Cluster

[DatenSet2] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\User Analysis \S&T&N_InternationalForerunner.sav

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß						
Fall	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	43,941	14,637	26,857	62,399	19,750	15,052
2:Case 2	43,941	,000	16,397	14,260	18,870	18,184	18,855
3:Case 3	14,637	16,397	,000	2,739	22,305	10,996	7,640
4:Case 4	26,857	14,260	2,739	,000	14,053	17,209	13,853
5:Case 5	62,399	18,870	22,305	14,053	,000	36,642	37,313
6:Case 6	19,750	18,184	10,996	17,209	36,642	,000	,671
7:Case 7	15,052	18,855	7,640	13,853	37,313	,671	,000
8:Case 8	9,373	18,050	2,524	5,828	27,175	11,739	8,383
9:Case 9	19,441	12,008	8,565	11,869	21,134	5,698	6,369
10:Case 10	33,940	10,024	8,583	7,847	6,600	14,189	14,860
11:Case 11	25,738	9,694	6,228	7,566	24,934	5,350	4,679
12:Case 12	12,757	29,940	12,695	20,910	48,397	9,754	7,740
13:Case 13	21,245	12,844	2,477	3,213	21,969	6,228	4,214
14:Case 14	11,569	15,854	5,510	12,289	31,094	3,195	2,524
15:Case 15	44,539	8,305	11,739	7,564	4,881	18,782	19,453
16:Case 16	20,527	16,435	3,195	5,368	25,561	5,510	3,496
17:Case 17	17,271	36,542	21,331	30,983	67,962	25,008	20,309
18:Case 18	25,767	14,450	15,043	19,820	42,653	16,756	14,742
19:Case 19	19,232	16,200	1,806	2,542	25,326	9,584	6,228
20:Case 20	41,344	12,751	9,285	4,508	3,213	20,957	20,286
21:Case 21	15,770	15,263	6,922	11,698	33,721	1,390	,718
22:Case 22	23,400	10,689	3,195	2,495	19,815	8,383	6,369
23:Case 23	3,496	28,802	5,527	13,707	37,928	11,869	8,513
24:Case 24	7,408	20,281	5,909	12,688	38,739	4,404	2,391
25:Case 25	20,226	13,863	3,496	6,270	29,103	5,209	3,195
26:Case 26	21,577	14,121	6,627	7,965	32,579	6,559	4,546
27:Case 27	39,841	8,976	8,383	4,208	5,552	19,453	18,782
28:Case 28	20,168	15,764	12,046	15,952	40,748	27,905	23,206
29:Case 29	46,094	10,718	14,152	14,053	16,305	20,337	21,008
30:Case 30	12,500	18,455	3,213	9,426	33,696	3,489	1,476
31:Case 31	36,783	7,957	7,364	5,227	10,647	16,396	15,725
32:Case 32	22,460	17,757	8,261	9,563	26,883	13,449	11,435
33:Case 33	26,992	9,970	5,350	3,213	19,096	11,974	9,961
34:Case 34	29,632	11,436	11,997	13,335	29,894	3,874	4,546
35:Case 35	15,770	15,263	6,922	11,698	33,721	1,390	,718
36:Case 36	16,044	28,388	18,076	26,256	50,476	24,418	21,062
37:Case 37	27,250	16,649	15,240	17,943	29,405	24,247	22,233
38:Case 38	38,523	18,356	19,820	19,048	21,780	35,519	33,505
39:Case 39	40,517	7,500	10,935	6,759	7,294	14,760	15,431
40:Case 40	22,162	8,872	3,403	4,705	14,780	7,781	7,110
41:Case 41	18,805	10,886	1,390	2,691	16,794	9,795	7,781
42:Case 42	16,044	28,388	18,076	26,256	50,476	24,418	21,062
43:Case 43	22,277	33,538	20,330	27,979	64,958	24,007	19,308
44:Case 44	16,392	11,690	2,194	3,496	20,816	7,382	5,368
45:Case 45	25,738	9,694	6,228	7,566	24,934	5,350	4,679
46:Case 46	35,047	7,285	10,720	8,583	16,411	9,289	9,961
47:Case 47	1,001	36,933	9,631	19,849	55,391	14,745	10,046
48:Case 48	28,318	23,469	22,343	29,993	54,889	13,938	13,267
49:Case 49	11,696	20,869	5,626	11,840	39,327	2,685	,671
50:Case 50	37,460	6,481	9,916	7,779	12,389	11,703	12,374
51:Case 51	40,517	7,500	10,935	6,759	7,294	14,760	15,431
52:Case 52	14,237	13,845	1,476	4,214	22,971	5,227	3,213
53:Case 53	18,422	13,028	9,584	14,927	28,268	4,679	5,350
54:Case 54	15,373	12,709	3,213	6,553	27,949	6,363	4,349
55:Case 56	17,925	13,109	7,640	10,980	31,566	3,544	2,873

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß						
Fall	1:Case 1	2:Case 2	3:Case 3	4:Case 4	5:Case 5	6:Case 6	7:Case 7
56:Case 57	14,237	13,845	1,476	4,214	22,971	5,227	3,213
57:Case 59	32,297	9,263	16,756	18,058	31,350	17,916	17,245
58:Case 60	28,229	14,939	9,471	10,773	20,847	13,849	13,177
59:Case 61	62,399	18,870	22,305	14,053	,000	36,642	37,313

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	9,373	19,441	33,940	25,738	12,757	21,245
2:Case 2	18,050	12,008	10,024	9,694	29,940	12,844
3:Case 3	2,524	8,565	8,583	6,228	12,695	2,477
4:Case 4	5,828	11,869	7,847	7,566	20,910	3,213
5:Case 5	27,175	21,134	6,600	24,934	48,397	21,969
6:Case 6	11,739	5,698	14,189	5,350	9,754	6,228
7:Case 7	8,383	6,369	14,860	4,679	7,740	4,214
8:Case 8	,000	6,041	11,279	7,709	11,435	5,394
9:Case 9	6,041	,000	5,238	5,695	13,449	7,408
10:Case 10	11,279	5,238	,000	8,966	23,943	8,641
11:Case 11	7,709	5,695	8,966	,000	14,421	2,409
12:Case 12	11,435	13,449	23,943	14,421	,000	12,614
13:Case 13	5,394	7,408	8,641	2,409	12,614	,000
14:Case 14	4,422	2,409	9,685	4,723	8,261	5,695
15:Case 15	15,001	8,960	1,719	8,683	30,538	9,795
16:Case 16	7,549	9,563	10,796	4,564	11,896	,718
17:Case 17	21,508	31,577	42,070	29,863	9,884	23,935
18:Case 18	15,958	17,972	23,246	14,939	9,005	14,569
19:Case 19	4,723	10,764	11,997	4,422	13,285	,671
20:Case 20	13,984	11,970	2,691	12,389	30,028	8,683
21:Case 21	6,228	4,214	12,706	2,524	8,458	3,496
22:Case 22	4,676	6,690	7,923	1,690	14,769	,718
23:Case 23	3,874	9,916	17,156	15,588	9,563	10,400
24:Case 24	3,213	5,227	15,720	6,199	6,786	5,828
25:Case 25	6,413	8,427	11,698	1,390	11,595	1,019
26:Case 26	6,499	8,513	15,002	1,476	12,945	2,542
27:Case 27	11,645	9,631	2,391	8,012	28,524	7,781
28:Case 28	9,694	19,763	23,821	18,050	24,916	17,867
29:Case 29	19,023	12,982	6,600	8,629	32,092	13,817
30:Case 30	5,565	7,578	12,852	4,546	7,873	2,739
31:Case 31	10,626	8,612	3,410	4,955	25,467	6,762
32:Case 32	7,740	9,754	12,989	8,759	5,698	7,787
33:Case 33	5,394	7,408	8,641	2,409	18,360	2,873
34:Case 34	11,869	5,828	12,317	1,476	15,630	5,227
35:Case 35	6,228	4,214	12,706	2,524	8,458	3,496
36:Case 36	16,423	22,464	29,704	28,136	9,977	22,949
37:Case 37	15,761	17,775	17,757	22,823	14,493	18,377
38:Case 38	20,514	22,527	17,254	29,614	25,766	24,565
39:Case 39	12,588	6,546	2,524	6,270	26,516	7,382
40:Case 40	4,491	2,477	2,495	2,825	14,850	3,195
41:Case 41	2,477	4,491	4,508	3,496	14,178	2,524
42:Case 42	16,423	22,464	29,704	28,136	9,977	22,949
43:Case 43	22,509	32,578	41,069	26,860	10,886	20,931
44:Case 44	1,672	3,686	6,922	2,691	11,765	1,719
45:Case 45	7,709	5,695	8,966	,000	14,421	2,409
46:Case 46	10,764	4,723	5,956	2,409	21,045	5,558
47:Case 47	6,369	16,438	28,934	18,729	9,754	14,237
48:Case 48	24,523	22,509	31,000	20,819	8,872	18,918
49:Case 49	6,369	8,383	16,874	5,350	7,069	3,543
50:Case 50	11,569	5,527	3,543	3,213	23,459	6,363
51:Case 51	12,588	6,546	2,524	6,270	26,516	7,382
52:Case 52	2,391	4,404	7,640	3,410	9,610	1,001
53:Case 53	7,060	1,019	8,295	4,676	12,430	8,427
54:Case 54	2,691	4,705	9,979	1,672	10,746	2,739
55:Case 56	5,510	3,496	11,987	1,806	10,613	4,214

