000
	no learning benefit - learning benefit	5,17	,753	6	6,000
	not professional - professional	1,00	,632	6	6,000
	training needed - sufficiently trained	,17	,408	6	6,000
	woolly - precise	4,50	1,378	6	6,000
	uninteresting - interesting	5,50	,837	6	6,000
	unreliable - reliable	5,00	1,265	6	6,000
	irrelevant - relevant	5,17	,408	6	6,000

Gruppenstatistik

Cluster-Nr. des Falls	Mittelwert	Standardabweichung	Gültige Werte (listenweise)			
			Ungewichtet	Gewichtet		
2	boring - exciting	4,46	1,318	24	24,000	
	inefficient - efficient	3,58	1,213	24	24,000	
	unimportant - important	5,50	,659	24	24,000	
	inexperienced - experienced	4,58	,881	24	24,000	
	unsupported - is supported	3,75	1,113	24	24,000	
	neutral for success of employer - positive for success of employer	5,38	,647	24	24,000	
	no learning benefit - learning benefit	5,04	,751	24	24,000	
	not professional - professional	3,67	1,204	24	24,000	
	training needed - sufficiently trained	2,08	1,018	24	24,000	
	woolly - precise	4,63	1,013	24	24,000	
	uninteresting - interesting	5,08	,881	24	24,000	
	unreliable - reliable	5,13	,537	24	24,000	
	irrelevant - relevant	5,42	,584	24	24,000	
	3	boring - exciting	5,11	,601	9	9,000
		inefficient - efficient	3,22	1,202	9	9,000
unimportant - important		4,67	,500	9	9,000	
inexperienced - experienced		4,44	,726	9	9,000	
unsupported - is supported		3,67	,707	9	9,000	
neutral for success of employer - positive for success of employer		4,33	1,118	9	9,000	
no learning benefit - learning benefit		5,11	,333	9	9,000	
not professional - professional		3,89	1,364	9	9,000	
training needed - sufficiently trained		1,78	,972	9	9,000	
woolly - precise		2,89	,782	9	9,000	
uninteresting - interesting		5,11	,601	9	9,000	
unreliable - reliable		2,78	1,093	9	9,000	
irrelevant - relevant		4,67	,500	9	9,000	

Gruppenstatistik

Cluster-Nr. des Falls	Mittelwert	Standardabweichung	Gültige Werte (listenweise)			
			Ungewichtet	Gewichtet		
4	boring - exciting	4,97	1,058	34	34,000	
	inefficient - efficient	4,47	1,261	34	34,000	
	unimportant - important	5,41	,657	34	34,000	
	inexperienced - experienced	5,09	,514	34	34,000	
	unsupported - is supported	3,97	,904	34	34,000	
	neutral for success of employer - positive for success of employer	5,21	,978	34	34,000	
	no learning benefit - learning benefit	5,15	,436	34	34,000	
	not professional - professional	4,74	,864	34	34,000	
	training needed - sufficiently trained	4,76	,654	34	34,000	
	woolly - precise	4,18	,999	34	34,000	
	uninteresting - interesting	5,09	,753	34	34,000	
	unreliable - reliable	4,41	,988	34	34,000	
	irrelevant - relevant	5,35	,646	34	34,000	
	Gesamt	boring - exciting	4,82	1,110	73	73,000
		inefficient - efficient	3,82	1,398	73	73,000
unimportant - important		5,34	,671	73	73,000	
inexperienced - experienced		4,62	1,036	73	73,000	
unsupported - is supported		3,82	,962	73	73,000	
neutral for success of employer - positive for success of employer		5,19	,923	73	73,000	
no learning benefit - learning benefit		5,11	,567	73	73,000	
not professional - professional		3,97	1,443	73	73,000	
training needed - sufficiently trained		3,14	1,797	73	73,000	
woolly - precise		4,19	1,126	73	73,000	
uninteresting - interesting		5,12	,781	73	73,000	
unreliable - reliable		4,49	1,144	73	73,000	
irrelevant - relevant		5,27	,629	73	73,000	

Gleichheitstest der Gruppenmittelwerte

	Wilks-Lambda	F	df1	df2	Signifikanz
boring - exciting	,945	1,336	3	69	,270
inefficient - efficient	,724	8,767	3	69	,000
unimportant - important	,850	4,063	3	69	,010
inexperienced - experienced	,493	23,610	3	69	,000
unsupported - is supported	,974	,607	3	69	,613
neutral for success of employer - positive for success of employer	,857	3,853	3	69	,013
no learning benefit - learning benefit	,992	,178	3	69	,911
not professional - professional	,499	23,082	3	69	,000
training needed - sufficiently trained	,199	92,462	3	69	,000
woolly - precise	,777	6,600	3	69	,001
uninteresting - interesting	,979	,499	3	69	,684
unreliable - reliable	,599	15,423	3	69	,000
irrelevant - relevant	,857	3,850	3	69	,013

Gemeinsam Matrizen innerhalb der Gruppen^a

		boring - exciting	inefficient - efficient	unimportant - important	inexperienced - experienced
Kovarianz	boring - exciting	1,215	-,031	,250	,047
	inefficient - efficient	-,031	1,476	-,129	,153
	unimportant - important	,250	-,129	,400	,050
	inexperienced - experienced	,047	,153	,050	,553
	unsupported - is supported	,204	,024	,165	,144
	neutral for success of employer - positive for success of employer	-,018	-,191	,294	,021
	no learning benefit - learning benefit	,298	,012	,151	,061
	not professional - professional	,007	,045	,063	,115
	training needed - sufficiently trained	-,144	-,101	,004	,059
	woolly - precise	,136	,096	,025	,075
	uninteresting - interesting	,523	-,186	,146	,002
	unreliable - reliable	-,083	-,013	,030	-,016
	irrelevant - relevant	,219	-,099	,300	,074
	Korrelation	boring - exciting	1,000	-,023	,359
inefficient - efficient		-,023	1,000	-,168	,169
unimportant - important		,359	-,168	1,000	,106
inexperienced - experienced		,057	,169	,106	1,000
unsupported - is supported		,190	,020	,270	,199
neutral for success of employer - positive for success of employer		-,019	-,181	,533	,033
no learning benefit - learning benefit		,469	,017	,415	,142
not professional - professional		,006	,036	,096	,148
training needed - sufficiently trained		-,159	-,101	,008	,097
woolly - precise		,122	,078	,038	,099
uninteresting - interesting		,601	-,194	,293	,003
unreliable - reliable		-,083	-,012	,052	-,024
irrelevant - relevant		,334	-,137	,799	,167