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	8:Case 8	9:Case 9	10:Case 10	11:Case 11	12:Case 12	13:Case 13
56:Case 57	2,391	4,404	7,640	3,410	9,610	1,001
57:Case 59	16,235	14,221	17,456	14,569	12,850	14,939
58:Case 60	10,558	8,544	8,562	8,892	8,782	9,263
59:Case 61	27,175	21,134	6,600	24,934	48,397	21,969

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	14:Case 14	15:Case 15	16:Case 16	17:Case 17	18:Case 18	19:Case 19
1:Case 1	11,569	44,539	20,527	17,271	25,767	19,232
2:Case 2	15,854	8,305	16,435	36,542	14,450	16,200
3:Case 3	5,510	11,739	3,195	21,331	15,043	1,806
4:Case 4	12,289	7,564	5,368	30,983	19,820	2,542
5:Case 5	31,094	4,881	25,561	67,962	42,653	25,326
6:Case 6	3,195	18,782	5,510	25,008	16,756	9,584
7:Case 7	2,524	19,453	3,496	20,309	14,742	6,228
8:Case 8	4,422	15,001	7,549	21,508	15,958	4,723
9:Case 9	2,409	8,960	9,563	31,577	17,972	10,764
10:Case 10	9,685	1,719	10,796	42,070	23,246	11,997
11:Case 11	4,723	8,683	4,564	29,863	14,939	4,422
12:Case 12	8,261	30,538	11,896	9,884	9,005	13,285
13:Case 13	5,695	9,795	,718	23,935	14,569	,671
14:Case 14	,000	14,843	6,413	22,267	14,221	7,709
15:Case 15	14,843	,000	13,386	50,102	26,402	13,151
16:Case 16	6,413	13,386	,000	21,780	15,287	1,390
17:Case 17	22,267	50,102	21,780	,000	7,364	21,921
18:Case 18	14,221	26,402	15,287	7,364	,000	15,240
19:Case 19	7,709	13,151	1,390	21,921	15,240	,000
20:Case 20	17,112	2,409	10,838	45,470	27,328	10,697
21:Case 21	1,806	15,862	4,214	22,464	14,024	5,510
22:Case 22	6,413	7,640	2,873	27,526	15,287	1,390
23:Case 23	5,424	25,753	9,682	16,763	18,962	9,729
24:Case 24	1,476	20,879	6,546	18,107	14,354	6,499
25:Case 25	4,676	12,852	1,737	22,916	13,550	1,690
26:Case 26	6,199	14,719	4,697	25,703	15,072	3,213
27:Case 27	14,172	,671	11,373	45,403	24,388	9,795
28:Case 28	16,200	26,106	21,459	20,778	13,431	15,854
29:Case 29	14,789	4,881	17,409	51,657	26,348	17,173
30:Case 30	2,391	17,445	2,020	17,757	13,267	3,410
31:Case 31	11,115	1,690	10,354	42,346	21,331	8,776
32:Case 32	9,477	14,709	9,942	18,455	8,218	8,458
33:Case 33	8,568	6,922	6,465	32,554	17,442	3,544
34:Case 34	6,199	12,034	7,382	33,758	17,757	8,583
35:Case 35	1,806	15,862	4,214	22,464	14,024	5,510
36:Case 36	17,972	38,302	22,230	4,214	6,413	22,277
37:Case 37	18,100	22,916	19,095	12,852	5,882	19,048
38:Case 38	26,327	20,975	26,720	25,561	14,109	25,237
39:Case 39	12,430	,804	10,973	46,080	23,988	10,738
40:Case 40	3,543	4,214	5,350	30,292	15,761	5,209
41:Case 41	4,214	6,228	4,679	26,936	15,090	3,195
42:Case 42	17,972	38,302	22,230	4,214	6,413	22,277
43:Case 43	23,268	47,098	18,776	1,001	6,363	18,918
44:Case 44	3,410	8,641	3,874	24,523	14,286	2,391
45:Case 45	4,723	8,683	4,564	29,863	14,939	4,422
46:Case 46	8,568	4,237	9,150	40,609	20,127	8,914
47:Case 47	8,565	37,531	13,519	14,268	20,761	12,224
48:Case 48	17,227	37,030	16,763	7,042	4,349	20,931
49:Case 49	3,195	21,467	2,825	16,953	14,071	4,214
50:Case 50	9,373	1,823	9,954	43,023	20,931	9,719
51:Case 51	12,430	,804	10,973	46,080	23,988	10,738
52:Case 52	2,691	10,796	1,719	20,931	13,567	1,672
53:Case 53	1,390	12,017	10,582	30,557	16,953	11,783
54:Case 54	2,391	11,698	4,893	23,504	13,267	3,410
55:Case 56	2,524	13,707	6,369	26,056	14,742	6,228

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	14:Case 14	15:Case 15	16:Case 16	17:Case 17	18:Case 18	19:Case 19
56:Case 57	2,691	10,796	1,719	20,931	13,567	1,672
57:Case 59	15,287	19,176	17,094	15,331	2,409	16,953
58:Case 60	9,610	10,282	11,417	24,225	9,694	11,276
59:Case 61	31,094	4,881	25,561	67,962	42,653	25,326