Gemeinsam Matrizen innerhalb der Gruppen^a

		unsupported - is supported	neutral for success of employer - positive for success of employer	no learning benefit - learning benefit	not professional - professional
Kovarianz	boring - exciting	,204	-,018	,298	,007
	inefficient - efficient	,024	-,191	,012	,045
	unimportant - important	,165	,294	,151	,063
	inexperienced - experienced	,144	,021	,061	,115
	unsupported - is supported	,942	,238	,163	,151
	neutral for success of employer - positive for success of employer	,238	,761	,125	-,113
	no learning benefit - learning benefit	,163	,125	,333	-,018
	not professional - professional	,151	-,113	-,018	1,085
	training needed - sufficiently trained	-,057	-,045	-,070	-,169
	woolly - precise	,436	,021	-,013	,123
	uninteresting - interesting	-,008	,004	,114	-,079
	unreliable - reliable	,152	,097	,044	-,094
	irrelevant - relevant	,179	,277	,145	,104
	Korrelation	boring - exciting	,190	-,019	,469
inefficient - efficient		,020	-,181	,017	,036
unimportant - important		,270	,533	,415	,096
inexperienced - experienced		,199	,033	,142	,148
unsupported - is supported		1,000	,282	,291	,149
neutral for success of employer - positive for success of employer		,282	1,000	,248	-,125
no learning benefit - learning benefit		,291	,248	1,000	-,030
not professional - professional		,149	-,125	-,030	1,000
training needed - sufficiently trained		-,071	-,063	-,149	-,198
woolly - precise		,443	,024	-,022	,116
uninteresting - interesting		-,011	,006	,250	-,096
unreliable - reliable		,173	,122	,084	-,100
irrelevant - relevant		,310	,534	,422	,168

Gemeinsam Matrizen innerhalb der Gruppen^a

		training needed - sufficiently trained	woolly - precise	uninteresting - interesting
Kovarianz	boring - exciting	-,144	,136	,523
	inefficient - efficient	-,101	,096	-,186
	unimportant - important	,004	,025	,146
	inexperienced - experienced	,059	,075	,002
	unsupported - is supported	-,057	,436	-,008
	neutral for success of employer - positive for success of employer	-,045	,021	,004
	no learning benefit - learning benefit	-,070	-,013	,114
	not professional - professional	-,169	,123	-,079
	training needed - sufficiently trained	,672	-,052	-,025
	woolly - precise	-,052	1,028	-,031
	uninteresting - interesting	-,025	-,031	,623
	unreliable - reliable	,096	,412	-,134
	irrelevant - relevant	-,041	-,032	,043
	Korrelation	boring - exciting	-,159	,122
inefficient - efficient		-,101	,078	-,194
unimportant - important		,008	,038	,293
inexperienced - experienced		,097	,099	,003
unsupported - is supported		-,071	,443	-,011
neutral for success of employer - positive for success of employer		-,063	,024	,006
no learning benefit - learning benefit		-,149	-,022	,250
not professional - professional		-,198	,116	-,096
training needed - sufficiently trained		1,000	-,062	-,039
woolly - precise		-,062	1,000	-,039
uninteresting - interesting		-,039	-,039	1,000
unreliable - reliable		,129	,449	-,188
irrelevant - relevant		-,084	-,053	,091

Gemeinsam Matrizen innerhalb der Gruppen^a

		unreliable - reliable	irrelevant - relevant
Kovarianz	boring - exciting	-,083	,219
	inefficient - efficient	-,013	-,099
	unimportant - important	,030	,300
	inexperienced - experienced	-,016	,074
	unsupported - is supported	,152	,179
	neutral for success of employer - positive for success of employer	,097	,277
	no learning benefit - learning benefit	,044	,145
	not professional - professional	-,094	,104
	training needed - sufficiently trained	,096	-,041
	woolly - precise	,412	-,032
	uninteresting - interesting	-,134	,043
	unreliable - reliable	,818	,017
	irrelevant - relevant	,017	,354
	Korrelation	boring - exciting	-,083
inefficient - efficient		-,012	-,137
unimportant - important		,052	,799
inexperienced - experienced		-,024	,167
unsupported - is supported		,173	,310
neutral for success of employer - positive for success of employer		,122	,534
no learning benefit - learning benefit		,084	,422
not professional - professional		-,100	,168
training needed - sufficiently trained		,129	-,084
woolly - precise		,449	-,053
uninteresting - interesting		-,188	,091
unreliable - reliable		1,000	,031
irrelevant - relevant		,031	1,000

a. Die Kovarianzmatrix hat einen Freiheitsgrad von 69.

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		boring - exciting	inefficient - efficient	unimportant - important	inexperienced - experienced
1	boring - exciting	,800	,000	,200	-,200
	inefficient - efficient	,000	,800	,200	,800
	unimportant - important	,200	,200	,267	,067
	inexperienced - experienced	-,200	,800	,067	1,467
	unsupported - is supported	-,200	,600	,400	,600
	neutral for success of employer - positive for success of employer	,200	,000	,133	,133
	no learning benefit - learning benefit	,400	,400	,333	,333
	not professional - professional	,200	-,200	,000	-,600
	training needed - sufficiently trained	,200	-,200	-,067	-,067
	woolly - precise	-,400	-,600	,000	,000
	uninteresting - interesting	,400	-,200	,200	-,400
	unreliable - reliable	-,200	-,400	,000	,400
	irrelevant - relevant	,000	,200	,133	,333
	2	boring - exciting	1,737	,025	,413
inefficient - efficient		,025	1,471	-,217	,123
unimportant - important		,413	-,217	,435	,174
inexperienced - experienced		,112	,123	,174	,775
unsupported - is supported		,511	-,370	,174	-,065
neutral for success of employer - positive for success of employer		,212	-,272	,283	,163
no learning benefit - learning benefit		,589	,018	,283	,105
not professional - professional		-,232	,159	-,087	,072
training needed - sufficiently trained		-,388	-,355	-,087	-,007
woolly - precise		,484	,054	,152	-,163
uninteresting - interesting		,743	-,225	,348	,036
unreliable - reliable		-,147	-,337	,109	-,033
irrelevant - relevant		,366	-,123	,261	,138

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		boring - exciting	inefficient - efficient	unimportant - important	inexperienced - experienced
3	boring - exciting	,361	-,528	-,083	,069
	inefficient - efficient	-,528	1,444	-,042	-,236
	unimportant - important	-,083	-,042	,250	,167
	inexperienced - experienced	,069	-,236	,167	,528
	unsupported - is supported	,167	-,167	,000	,167
	neutral for success of employer - positive for success of employer	-,292	,542	,000	,083
	no learning benefit - learning benefit	-,014	-,028	-,083	-,181
	not professional - professional	,014	-,597	,583	,306
	training needed - sufficiently trained	,028	,056	,167	,111
	woolly - precise	,139	-,097	,083	,431
	uninteresting - interesting	,236	-,278	-,083	,194
	unreliable - reliable	,278	,056	-,333	-,514
	irrelevant - relevant	-,083	-,042	,250	,167
	4	boring - exciting	1,120	,045	,225
inefficient - efficient		,045	1,590	-,139	,169
unimportant - important		,225	-,139	,431	-,068
inexperienced - experienced		,033	,169	-,068	,265
unsupported - is supported		,060	,257	,164	,215
neutral for success of employer - positive for success of employer		-,145	-,342	,398	-,110
no learning benefit - learning benefit		,156	-,041	,089	,047
not professional - professional		,143	,159	,052	,206
training needed - sufficiently trained		-,068	,053	,039	,112
woolly - precise		-,025	,278	-,075	,166
uninteresting - interesting		,457	-,134	,053	-,008
unreliable - reliable		-,109	,255	,068	,053
irrelevant - relevant		,223	-,141	,365	-,032

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		boring - exciting	inefficient - efficient	unimportant - important	inexperienced - experienced
Gesamt	boring - exciting	1,232	-,004	,201	,042
	inefficient - efficient	-,004	1,954	-,063	,653
	unimportant - important	,201	-,063	,451	,078
	inexperienced - experienced	,042	,653	,078	1,073
	unsupported - is supported	,204	,135	,173	,236
	neutral for success of employer - positive for success of employer	-,063	-,201	,364	-,050
	no learning benefit - learning benefit	,298	,020	,143	,057
	not professional - professional	,051	,759	,079	,850
	training needed - sufficiently trained	,011	1,039	,119	1,025
	woolly - precise	,035	,104	,156	,033
	uninteresting - interesting	,508	-,242	,138	-,077
	unreliable - reliable	-,217	-,036	,204	-,100
	irrelevant - relevant	,174	-,020	,349	,120

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		unsupported - is supported	neutral for success of employer - positive for success of employer	no learning benefit - learning benefit
1	boring - exciting	-,200	,200	,400
	inefficient - efficient	,600	,000	,400
	unimportant - important	,400	,133	,333
	inexperienced - experienced	,600	,133	,333
	unsupported - is supported	1,100	,200	,500
	neutral for success of employer - positive for success of employer	,200	,267	,267
	no learning benefit - learning benefit	,500	,267	,567
	not professional - professional	-,200	,000	,000
	training needed - sufficiently trained	-,300	,067	-,033
	woolly - precise	,300	,400	-,100
	uninteresting - interesting	-,100	,000	,100
	unreliable - reliable	,200	,400	,000
	irrelevant - relevant	,300	,067	,167
	2	boring - exciting	,511	,212
inefficient - efficient		-,370	-,272	,018
unimportant - important		,174	,283	,283
inexperienced - experienced		-,065	,163	,105
unsupported - is supported		1,239	,272	,185
neutral for success of employer - positive for success of employer		,272	,418	,288
no learning benefit - learning benefit		,185	,288	,563
not professional - professional		,261	,000	-,072
training needed - sufficiently trained		-,283	-,076	-,221
woolly - precise		,641	,016	,016
uninteresting - interesting		,196	,185	,214
unreliable - reliable		,120	,125	-,005
irrelevant - relevant		,109	,272	,286

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		unsupported - is supported	neutral for success of employer - positive for success of employer	no learning benefit - learning benefit
3	boring - exciting	,167	-,292	-,014
	inefficient - efficient	-,167	,542	-,028
	unimportant - important	,000	,000	-,083
	inexperienced - experienced	,167	,083	-,181
	unsupported - is supported	,500	,125	-,083
	neutral for success of employer - positive for success of employer	,125	1,250	-,167
	no learning benefit - learning benefit	-,083	-,167	,111
	not professional - professional	-,042	-,583	-,111
	training needed - sufficiently trained	-,208	-,167	-,097
	woolly - precise	,333	,417	-,236
	uninteresting - interesting	,167	-,292	-,014
	unreliable - reliable	-,083	-,417	,153
	irrelevant - relevant	,000	,000	-,083
	4	boring - exciting	,060	-,145
inefficient - efficient		,257	-,342	-,041
unimportant - important		,164	,398	,089
inexperienced - experienced		,215	-,110	,047
unsupported - is supported		,817	,249	,156
neutral for success of employer - positive for success of employer		,249	,956	,060
no learning benefit - learning benefit		,156	,060	,190
not professional - professional		,174	-,095	,040
training needed - sufficiently trained		,175	-,011	,036
woolly - precise		,339	-,128	,034
uninteresting - interesting		-,179	-,049	,078
unreliable - reliable		,225	,155	,059
irrelevant - relevant		,253	,380	,098

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		unsupported - is supported	neutral for success of employer - positive for success of employer	no learning benefit - learning benefit
Gesamt	boring - exciting	,204	-,063	,298
	inefficient - efficient	,135	-,201	,020
	unimportant - important	,173	,364	,143
	inexperienced - experienced	,236	-,050	,057
	unsupported - is supported	,926	,229	,159
	neutral for success of employer - positive for success of employer	,229	,852	,118
	no learning benefit - learning benefit	,159	,118	,321
	not professional - professional	,287	-,231	-,011
	training needed - sufficiently trained	,191	-,068	-,029
	woolly - precise	,424	,199	-,021
	uninteresting - interesting	-,019	,018	,111
	unreliable - reliable	,145	,335	,029
	irrelevant - relevant	,188	,336	,136