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	20:Case 20	21:Case 21	22:Case 22	23:Case 23	24:Case 24	25:Case 25
1:Case 1	41,344	15,770	23,400	3,496	7,408	20,226
2:Case 2	12,751	15,263	10,689	28,802	20,281	13,863
3:Case 3	9,285	6,922	3,195	5,527	5,909	3,496
4:Case 4	4,508	11,698	2,495	13,707	12,688	6,270
5:Case 5	3,213	33,721	19,815	37,928	38,739	29,103
6:Case 6	20,957	1,390	8,383	11,869	4,404	5,209
7:Case 7	20,286	,718	6,369	8,513	2,391	3,195
8:Case 8	13,984	6,228	4,676	3,874	3,213	6,413
9:Case 9	11,970	4,214	6,690	9,916	5,227	8,427
10:Case 10	2,691	12,706	7,923	17,156	15,720	11,698
11:Case 11	12,389	2,524	1,690	15,588	6,199	1,390
12:Case 12	30,028	8,458	14,769	9,563	6,786	11,595
13:Case 13	8,683	3,496	,718	10,400	5,828	1,019
14:Case 14	17,112	1,806	6,413	5,424	1,476	4,676
15:Case 15	2,409	15,862	7,640	25,753	20,879	12,852
16:Case 16	10,838	4,214	2,873	9,682	6,546	1,737
17:Case 17	45,470	22,464	27,526	16,763	18,107	22,916
18:Case 18	27,328	14,024	15,287	18,962	14,354	13,550
19:Case 19	10,697	5,510	1,390	9,729	6,499	1,690
20:Case 20	,000	18,131	7,965	21,863	21,806	13,779
21:Case 21	18,131	,000	4,214	9,231	1,672	2,477
22:Case 22	7,965	4,214	,000	12,555	6,546	1,737
23:Case 23	21,863	9,231	12,555	,000	4,214	11,419
24:Case 24	21,806	1,672	6,546	4,214	,000	4,809
25:Case 25	13,779	2,477	1,737	11,419	4,809	,000
26:Case 26	17,083	2,391	1,823	14,378	4,723	1,523
27:Case 27	1,737	15,190	5,626	22,397	18,865	10,838
28:Case 28	27,221	19,614	15,712	16,442	15,257	16,848
29:Case 29	11,365	17,416	11,662	29,775	22,434	12,798
30:Case 30	16,935	2,194	4,893	5,695	2,524	1,719
31:Case 31	4,795	12,133	4,607	21,378	15,808	7,781
32:Case 32	15,034	9,280	7,069	13,617	9,610	8,806
33:Case 33	8,683	6,369	,718	16,147	8,701	3,892
34:Case 34	17,083	2,391	4,508	19,748	7,408	4,208
35:Case 35	18,131	,000	4,214	9,231	1,672	2,477
36:Case 36	34,411	21,780	25,103	12,548	16,763	23,968
37:Case 37	19,766	21,515	19,095	16,763	19,842	21,434
38:Case 38	17,224	31,350	23,847	24,388	29,678	29,661
39:Case 39	3,213	11,840	5,227	23,340	16,857	10,439
40:Case 40	5,882	4,955	2,477	10,367	6,627	4,214
41:Case 41	6,553	5,626	1,806	8,354	5,956	3,543
42:Case 42	34,411	21,780	25,103	12,548	16,763	23,968
43:Case 43	42,467	21,463	24,523	19,766	19,108	19,912
44:Case 44	8,966	3,213	1,001	7,549	3,543	2,739
45:Case 45	12,389	2,524	1,690	15,588	6,199	1,390
46:Case 46	8,683	6,369	3,403	21,516	11,386	6,577
47:Case 47	34,336	10,764	16,392	2,495	4,404	13,218
48:Case 48	36,426	15,422	22,509	21,780	17,094	17,898
49:Case 49	20,957	1,390	5,698	6,499	1,719	2,524
50:Case 50	6,270	8,782	4,208	22,321	13,800	7,382
51:Case 51	3,213	11,840	5,227	23,340	16,857	10,439
52:Case 52	9,685	2,495	1,719	5,394	2,825	2,020
53:Case 53	17,065	3,195	7,709	10,935	4,208	7,408
54:Case 54	14,062	2,194	2,020	8,568	2,524	1,719
55:Case 56	17,412	,718	3,496	11,386	2,391	3,195

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	20:Case 20	21:Case 21	22:Case 22	23:Case 23	24:Case 24	25:Case 25
56:Case 57	9,685	2,495	1,719	5,394	2,825	2,020
57:Case 59	20,844	15,090	14,221	22,111	16,763	15,958
58:Case 60	11,949	11,022	8,544	16,435	12,695	10,282
59:Case 61	3,213	33,721	19,815	37,928	38,739	29,103

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	26:Case 26	27:Case 27	28:Case 28	29:Case 29	30:Case 30	31:Case 31
1:Case 1	21,577	39,841	20,168	46,094	12,500	36,783
2:Case 2	14,121	8,976	15,764	10,718	18,455	7,957
3:Case 3	6,627	8,383	12,046	14,152	3,213	7,364
4:Case 4	7,965	4,208	15,952	14,053	9,426	5,227
5:Case 5	32,579	5,552	40,748	16,305	33,696	10,647
6:Case 6	6,559	19,453	27,905	20,337	3,489	16,396
7:Case 7	4,546	18,782	23,206	21,008	1,476	15,725
8:Case 8	6,499	11,645	9,694	19,023	5,565	10,626
9:Case 9	8,513	9,631	19,763	12,982	7,578	8,612
10:Case 10	15,002	2,391	23,821	6,600	12,852	3,410
11:Case 11	1,476	8,012	18,050	8,629	4,546	4,955
12:Case 12	12,945	28,524	24,916	32,092	7,873	25,467
13:Case 13	2,542	7,781	17,867	13,817	2,739	6,762
14:Case 14	6,199	14,172	16,200	14,789	2,391	11,115
15:Case 15	14,719	,671	26,106	4,881	17,445	1,690
16:Case 16	4,697	11,373	21,459	17,409	2,020	10,354
17:Case 17	25,703	45,403	20,778	51,657	17,757	42,346
18:Case 18	15,072	24,388	13,431	26,348	13,267	21,331
19:Case 19	3,213	9,795	15,854	17,173	3,410	8,776
20:Case 20	17,083	1,737	27,221	11,365	16,935	4,795
21:Case 21	2,391	15,190	19,614	17,416	2,194	12,133
22:Case 22	1,823	5,626	15,712	11,662	4,893	4,607
23:Case 23	14,378	22,397	16,442	29,775	5,695	21,378
24:Case 24	4,723	18,865	15,257	22,434	2,524	15,808
25:Case 25	1,523	10,838	16,848	12,798	1,719	7,781
26:Case 26	,000	12,706	17,107	16,274	4,679	9,648
27:Case 27	12,706	,000	21,408	5,552	15,431	1,019
28:Case 28	17,107	21,408	,000	24,443	17,436	18,350
29:Case 29	16,274	5,552	24,443	,000	17,391	2,495
30:Case 30	4,679	15,431	17,436	17,391	,000	12,374
31:Case 31	9,648	1,019	18,350	2,495	12,374	,000
32:Case 32	8,892	12,695	18,776	18,731	9,960	11,676
33:Case 33	2,542	4,908	14,994	10,944	8,485	3,889
34:Case 34	2,685	12,706	25,162	13,589	7,364	9,648
35:Case 35	2,391	15,190	19,614	17,416	2,194	12,133
36:Case 36	26,927	34,945	16,028	42,324	18,243	33,926
37:Case 37	24,565	20,902	15,702	29,405	19,149	21,921
38:Case 38	32,964	18,962	19,447	29,932	28,812	22,019
39:Case 39	10,697	1,476	25,302	7,294	15,032	2,495
40:Case 40	5,909	3,543	15,261	6,627	5,368	2,524
41:Case 41	5,238	4,214	11,905	8,641	4,697	3,195
42:Case 42	26,927	34,945	16,028	42,324	18,243	33,926
43:Case 43	22,699	42,400	21,779	48,653	16,756	39,342
44:Case 44	2,825	6,627	12,709	12,663	3,892	5,608
45:Case 45	1,476	8,012	18,050	8,629	4,546	4,955
46:Case 46	5,227	4,908	23,049	8,259	11,170	3,889
47:Case 47	14,569	32,832	17,165	39,086	7,494	29,775
48:Case 48	20,686	36,358	27,820	38,584	14,742	33,301
49:Case 49	3,874	19,453	19,850	23,022	,804	16,396
50:Case 50	7,640	2,495	22,245	4,237	11,974	1,476
51:Case 51	10,697	1,476	25,302	7,294	15,032	2,495
52:Case 52	3,543	8,782	14,864	14,818	1,737	7,763
53:Case 53	7,494	12,688	18,744	11,963	6,559	9,631
54:Case 54	1,806	9,685	11,690	11,644	2,873	6,627
55:Case 56	1,672	13,035	17,459	15,261	4,349	9,978

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	26:Case 26	27:Case 27	28:Case 28	29:Case 29	30:Case 30	31:Case 31
56:Case 57	3,543	8,782	14,864	14,818	1,737	7,763
57:Case 59	16,044	18,505	15,652	23,198	17,112	17,486
58:Case 60	11,977	9,610	21,328	12,695	11,435	8,591
59:Case 61	32,579	5,552	40,748	16,305	33,696	10,647

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	32:Case 32	33:Case 33	34:Case 34	35:Case 35	36:Case 36	37:Case 37
1:Case 1	22,460	26,992	29,632	15,770	16,044	27,250
2:Case 2	17,757	9,970	11,436	15,263	28,388	16,649
3:Case 3	8,261	5,350	11,997	6,922	18,076	15,240
4:Case 4	9,563	3,213	13,335	11,698	26,256	17,943
5:Case 5	26,883	19,096	29,894	33,721	50,476	29,405
6:Case 6	13,449	11,974	3,874	1,390	24,418	24,247
7:Case 7	11,435	9,961	4,546	,718	21,062	22,233
8:Case 8	7,740	5,394	11,869	6,228	16,423	15,761
9:Case 9	9,754	7,408	5,828	4,214	22,464	17,775
10:Case 10	12,989	8,641	12,317	12,706	29,704	17,757
11:Case 11	8,759	2,409	1,476	2,524	28,136	22,823
12:Case 12	5,698	18,360	15,630	8,458	9,977	14,493
13:Case 13	7,787	2,873	5,227	3,496	22,949	18,377
14:Case 14	9,477	8,568	6,199	1,806	17,972	18,100
15:Case 15	14,709	6,922	12,034	15,862	38,302	22,916
16:Case 16	9,942	6,465	7,382	4,214	22,230	19,095
17:Case 17	18,455	32,554	33,758	22,464	4,214	12,852
18:Case 18	8,218	17,442	17,757	14,024	6,413	5,882
19:Case 19	8,458	3,544	8,583	5,510	22,277	19,048
20:Case 20	15,034	8,683	17,083	18,131	34,411	19,766
21:Case 21	9,280	6,369	2,391	,000	21,780	21,515
22:Case 22	7,069	,718	4,508	4,214	25,103	19,095
23:Case 23	13,617	16,147	19,748	9,231	12,548	16,763
24:Case 24	9,610	8,701	7,408	1,672	16,763	19,842
25:Case 25	8,806	3,892	4,208	2,477	23,968	21,434
26:Case 26	8,892	2,542	2,685	2,391	26,927	24,565
27:Case 27	12,695	4,908	12,706	15,190	34,945	20,902
28:Case 28	18,776	14,994	25,162	19,614	16,028	15,702
29:Case 29	18,731	10,944	13,589	17,416	42,324	29,405
30:Case 30	9,960	8,485	7,364	2,194	18,243	19,149
31:Case 31	11,676	3,889	9,648	12,133	33,926	21,921
32:Case 32	,000	7,787	11,577	9,280	14,030	10,024
33:Case 33	7,787	,000	5,227	6,369	28,695	21,250
34:Case 34	11,577	5,227	,000	2,391	32,297	27,250
35:Case 35	9,280	6,369	2,391	,000	21,780	21,515
36:Case 36	14,030	28,695	32,297	21,780	,000	4,214
37:Case 37	10,024	21,250	27,250	21,515	4,214	,000
38:Case 38	14,776	24,565	35,649	31,350	11,840	2,542
39:Case 39	12,295	4,508	8,012	11,840	35,888	22,111
40:Case 40	7,543	3,195	5,909	4,955	22,916	15,958
41:Case 41	6,872	2,524	7,923	5,626	20,902	15,287
42:Case 42	14,030	28,695	32,297	21,780	,000	4,214
43:Case 43	17,454	29,551	30,754	21,463	7,218	13,853
44:Case 44	6,067	1,719	5,510	3,213	20,098	16,091
45:Case 45	8,759	2,409	1,476	2,524	28,136	22,823
46:Case 46	10,472	2,685	2,542	6,369	34,065	23,935
47:Case 47	17,454	19,984	22,624	10,764	15,043	24,247
48:Case 48	15,441	27,537	20,686	15,422	9,231	11,840
49:Case 49	10,764	9,289	6,559	1,390	19,048	21,562
50:Case 50	11,276	3,489	4,955	8,782	34,869	23,130
51:Case 51	12,295	4,508	8,012	11,840	35,888	22,111
52:Case 52	6,786	3,874	6,228	2,495	17,943	15,373
53:Case 53	10,773	8,427	4,809	3,195	23,483	20,832
54:Case 54	7,086	2,739	4,491	2,194	21,117	19,149
55:Case 56	8,562	4,214	1,672	,718	23,935	22,233

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	32:Case 32	33:Case 33	34:Case 34	35:Case 35	36:Case 36	37:Case 37
56:Case 57	6,786	3,874	6,228	2,495	17,943	15,373
57:Case 59	7,152	14,939	16,044	15,090	9,563	4,214
58:Case 60	1,476	9,263	11,977	11,022	16,848	9,891
59:Case 61	26,883	19,096	29,894	33,721	50,476	29,405