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		not professional - professional	training needed - sufficiently trained	woolly - precise
1	boring - exciting	,200	,200	-,400
	inefficient - efficient	-,200	-,200	-,600
	unimportant - important	,000	-,067	,000
	inexperienced - experienced	-,600	-,067	,000
	unsupported - is supported	-,200	-,300	,300
	neutral for success of employer - positive for success of employer	,000	,067	,400
	no learning benefit - learning benefit	,000	-,033	-,100
	not professional - professional	,400	,000	-,200
	training needed - sufficiently trained	,000	,167	,100
	woolly - precise	-,200	,100	1,900
	uninteresting - interesting	,000	,100	-,100
	unreliable - reliable	-,400	,200	1,600
	irrelevant - relevant	-,200	-,033	,100
2	boring - exciting	-,232	-,388	,484
	inefficient - efficient	,159	-,355	,054
	unimportant - important	-,087	-,087	,152
	inexperienced - experienced	,072	-,007	-,163
	unsupported - is supported	,261	-,283	,641
	neutral for success of employer - positive for success of employer	,000	-,076	,016
	no learning benefit - learning benefit	-,072	-,221	,016
	not professional - professional	1,449	-,710	,174
	training needed - sufficiently trained	-,710	1,036	-,185
	woolly - precise	,174	-,185	1,027
	uninteresting - interesting	-,232	-,138	,120
	unreliable - reliable	-,043	,207	,179
	irrelevant - relevant	,101	-,210	-,011

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		not professional - professional	training needed - sufficiently trained	woolly - precise
3	boring - exciting	,014	,028	,139
	inefficient - efficient	-,597	,056	-,097
	unimportant - important	,583	,167	,083
	inexperienced - experienced	,306	,111	,431
	unsupported - is supported	-,042	-,208	,333
	neutral for success of employer - positive for success of employer	-,583	-,167	,417
	no learning benefit - learning benefit	-,111	-,097	-,236
	not professional - professional	1,861	,222	-,014
	training needed - sufficiently trained	,222	,944	,097
	woolly - precise	-,014	,097	,611
	uninteresting - interesting	-,111	-,097	,139
	unreliable - reliable	-,653	,319	-,278
	irrelevant - relevant	,583	,167	,083
	4	boring - exciting	,143	-,068
inefficient - efficient		,159	,053	,278
unimportant - important		,052	,039	-,075
inexperienced - experienced		,206	,112	,166
unsupported - is supported		,174	,175	,339
neutral for success of employer - positive for success of employer		-,095	-,011	-,128
no learning benefit - learning benefit		,040	,036	,034
not professional - professional		,746	,087	,169
training needed - sufficiently trained		,087	,428	-,018
woolly - precise		,169	-,018	,998
uninteresting - interesting		,024	,052	-,168
unreliable - reliable		,052	-,052	,561
irrelevant - relevant		,036	,025	-,094

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		not professional - professional	training needed - sufficiently trained	woolly - precise
Gesamt	boring - exciting	,051	,011	,035
	inefficient - efficient	,759	1,039	,104
	unimportant - important	,079	,119	,156
	inexperienced - experienced	,850	1,025	,033
	unsupported - is supported	,287	,191	,424
	neutral for success of employer - positive for success of employer	-,231	-,068	,199
	no learning benefit - learning benefit	-,011	-,029	-,021
	not professional - professional	2,083	1,282	,005
	training needed - sufficiently trained	1,282	3,231	-,068
	woolly - precise	,005	-,068	1,268
	uninteresting - interesting	-,177	-,128	-,024
	unreliable - reliable	-,292	-,027	,779
	irrelevant - relevant	,146	,101	,086

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		uninteresting - interesting	unreliable - reliable	irrelevant - relevant
1	boring - exciting	,400	-,200	,000
	inefficient - efficient	-,200	-,400	,200
	unimportant - important	,200	,000	,133
	inexperienced - experienced	-,400	,400	,333
	unsupported - is supported	-,100	,200	,300
	neutral for success of employer - positive for success of employer	,000	,400	,067
	no learning benefit - learning benefit	,100	,000	,167
	not professional - professional	,000	-,400	-,200
	training needed - sufficiently trained	,100	,200	-,033
	woolly - precise	-,100	1,600	,100
	uninteresting - interesting	,700	,000	,100
	unreliable - reliable	,000	1,600	,200
	irrelevant - relevant	,100	,200	,167
	2	boring - exciting	,743	-,147
inefficient - efficient		-,225	-,337	-,123
unimportant - important		,348	,109	,261
inexperienced - experienced		,036	-,033	,138
unsupported - is supported		,196	,120	,109
neutral for success of employer - positive for success of employer		,185	,125	,272
no learning benefit - learning benefit		,214	-,005	,286
not professional - professional		-,232	-,043	,101
training needed - sufficiently trained		-,138	,207	-,210
woolly - precise		,120	,179	-,011
uninteresting - interesting		,775	-,054	,138
unreliable - reliable		-,054	,288	,033
irrelevant - relevant		,138	,033	,341

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		uninteresting - interesting	unreliable - reliable	irrelevant - relevant
3	boring - exciting	,236	,278	-,083
	inefficient - efficient	-,278	,056	-,042
	unimportant - important	-,083	-,333	,250
	inexperienced - experienced	,194	-,514	,167
	unsupported - is supported	,167	-,083	,000
	neutral for success of employer - positive for success of employer	-,292	-,417	,000
	no learning benefit - learning benefit	-,014	,153	-,083
	not professional - professional	-,111	-,653	,583
	training needed - sufficiently trained	-,097	,319	,167
	woolly - precise	,139	-,278	,083
	uninteresting - interesting	,361	,028	-,083
	unreliable - reliable	,028	1,194	-,333
	irrelevant - relevant	-,083	-,333	,250
	4	boring - exciting	,457	-,109
inefficient - efficient		-,134	,255	-,141
unimportant - important		,053	,068	,365
inexperienced - experienced		-,008	,053	-,032
unsupported - is supported		-,179	,225	,253
neutral for success of employer - positive for success of employer		-,049	,155	,380
no learning benefit - learning benefit		,078	,059	,098
not professional - professional		,024	,052	,036
training needed - sufficiently trained		,052	-,052	,025
woolly - precise		-,168	,561	-,094
uninteresting - interesting		,568	-,250	-,002
unreliable - reliable		-,250	,977	,062
irrelevant - relevant		-,002	,062	,417

Kovarianz-Matrizen^a

Cluster-Nr. des Falls		uninteresting - interesting	unreliable - reliable	irrelevant - relevant
Gesamt	boring - exciting	,508	-,217	,174
	inefficient - efficient	-,242	-,036	-,020
	unimportant - important	,138	,204	,349
	inexperienced - experienced	-,077	-,100	,120
	unsupported - is supported	-,019	,145	,188
	neutral for success of employer - positive for success of employer	,018	,335	,336
	no learning benefit - learning benefit	,111	,029	,136
	not professional - professional	-,177	-,292	,146
	training needed - sufficiently trained	-,128	-,027	,101
	woolly - precise	-,024	,779	,086
	uninteresting - interesting	,610	-,117	,035
	unreliable - reliable	-,117	1,309	,169
	irrelevant - relevant	,035	,169	,396

a. Die Kovarianzmatrix für alle Fälle hat einen Freiheitsgrad von 72.