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	38:Case 38	39:Case 39	40:Case 40	41:Case 41	42:Case 42	43:Case 43
1:Case 1	38,523	40,517	22,162	18,805	16,044	22,277
2:Case 2	18,356	7,500	8,872	10,886	28,388	33,538
3:Case 3	19,820	10,935	3,403	1,390	18,076	20,330
4:Case 4	19,048	6,759	4,705	2,691	26,256	27,979
5:Case 5	21,780	7,294	14,780	16,794	50,476	64,958
6:Case 6	35,519	14,760	7,781	9,795	24,418	24,007
7:Case 7	33,505	15,431	7,110	7,781	21,062	19,308
8:Case 8	20,514	12,588	4,491	2,477	16,423	22,509
9:Case 9	22,527	6,546	2,477	4,491	22,464	32,578
10:Case 10	17,254	2,524	2,495	4,508	29,704	41,069
11:Case 11	29,614	6,270	2,825	3,496	28,136	26,860
12:Case 12	25,766	26,516	14,850	14,178	9,977	10,886
13:Case 13	24,565	7,382	3,195	2,524	22,949	20,931
14:Case 14	26,327	12,430	3,543	4,214	17,972	23,268
15:Case 15	20,975	,804	4,214	6,228	38,302	47,098
16:Case 16	26,720	10,973	5,350	4,679	22,230	18,776
17:Case 17	25,561	46,080	30,292	26,936	4,214	1,001
18:Case 18	14,109	23,988	15,761	15,090	6,413	6,363
19:Case 19	25,237	10,738	5,209	3,195	22,277	18,918
20:Case 20	17,224	3,213	5,882	6,553	34,411	42,467
21:Case 21	31,350	11,840	4,955	5,626	21,780	21,463
22:Case 22	23,847	5,227	2,477	1,806	25,103	24,523
23:Case 23	24,388	23,340	10,367	8,354	12,548	19,766
24:Case 24	29,678	16,857	6,627	5,956	16,763	19,108
25:Case 25	29,661	10,439	4,214	3,543	23,968	19,912
26:Case 26	32,964	10,697	5,909	5,238	26,927	22,699
27:Case 27	18,962	1,476	3,543	4,214	34,945	42,400
28:Case 28	19,447	25,302	15,261	11,905	16,028	21,779
29:Case 29	29,932	7,294	6,627	8,641	42,324	48,653
30:Case 30	28,812	15,032	5,368	4,697	18,243	16,756
31:Case 31	22,019	2,495	2,524	3,195	33,926	39,342
32:Case 32	14,776	12,295	7,543	6,872	14,030	17,454
33:Case 33	24,565	4,508	3,195	2,524	28,695	29,551
34:Case 34	35,649	8,012	5,909	7,923	32,297	30,754
35:Case 35	31,350	11,840	4,955	5,626	21,780	21,463
36:Case 36	11,840	35,888	22,916	20,902	,000	7,218
37:Case 37	2,542	22,111	15,958	15,287	4,214	13,853
38:Case 38	,000	21,780	19,102	18,430	11,840	26,562
39:Case 39	21,780	,000	3,410	5,424	35,888	43,076
40:Case 40	19,102	3,410	,000	,671	22,916	29,291
41:Case 41	18,430	5,424	,671	,000	20,902	25,935
42:Case 42	11,840	35,888	22,916	20,902	,000	7,218
43:Case 43	26,562	43,076	29,291	25,935	7,218	,000
44:Case 44	20,844	6,228	1,476	,804	20,098	23,522
45:Case 45	29,614	6,270	2,825	3,496	28,136	26,860
46:Case 46	27,250	1,823	3,195	5,209	34,065	37,606
47:Case 47	35,519	33,509	17,156	13,800	15,043	17,271
48:Case 48	24,548	33,008	23,250	23,921	9,231	6,041
49:Case 49	32,834	17,445	7,781	7,110	19,048	15,952
50:Case 50	24,837	1,019	2,391	4,404	34,869	40,019
51:Case 51	21,780	,000	3,410	5,424	35,888	43,076
52:Case 52	21,562	8,383	2,194	1,523	17,943	19,930
53:Case 53	27,623	9,604	3,496	5,510	23,483	31,559
54:Case 54	25,939	9,285	2,495	1,823	21,117	22,503
55:Case 56	30,632	9,685	4,237	4,908	23,935	25,054

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	38:Case 38	39:Case 39	40:Case 40	41:Case 41	42:Case 42	43:Case 43
56:Case 57	21,562	8,383	2,194	1,523	17,943	19,930
57:Case 59	8,966	16,763	13,353	14,024	9,563	14,329
58:Case 60	13,034	9,477	6,067	6,739	16,848	23,224
59:Case 61	21,780	7,294	14,780	16,794	50,476	64,958

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	44:Case 44	45:Case 45	46:Case 46	47:Case 47	48:Case 48	49:Case 49
1:Case 1	16,392	25,738	35,047	1,001	28,318	11,696
2:Case 2	11,690	9,694	7,285	36,933	23,469	20,869
3:Case 3	2,194	6,228	10,720	9,631	22,343	5,626
4:Case 4	3,496	7,566	8,583	19,849	29,993	11,840
5:Case 5	20,816	24,934	16,411	55,391	54,889	39,327
6:Case 6	7,382	5,350	9,289	14,745	13,938	2,685
7:Case 7	5,368	4,679	9,961	10,046	13,267	,671
8:Case 8	1,672	7,709	10,764	6,369	24,523	6,369
9:Case 9	3,686	5,695	4,723	16,438	22,509	8,383
10:Case 10	6,922	8,966	5,956	28,934	31,000	16,874
11:Case 11	2,691	,000	2,409	18,729	20,819	5,350
12:Case 12	11,765	14,421	21,045	9,754	8,872	7,069
13:Case 13	1,719	2,409	5,558	14,237	18,918	3,543
14:Case 14	3,410	4,723	8,568	8,565	17,227	3,195
15:Case 15	8,641	8,683	4,237	37,531	37,030	21,467
16:Case 16	3,874	4,564	9,150	13,519	16,763	2,825
17:Case 17	24,523	29,863	40,609	14,268	7,042	16,953
18:Case 18	14,286	14,939	20,127	20,761	4,349	14,071
19:Case 19	2,391	4,422	8,914	12,224	20,931	4,214
20:Case 20	8,966	12,389	8,683	34,336	36,426	20,957
21:Case 21	3,213	2,524	6,369	10,764	15,422	1,390
22:Case 22	1,001	1,690	3,403	16,392	22,509	5,698
23:Case 23	7,549	15,588	21,516	2,495	21,780	6,499
24:Case 24	3,543	6,199	11,386	4,404	17,094	1,719
25:Case 25	2,739	1,390	6,577	13,218	17,898	2,524
26:Case 26	2,825	1,476	5,227	14,569	20,686	3,874
27:Case 27	6,627	8,012	4,908	32,832	36,358	19,453
28:Case 28	12,709	18,050	23,049	17,165	27,820	19,850
29:Case 29	12,663	8,629	8,259	39,086	38,584	23,022
30:Case 30	3,892	4,546	11,170	7,494	14,742	,804
31:Case 31	5,608	4,955	3,889	29,775	33,301	16,396
32:Case 32	6,067	8,759	10,472	17,454	15,441	10,764
33:Case 33	1,719	2,409	2,685	19,984	27,537	9,289
34:Case 34	5,510	1,476	2,542	22,624	20,686	6,559
35:Case 35	3,213	2,524	6,369	10,764	15,422	1,390
36:Case 36	20,098	28,136	34,065	15,043	9,231	19,048
37:Case 37	16,091	22,823	23,935	24,247	11,840	21,562
38:Case 38	20,844	29,614	27,250	35,519	24,548	32,834
39:Case 39	6,228	6,270	1,823	33,509	33,008	17,445
40:Case 40	1,476	2,825	3,195	17,156	23,250	7,781
41:Case 41	,804	3,496	5,209	13,800	23,921	7,110
42:Case 42	20,098	28,136	34,065	15,043	9,231	19,048
43:Case 43	23,522	26,860	37,606	17,271	6,041	15,952
44:Case 44	,000	2,691	4,404	11,386	21,508	4,697
45:Case 45	2,691	,000	2,409	18,729	20,819	5,350
46:Case 46	4,404	2,409	,000	28,039	27,537	11,974
47:Case 47	11,386	18,729	28,039	,000	23,313	6,690
48:Case 48	21,508	20,819	27,537	23,313	,000	13,938
49:Case 49	4,697	5,350	11,974	6,690	13,938	,000
50:Case 50	5,209	3,213	,804	30,452	29,950	14,388
51:Case 51	6,228	6,270	1,823	33,509	33,008	17,445
52:Case 52	,718	3,410	6,559	9,231	17,916	2,542
53:Case 53	4,705	4,676	5,742	15,419	21,490	7,364
54:Case 54	1,019	1,672	5,424	10,367	20,489	3,678
55:Case 56	2,495	1,806	4,214	12,919	19,013	3,544