Analyse 1

Box-Test auf Gleichheit der Kovarianz-Matrizen

Log-Determinanten

Cluster-Nr. des Falls	Rang	Log- Determinante
1	. ^a	. ^b
2	13	-12,361
3	. ^c	. ^b
4	13	-12,265
Gemeinsam innerhalb der Gruppen	13	-8,466

Die Ränge und natürlichen Logarithmen der ausgegebenen Determinanten sind die der Gruppen-Kovarianz-Matrizen.

- a. Rang < 6
- b. Zu wenig Fälle für Nicht-Singularität
- c. Rang < 9

Textergebnisse^a

Box-M	366,907
F	2,975
df1	91
df2	7731,328
Signifikanz	,000

Testet die Null-Hypothese der Kovarianz-Matrizen gleicher Grundgesamtheit.

- a. Einige der Kovarianz-Matrizen sind singulär, so daß die übliche Vorgehensweise ungeeignet ist. Die nicht-singulären Gruppen werden gegenüber der eigenen gemeinsamen Kovarianzmatrix innerhalb der Gruppen getestet. Der Logarithmus der Determinanten ist -5,752.

Zusammenfassung der kanonischen Diskriminanzfunktionen

Eigenwerte

Funktion	Eigenwert	% der Varianz	Kumulierte %	Kanonische Korrelation
1	7,262 ^a	80,8	80,8	,938
2	1,258 ^a	14,0	94,8	,746
3	,465 ^a	5,2	100,0	,563

a. Die ersten 3 kanonischen Diskriminanzfunktionen werden in dieser Analyse verwendet.

Wilks' Lambda

Test der Funktion(en)	Wilks-Lambda	Chi-Quadrat	df	Signifikanz
1 bis 3	,037	210,070	39	,000
2 bis 3	,302	75,979	24	,000
3	,683	24,248	11	,012

Standardisierte kanonische Diskriminanzfunktionskoeffizienten

	Funktion		
	1	2	3
boring - exciting	,239	-,491	-,323
inefficient - efficient	,298	,256	-,029
unimportant - important	-,256	-,011	,281
inexperienced - experienced	,100	-,081	,798
unsupported - is supported	-,046	-,356	-,051
neutral for success of employer - positive for success of employer	,308	,068	-,254
no learning benefit - learning benefit	,100	-,116	-,163
not professional - professional	,574	-,086	,314
training needed - sufficiently trained	,955	,092	-,472
woolly - precise	-,016	,495	-,202
uninteresting - interesting	-,004	,435	,043
unreliable - reliable	-,115	,559	,253
irrelevant - relevant	-,012	,684	-,110

Struktur-Matrix

	Funktion		
	1	2	3
training needed - sufficiently trained	,737*	,158	-,303
inefficient - efficient	,224*	,076	,155
unsupported - is supported	,059*	,026	,003
unreliable - reliable	-,057	,717*	,027
woolly - precise	-,022	,475*	,004
unimportant - important	,029	,368*	-,005
irrelevant - relevant	,044	,348*	,039
neutral for success of employer - positive for success of employer	-,024	,346*	-,163
inexperienced - experienced	,329	-,004	,719*
not professional - professional	,347	-,095	,507*
boring - exciting	,031	-,141	-,236*
uninteresting - interesting	-,036	,004	-,163*
no learning benefit - learning benefit	,014	-,022	-,111*

Gemeinsame Korrelationen innerhalb der Gruppen zwischen Diskriminanzvariablen und standardisierten kanonischen Diskriminanzfunktionen

Variablen sind nach ihrer absoluten Korrelationsgröße innerhalb der Funktion geordnet.

*. Größte absolute Korrelation zwischen jeder Variablen und einer Diskriminanzfunktion

Kanonische Diskriminanzfunktionskoeffizienten

	Funktion		
	1	2	3
boring - exciting	,217	-,446	-,293
inefficient - efficient	,245	,210	-,024
unimportant - important	-,404	-,017	,444
inexperienced - experienced	,135	-,109	1,073
unsupported - is supported	-,047	-,367	-,053
neutral for success of employer - positive for success of employer	,353	,078	-,291
no learning benefit - learning benefit	,174	-,201	-,282
not professional - professional	,551	-,083	,302
training needed - sufficiently trained	1,165	,112	-,576
woolly - precise	-,016	,488	-,200
uninteresting - interesting	-,004	,551	,055
unreliable - reliable	-,127	,618	,279
irrelevant - relevant	-,021	1,150	-,185
(Konstant)	-8,056	-9,761	-1,793

Nicht-standardisierte Koeffizienten

Funktionen bei den Gruppen-Zentroiden

Cluster-Nr. des Falls	Funktion		
	1	2	3
1	-5,687	,392	-1,667
2	-1,636	,818	,692
3	-1,509	-2,780	,352
4	2,557	,089	-,287

Nicht-standardisierte kanonische Diskriminanzfunktionen, die bezüglich des Gruppen-Mittelwertes bewertet werden

Klassifizierungsstatistiken

Zusammenfassung der Verarbeitung von Klassifizierungen

Verarbeitet		142
Ausgeschlossen	Fehlende oder außerhalb des Bereichs liegende Gruppencodes	0
	Wenigstens eine Diskriminanzvariable fehlt	69
In der Ausgabe verwendet		73

A-priori-Wahrscheinlichkeiten der Gruppen

Cluster-Nr. des Falls	A-priori	In der Analyse verwendete Fälle	
		Ungewichtet	Gewichtet
1	,250	6	6,000
2	,250	24	24,000
3	,250	9	9,000
4	,250	34	34,000
Gesamt	1,000	73	73,000