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	44:Case 44	45:Case 45	46:Case 46	47:Case 47	48:Case 48	49:Case 49
56:Case 57	,718	3,410	6,559	9,231	17,916	2,542
57:Case 59	13,220	14,569	14,939	27,291	8,288	17,916
58:Case 60	7,543	8,892	9,263	23,223	17,183	13,849
59:Case 61	20,816	24,934	16,411	55,391	54,889	39,327

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	50:Case 50	51:Case 51	52:Case 52	53:Case 53	54:Case 54	55:Case 56
1:Case 1	37,460	40,517	14,237	18,422	15,373	17,925
2:Case 2	6,481	7,500	13,845	13,028	12,709	13,109
3:Case 3	9,916	10,935	1,476	9,584	3,213	7,640
4:Case 4	7,779	6,759	4,214	14,927	6,553	10,980
5:Case 5	12,389	7,294	22,971	28,268	27,949	31,566
6:Case 6	11,703	14,760	5,227	4,679	6,363	3,544
7:Case 7	12,374	15,431	3,213	5,350	4,349	2,873
8:Case 8	11,569	12,588	2,391	7,060	2,691	5,510
9:Case 9	5,527	6,546	4,404	1,019	4,705	3,496
10:Case 10	3,543	2,524	7,640	8,295	9,979	11,987
11:Case 11	3,213	6,270	3,410	4,676	1,672	1,806
12:Case 12	23,459	26,516	9,610	12,430	10,746	10,613
13:Case 13	6,363	7,382	1,001	8,427	2,739	4,214
14:Case 14	9,373	12,430	2,691	1,390	2,391	2,524
15:Case 15	1,823	,804	10,796	12,017	11,698	13,707
16:Case 16	9,954	10,973	1,719	10,582	4,893	6,369
17:Case 17	43,023	46,080	20,931	30,557	23,504	26,056
18:Case 18	20,931	23,988	13,567	16,953	13,267	14,742
19:Case 19	9,719	10,738	1,672	11,783	3,410	6,228
20:Case 20	6,270	3,213	9,685	17,065	14,062	17,412
21:Case 21	8,782	11,840	2,495	3,195	2,194	,718
22:Case 22	4,208	5,227	1,719	7,709	2,020	3,496
23:Case 23	22,321	23,340	5,394	10,935	8,568	11,386
24:Case 24	13,800	16,857	2,825	4,208	2,524	2,391
25:Case 25	7,382	10,439	2,020	7,408	1,719	3,195
26:Case 26	7,640	10,697	3,543	7,494	1,806	1,672
27:Case 27	2,495	1,476	8,782	12,688	9,685	13,035
28:Case 28	22,245	25,302	14,864	18,744	11,690	17,459
29:Case 29	4,237	7,294	14,818	11,963	11,644	15,261
30:Case 30	11,974	15,032	1,737	6,559	2,873	4,349
31:Case 31	1,476	2,495	7,763	9,631	6,627	9,978
32:Case 32	11,276	12,295	6,786	10,773	7,086	8,562
33:Case 33	3,489	4,508	3,874	8,427	2,739	4,214
34:Case 34	4,955	8,012	6,228	4,809	4,491	1,672
35:Case 35	8,782	11,840	2,495	3,195	2,194	,718
36:Case 36	34,869	35,888	17,943	23,483	21,117	23,935
37:Case 37	23,130	22,111	15,373	20,832	19,149	22,233
38:Case 38	24,837	21,780	21,562	27,623	25,939	30,632
39:Case 39	1,019	,000	8,383	9,604	9,285	9,685
40:Case 40	2,391	3,410	2,194	3,496	2,495	4,237
41:Case 41	4,404	5,424	1,523	5,510	1,823	4,908
42:Case 42	34,869	35,888	17,943	23,483	21,117	23,935
43:Case 43	40,019	43,076	19,930	31,559	22,503	25,054
44:Case 44	5,209	6,228	,718	4,705	1,019	2,495
45:Case 45	3,213	6,270	3,410	4,676	1,672	1,806
46:Case 46	,804	1,823	6,559	5,742	5,424	4,214
47:Case 47	30,452	33,509	9,231	15,419	10,367	12,919
48:Case 48	29,950	33,008	17,916	21,490	20,489	19,013
49:Case 49	14,388	17,445	2,542	7,364	3,678	3,544
50:Case 50	,000	1,019	7,364	6,546	6,228	6,627
51:Case 51	1,019	,000	8,383	9,604	9,285	9,685
52:Case 52	7,364	8,383	,000	5,424	1,737	3,213
53:Case 53	6,546	9,604	5,424	,000	3,686	2,477
54:Case 54	6,228	9,285	1,737	3,686	,000	1,476
55:Case 56	6,627	9,685	3,213	2,477	1,476	,000

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	50:Case 50	51:Case 51	52:Case 52	53:Case 53	54:Case 54	55:Case 56
56:Case 57	7,364	8,383	,000	5,424	1,737	3,213
57:Case 59	15,744	16,763	13,938	15,240	14,239	14,372
58:Case 60	8,458	9,477	8,261	9,563	8,562	10,304
59:Case 61	12,389	7,294	22,971	28,268	27,949	31,566

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß			
Fall	56:Case 57	57:Case 59	58:Case 60	59:Case 61
1:Case 1	14,237	32,297	28,229	62,399
2:Case 2	13,845	9,263	14,939	18,870
3:Case 3	1,476	16,756	9,471	22,305
4:Case 4	4,214	18,058	10,773	14,053
5:Case 5	22,971	31,350	20,847	,000
6:Case 6	5,227	17,916	13,849	36,642
7:Case 7	3,213	17,245	13,177	37,313
8:Case 8	2,391	16,235	10,558	27,175
9:Case 9	4,404	14,221	8,544	21,134
10:Case 10	7,640	17,456	8,562	6,600
11:Case 11	3,410	14,569	8,892	24,934
12:Case 12	9,610	12,850	8,782	48,397
13:Case 13	1,001	14,939	9,263	21,969
14:Case 14	2,691	15,287	9,610	31,094
15:Case 15	10,796	19,176	10,282	4,881
16:Case 16	1,719	17,094	11,417	25,561
17:Case 17	20,931	15,331	24,225	67,962
18:Case 18	13,567	2,409	9,694	42,653
19:Case 19	1,672	16,953	11,276	25,326
20:Case 20	9,685	20,844	11,949	3,213
21:Case 21	2,495	15,090	11,022	33,721
22:Case 22	1,719	14,221	8,544	19,815
23:Case 23	5,394	22,111	16,435	37,928
24:Case 24	2,825	16,763	12,695	38,739
25:Case 25	2,020	15,958	10,282	29,103
26:Case 26	3,543	16,044	11,977	32,579
27:Case 27	8,782	18,505	9,610	5,552
28:Case 28	14,864	15,652	21,328	40,748
29:Case 29	14,818	23,198	12,695	16,305
30:Case 30	1,737	17,112	11,435	33,696
31:Case 31	7,763	17,486	8,591	10,647
32:Case 32	6,786	7,152	1,476	26,883
33:Case 33	3,874	14,939	9,263	19,096
34:Case 34	6,228	16,044	11,977	29,894
35:Case 35	2,495	15,090	11,022	33,721
36:Case 36	17,943	9,563	16,848	50,476
37:Case 37	15,373	4,214	9,891	29,405
38:Case 38	21,562	8,966	13,034	21,780
39:Case 39	8,383	16,763	9,477	7,294
40:Case 40	2,194	13,353	6,067	14,780
41:Case 41	1,523	14,024	6,739	16,794
42:Case 42	17,943	9,563	16,848	50,476
43:Case 43	19,930	14,329	23,224	64,958
44:Case 44	,718	13,220	7,543	20,816
45:Case 45	3,410	14,569	8,892	24,934
46:Case 46	6,559	14,939	9,263	16,411
47:Case 47	9,231	27,291	23,223	55,391
48:Case 48	17,916	8,288	17,183	54,889
49:Case 49	2,542	17,916	13,849	39,327
50:Case 50	7,364	15,744	8,458	12,389
51:Case 51	8,383	16,763	9,477	7,294
52:Case 52	,000	13,938	8,261	22,971
53:Case 53	5,424	15,240	9,563	28,268
54:Case 54	1,737	14,239	8,562	27,949
55:Case 56	3,213	14,372	10,304	31,566

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

Fall	Quadriertes euklidisches Distanzmaß			
	56:Case 57	57:Case 59	58:Case 60	59:Case 61
56:Case 57	,000	13,938	8,261	22,971
57:Case 59	13,938	,000	7,285	31,350
58:Case 60	8,261	7,285	,000	20,847
59:Case 61	22,971	31,350	20,847	,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	5	59	,000	0	0	48
2	52	56	,000	0	0	13
3	39	51	,000	0	0	21
4	11	45	,000	0	0	30
5	36	42	,000	0	0	51
6	21	35	,000	0	0	12
7	7	49	,671	0	0	11
8	40	41	,671	0	0	19
9	13	19	,671	0	0	14
10	15	27	,671	0	0	21
11	6	7	,671	0	7	15
12	21	55	,718	6	0	15
13	44	52	,718	0	2	19
14	13	22	,718	9	0	16
15	6	21	,718	11	12	20
16	13	16	,718	14	0	17
17	13	33	,718	16	0	24
18	46	50	,804	0	0	27
19	40	44	,804	8	13	24
20	6	30	,804	15	0	36
21	15	39	,804	10	3	27
22	17	43	1,001	0	0	51
23	1	47	1,001	0	0	45
24	13	40	1,001	17	19	25
25	13	54	1,019	24	0	29
26	9	53	1,019	0	0	32
27	15	46	1,019	21	18	28
28	15	31	1,019	27	0	40
29	13	25	1,019	25	0	30
30	11	13	1,390	4	29	31
31	3	11	1,390	0	30	34
32	9	14	1,390	26	0	35
33	32	58	1,476	0	0	54
34	3	26	1,476	31	0	36
35	9	24	1,476	32	0	38
36	3	6	1,476	34	20	37
37	3	34	1,476	36	0	38
38	3	9	1,672	37	35	39
39	3	8	1,672	38	0	42
40	10	15	1,719	0	28	41
41	10	20	1,737	40	0	42

Zuordnungsübersicht

Schritt	Zusammengeführte Cluster		Koeffizienten	Erstes Vorkommen des Clusters		Nächster Schritt
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
42	3	10	2,391	39	41	44
43	18	57	2,409	0	0	50
44	3	29	2,495	42	0	46
45	1	23	2,495	23	0	49
46	3	4	2,495	44	0	48
47	37	38	2,542	0	0	50
48	3	5	3,213	46	1	49
49	1	3	3,874	45	48	55
50	18	37	4,214	43	47	52
51	17	36	4,214	22	5	52
52	17	18	4,214	51	50	53
53	17	48	4,349	52	0	57
54	12	32	5,698	0	33	55
55	1	12	6,067	49	54	56
56	1	2	6,481	55	0	57
57	1	17	7,152	56	53	58
58	1	28	9,694	57	0	0