Klassifizierungsfunktionskoeffizienten

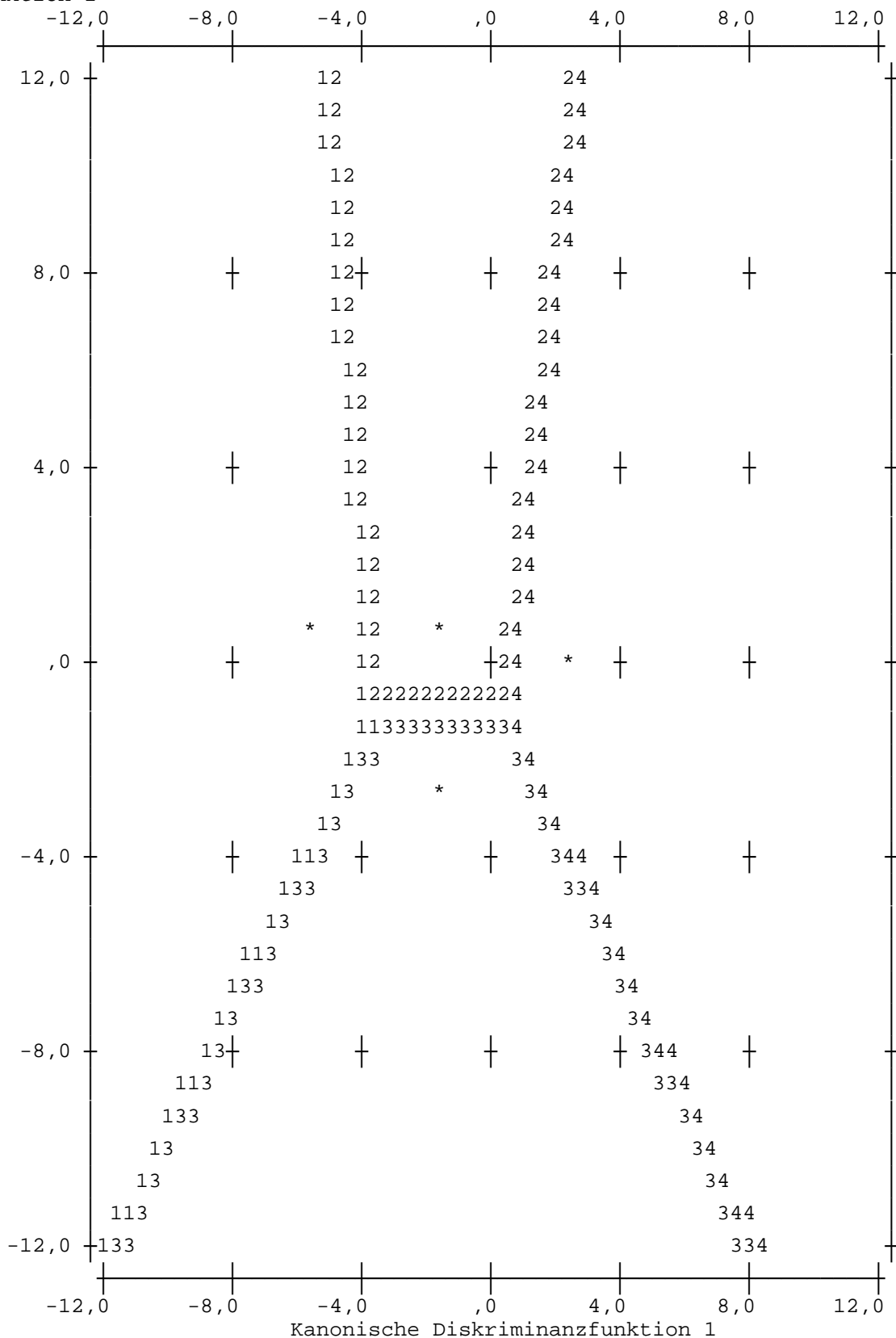
	Cluster-Nr. des Falls			
	1	2	3	4
boring - exciting	-6,631	-6,634	-4,903	-5,114
inefficient - efficient	3,871	4,897	4,180	5,795
unimportant - important	-7,103	-7,699	-7,840	-9,817
inexperienced - experienced	-,009	3,021	3,066	2,614
unsupported - is supported	-3,449	-3,922	-2,589	-3,801
neutral for success of employer - positive for success of employer	2,913	3,690	3,555	5,399
no learning benefit - learning benefit	12,114	12,066	12,909	13,216
not professional - professional	1,665	4,574	4,839	6,649
training needed - sufficiently trained	2,561	5,972	5,913	11,341
woolly - precise	5,783	5,456	3,767	5,230
uninteresting - interesting	15,245	15,592	13,589	15,118
unreliable - reliable	4,512	4,920	2,585	3,663
irrelevant - relevant	18,596	18,565	14,488	17,820
(Konstant)	-118,542	-143,845	-112,284	-170,153

Lineare Diskriminanzfunktionen nach Fisher

Territorien

(Annahme: alle Funktionen außer der ersten zwei sind gleich null.)

Kanonische Diskriminanz-
funktion 2

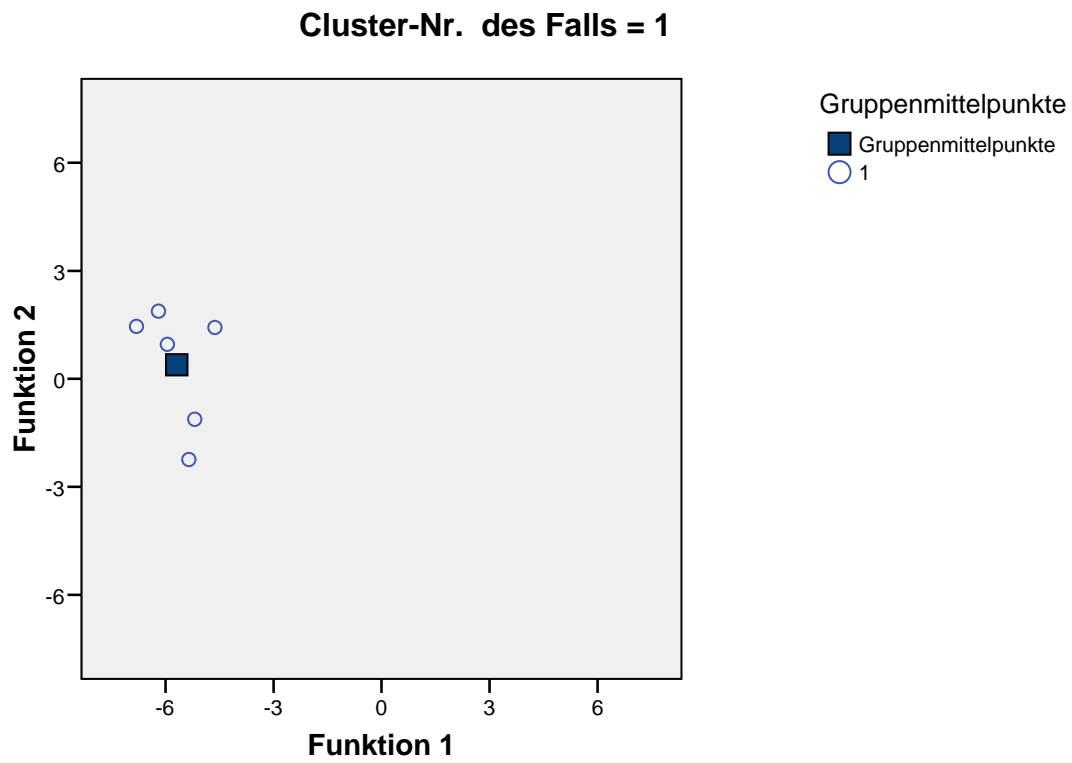


Symbole für Territorien

Symbol	Grp.	Label
1	1	
2	2	
3	3	
4	4	
*		Markiert Gruppenzentroide

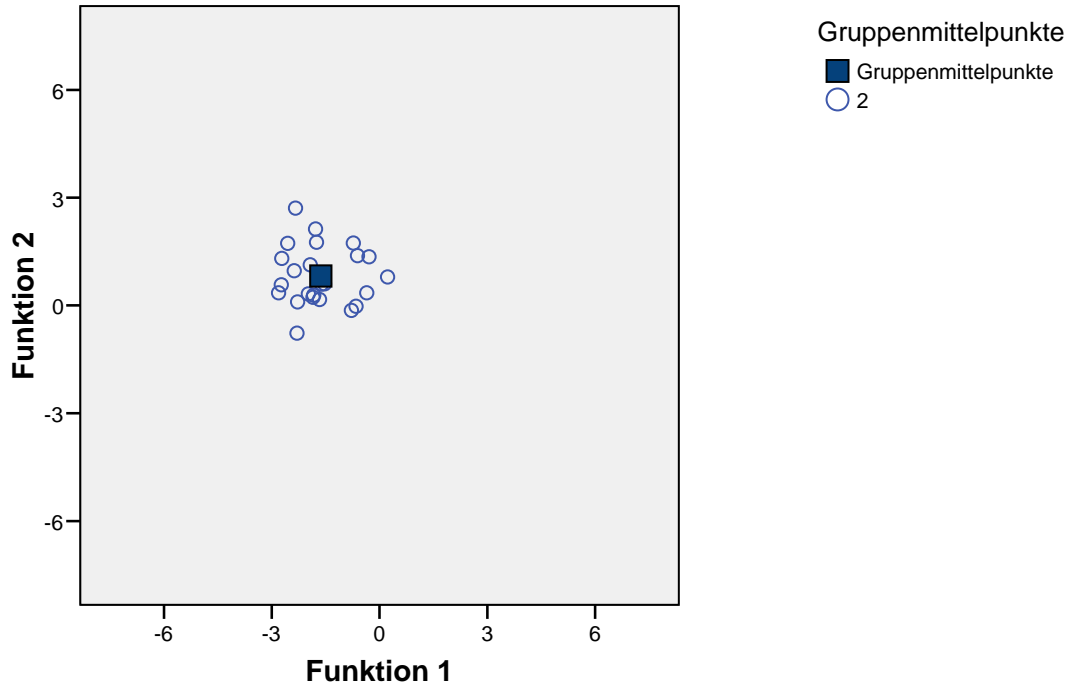
Graphische Darstellung getrennter Gruppen

Kanonische Diskriminanzfunktion



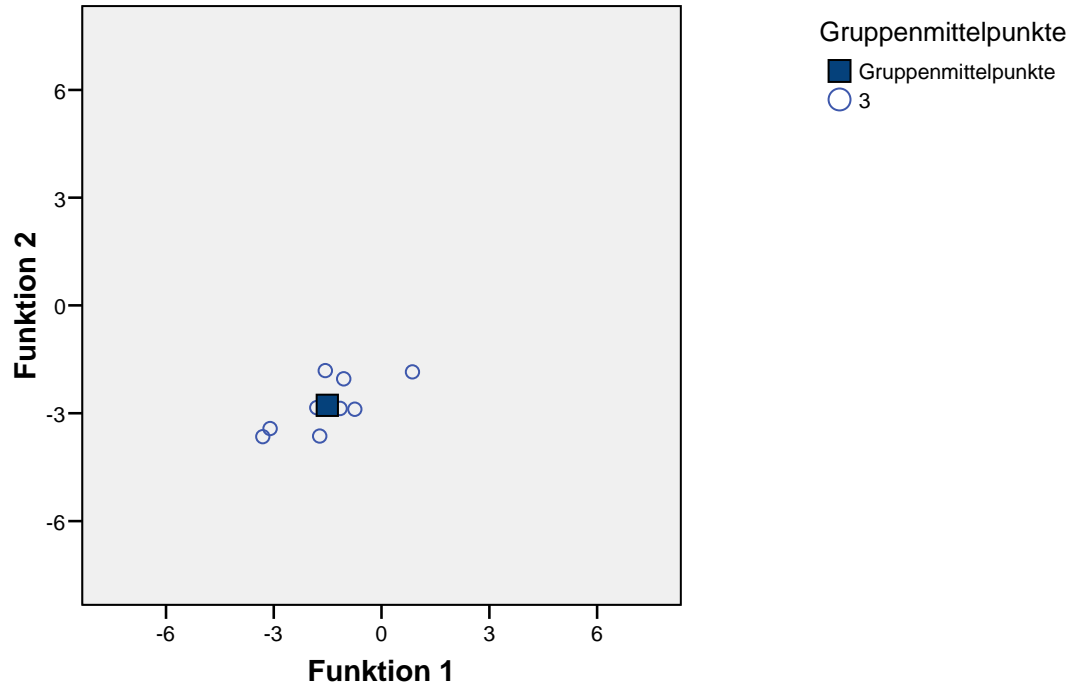
Kanonische Diskriminanzfunktion

Cluster-Nr. des Falls = 2



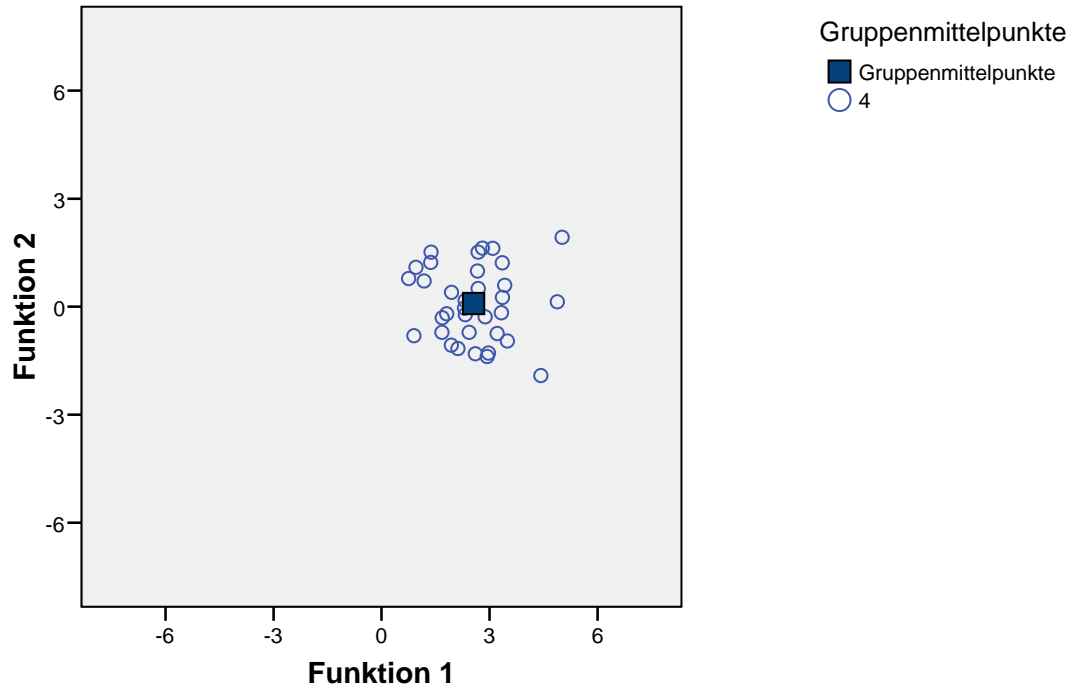
Kanonische Diskriminanzfunktion

Cluster-Nr. des Falls = 3

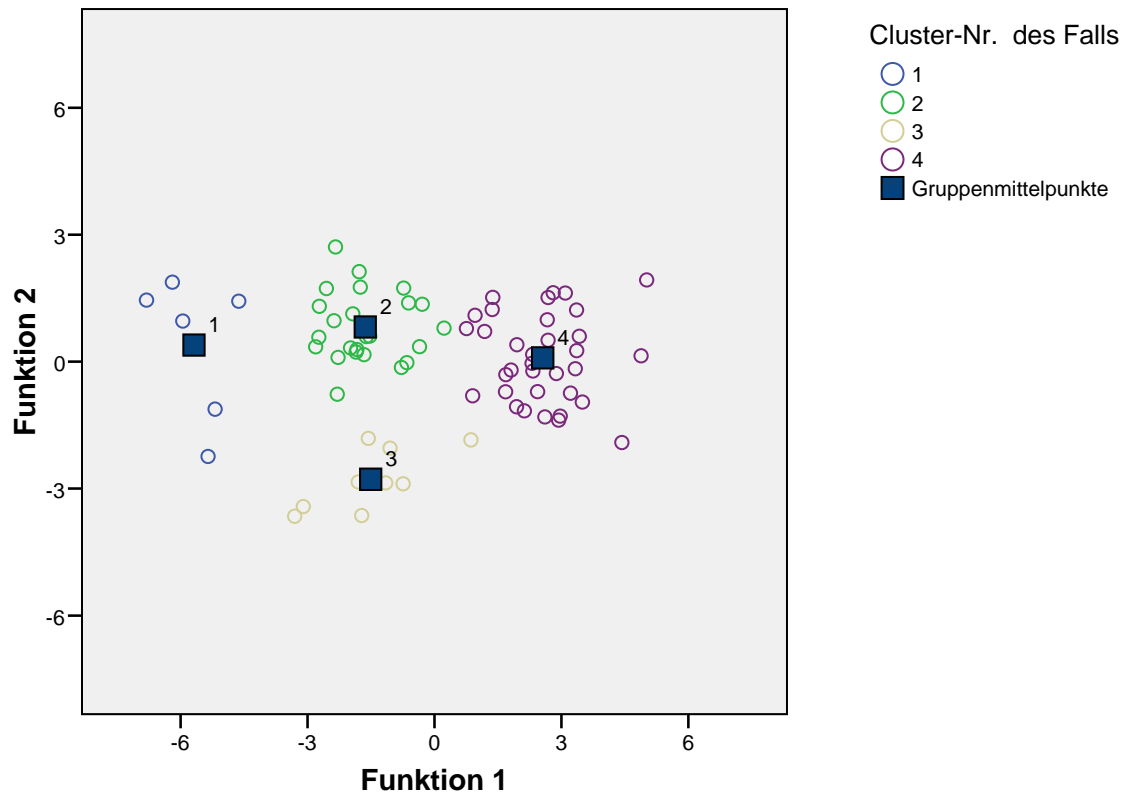


Kanonische Diskriminanzfunktion

Cluster-Nr. des Falls = 4



Kanonische Diskriminanzfunktion



Klassifizierungsergebnisse^{b,c}

			Vorhergesagte Gruppenzugehörigkeit		
			1	2	3
Original	Anzahl	1	6	0	0
		2	0	24	0
		3	0	0	9
		4	0	0	0
	%	1	100,0	,0	,0
		2	,0	100,0	,0
		3	,0	,0	100,0
		4	,0	,0	,0
Kreuzvalidiert ^a	Anzahl	1	5	0	1
		2	1	20	1
		3	0	0	8
		4	0	0	0
	%	1	83,3	,0	16,7
		2	4,2	83,3	4,2
		3	,0	,0	88,9
		4	,0	,0	,0

Klassifizierungsergebnisse^{b,c}

			Vorherges	Gesamt
			4	
Original	Anzahl	1	0	6
		2	0	24
		3	0	9
		4	34	34
	%	1	,0	100,0
		2	,0	100,0
		3	,0	100,0
		4	100,0	100,0
Kreuzvalidiert ^a	Anzahl	1	0	6
		2	2	24
		3	1	9
		4	34	34
	%	1	,0	100,0
		2	8,3	100,0
		3	11,1	100,0
		4	100,0	100,0

a. Die Kreuzvalidierung wird nur für Fälle in dieser Analyse vorgenommen. In der Kreuzvalidierung ist jeder Fall durch die Funktionen klassifiziert, die von allen anderen Fällen außer diesem Fall abgeleitet werden.

b. 100,0% der ursprünglich gruppierten Fälle wurden korrekt klassifiziert.

c. 91,8% der kreuzvalidierten gruppierten Fälle wurden korrekt klassifiziert.