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	28:Case 28		48:Case 48		38:Case 38		37:Case 37		57:Case 59		18:Case 18		42:Case 42		36:Case 36	
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
8	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	
10	X		X		X	X	X		X	X	X		X	X	X	
11	X		X		X	X	X		X	X	X		X	X	X	
12	X		X		X	X	X		X	X	X		X	X	X	
13	X		X		X		X		X	X	X		X	X	X	
14	X		X		X		X		X	X	X		X	X	X	
15	X		X		X		X		X	X	X		X	X	X	
16	X		X		X		X		X	X	X		X	X	X	
17	X		X		X		X		X		X		X	X	X	
18	X		X		X		X		X		X		X	X	X	
19	X		X		X		X		X		X		X	X	X	
20	X		X		X		X		X		X		X	X	X	
21	X		X		X		X		X		X		X	X	X	
22	X		X		X		X		X		X		X	X	X	
23	X		X		X		X		X		X		X	X	X	
24	X		X		X		X		X		X		X	X	X	
25	X		X		X		X		X		X		X	X	X	
26	X		X		X		X		X		X		X	X	X	
27	X		X		X		X		X		X		X	X	X	
28	X		X		X		X		X		X		X	X	X	
29	X		X		X		X		X		X		X	X	X	
30	X		X		X		X		X		X		X	X	X	
31	X		X		X		X		X		X		X	X	X	
32	X		X		X		X		X		X		X	X	X	
33	X		X		X		X		X		X		X	X	X	
34	X		X		X		X		X		X		X	X	X	
35	X		X		X		X		X		X		X	X	X	
36	X		X		X		X		X		X		X	X	X	
37	X		X		X		X		X		X		X	X	X	
38	X		X		X		X		X		X		X	X	X	
39	X		X		X		X		X		X		X	X	X	
40	X		X		X		X		X		X		X	X	X	
41	X		X		X		X		X		X		X	X	X	
42	X		X		X		X		X		X		X	X	X	
43	X		X		X		X		X		X		X	X	X	
44	X		X		X		X		X		X		X	X	X	
45	X		X		X		X		X		X		X	X	X	
46	X		X		X		X		X		X		X	X	X	
47	X		X		X		X		X		X		X	X	X	
48	X		X		X		X		X		X		X	X	X	
49	X		X		X		X		X		X		X	X	X	
50	X		X		X		X		X		X		X	X	X	
51	X		X		X		X		X		X		X	X	X	
52	X		X		X		X		X		X		X	X	X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	28:Case 28		48:Case 48		38:Case 38		37:Case 37		57:Case 59		18:Case 18		42:Case 42		36:Case 36	
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	
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	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	43:Case 43		17:Case 17		2:Case 2		58:Case 60		32:Case 32		12:Case 12		59:Case 61		5:Case 5	
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
4	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
6	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
8	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
10	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
12	X	X	X		X		X	X	X		X		X	X	X	
13	X	X	X		X		X	X	X		X		X	X	X	
14	X	X	X		X		X	X	X		X		X	X	X	
15	X	X	X		X		X	X	X		X		X	X	X	
16	X	X	X		X		X	X	X		X		X	X	X	
17	X	X	X		X		X	X	X		X		X	X	X	
18	X	X	X		X		X	X	X		X		X	X	X	
19	X	X	X		X		X	X	X		X		X	X	X	
20	X	X	X		X		X	X	X		X		X	X	X	
21	X	X	X		X		X	X	X		X		X	X	X	
22	X	X	X		X		X	X	X		X		X	X	X	
23	X	X	X		X		X	X	X		X		X	X	X	
24	X	X	X		X		X	X	X		X		X	X	X	
25	X	X	X		X		X	X	X		X		X	X	X	
26	X	X	X		X		X	X	X		X		X	X	X	
27	X	X	X		X		X		X		X		X	X	X	
28	X	X	X		X		X		X		X		X	X	X	
29	X	X	X		X		X		X		X		X	X	X	
30	X	X	X		X		X		X		X		X	X	X	
31	X	X	X		X		X		X		X		X	X	X	
32	X	X	X		X		X		X		X		X	X	X	
33	X	X	X		X		X		X		X		X	X	X	
34	X	X	X		X		X		X		X		X	X	X	
35	X	X	X		X		X		X		X		X	X	X	
36	X	X	X		X		X		X		X		X	X	X	
37	X	X	X		X		X		X		X		X	X	X	
38	X		X		X		X		X		X		X	X	X	
39	X		X		X		X		X		X		X	X	X	
40	X		X		X		X		X		X		X	X	X	
41	X		X		X		X		X		X		X	X	X	
42	X		X		X		X		X		X		X	X	X	
43	X		X		X		X		X		X		X	X	X	
44	X		X		X		X		X		X		X	X	X	
45	X		X		X		X		X		X		X	X	X	
46	X		X		X		X		X		X		X	X	X	
47	X		X		X		X		X		X		X	X	X	
48	X		X		X		X		X		X		X	X	X	
49	X		X		X		X		X		X		X	X	X	
50	X		X		X		X		X		X		X	X	X	
51	X		X		X		X		X		X		X	X	X	
52	X		X		X		X		X		X		X	X	X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	43:Case 43		17:Case 17		2:Case 2		58:Case 60		32:Case 32		12:Case 12		59:Case 61		5:Case 5	
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	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	4:Case 4		29:Case 29		20:Case 20		31:Case 31		50:Case 50		46:Case 46		51:Case 51		39:Case 39	
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
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
17	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
19	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
21	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
23	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
25	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
27	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
29	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
31	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
33	X		X		X		X		X	X	X		X	X	X	X
34	X		X		X		X		X	X	X		X	X	X	X
35	X		X		X		X		X	X	X		X	X	X	X
36	X		X		X		X		X	X	X		X	X	X	X
37	X		X		X		X		X	X	X		X	X	X	X
38	X		X		X		X		X	X	X		X	X	X	X
39	X		X		X		X		X	X	X		X	X	X	
40	X		X		X		X		X	X	X		X	X	X	
41	X		X		X		X		X	X	X		X	X	X	
42	X		X		X		X		X		X		X	X	X	
43	X		X		X		X		X		X		X	X	X	
44	X		X		X		X		X		X		X	X	X	
45	X		X		X		X		X		X		X	X	X	
46	X		X		X		X		X		X		X	X	X	
47	X		X		X		X		X		X		X	X	X	
48	X		X		X		X		X		X		X	X	X	
49	X		X		X		X		X		X		X	X	X	
50	X		X		X		X		X		X		X	X	X	
51	X		X		X		X		X		X		X	X	X	
52	X		X		X		X		X		X		X	X	X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	4:Case 4		29:Case 29		20:Case 20		31:Case 31		50:Case 50		46:Case 46		51:Case 51		39:Case 39	
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	
58	X		X		X		X		X		X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	27:Case 27		15:Case 15		10:Case 10		8:Case 8		24:Case 24		14:Case 14		53:Case 53		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
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
21	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	
23	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	
25	X	X	X		X		X		X		X	X	X	X	X	
26	X	X	X		X		X		X		X	X	X	X	X	
27	X	X	X		X		X		X		X	X	X	X	X	
28	X	X	X		X		X		X		X		X	X	X	
29	X	X	X		X		X		X		X		X	X	X	
30	X	X	X		X		X		X		X		X	X	X	
31	X	X	X		X		X		X		X		X	X	X	
32	X	X	X		X		X		X		X		X	X	X	
33	X	X	X		X		X		X		X		X	X	X	
34	X	X	X		X		X		X		X		X		X	
35	X	X	X		X		X		X		X		X		X	
36	X	X	X		X		X		X		X		X		X	
37	X	X	X		X		X		X		X		X		X	
38	X	X	X		X		X		X		X		X		X	
39	X	X	X		X		X		X		X		X		X	
40	X	X	X		X		X		X		X		X		X	
41	X	X	X		X		X		X		X		X		X	
42	X	X	X		X		X		X		X		X		X	
43	X	X	X		X		X		X		X		X		X	
44	X	X	X		X		X		X		X		X		X	
45	X	X	X		X		X		X		X		X		X	
46	X	X	X		X		X		X		X		X		X	
47	X	X	X		X		X		X		X		X		X	
48	X	X	X		X		X		X		X		X		X	
49	X	X	X		X		X		X		X		X		X	
50	X		X		X		X		X		X		X		X	
51	X		X		X		X		X		X		X		X	
52	X		X		X		X		X		X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	27:Case 27		15:Case 15		10:Case 10		8:Case 8		24:Case 24		14:Case 14		53:Case 53		9:Case 9	
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	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	34:Case 34		30:Case 30		55:Case 56		35:Case 35		21:Case 21		49:Case 49		7:Case 7		6:Case 6	
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
24	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	
26	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	
28	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	
30	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	
32	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	
34	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	
36	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	
38	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	
40	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	
42	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	
44	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	
46	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	
48	X		X		X		X	X	X		X	X	X	X	X	
49	X		X		X		X	X	X		X	X	X		X	
50	X		X		X		X	X	X		X	X	X		X	
51	X		X		X		X	X	X		X	X	X		X	
52	X		X		X		X	X	X		X	X	X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	34:Case 34		30:Case 30		55:Case 56		35:Case 35		21:Case 21		49:Case 49		7:Case 7		6:Case 6	
53	X		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	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	26:Case 26		25:Case 25		54:Case 54		56:Case 57		52:Case 52		44:Case 44		41:Case 41		40:Case 40	
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
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
32	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
34	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
36	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	
38	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	
40	X		X		X		X	X	X	X	X	X	X	X	X	
41	X		X		X		X	X	X	X	X		X	X	X	
42	X		X		X		X	X	X	X	X		X	X	X	
43	X		X		X		X	X	X	X	X		X	X	X	
44	X		X		X		X	X	X	X	X		X	X	X	
45	X		X		X		X	X	X	X	X		X	X	X	
46	X		X		X		X	X	X	X	X		X	X	X	
47	X		X		X		X	X	X		X		X	X	X	
48	X		X		X		X	X	X		X		X	X	X	
49	X		X		X		X	X	X		X		X	X	X	
50	X		X		X		X	X	X		X		X	X	X	
51	X		X		X		X	X	X		X		X	X	X	
52	X		X		X		X	X	X		X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	26:Case 26		25:Case 25		54:Case 54		56:Case 57		52:Case 52		44:Case 44		41:Case 41		40:Case 40	
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	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	33:Case 33		16:Case 16		22:Case 22		19:Case 19		13:Case 13		45:Case 45		11:Case 11		3:Case 3	
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	
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	
30	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	
32	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	
34	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	
36	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	
38	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	
40	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	
42	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	
44	X		X		X	X	X	X	X		X	X	X		X	
45	X		X		X	X	X	X	X		X	X	X		X	
46	X		X		X		X	X	X		X	X	X		X	
47	X		X		X		X	X	X		X	X	X		X	
48	X		X		X		X	X	X		X	X	X		X	
49	X		X		X		X	X	X		X	X	X		X	
50	X		X		X		X	X	X		X	X	X		X	
51	X		X		X		X		X		X	X	X		X	
52	X		X		X		X		X		X	X	X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	33:Case 33		16:Case 16		22:Case 22		19:Case 19		13:Case 13		45:Case 45		11:Case 11		3:Case 3	
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	
57	X		X		X		X		X		X		X		X	
58	X		X		X		X		X		X		X		X	

Vertikales Eiszapfendiagramm

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

Vertikales Eiszapfendiagramm

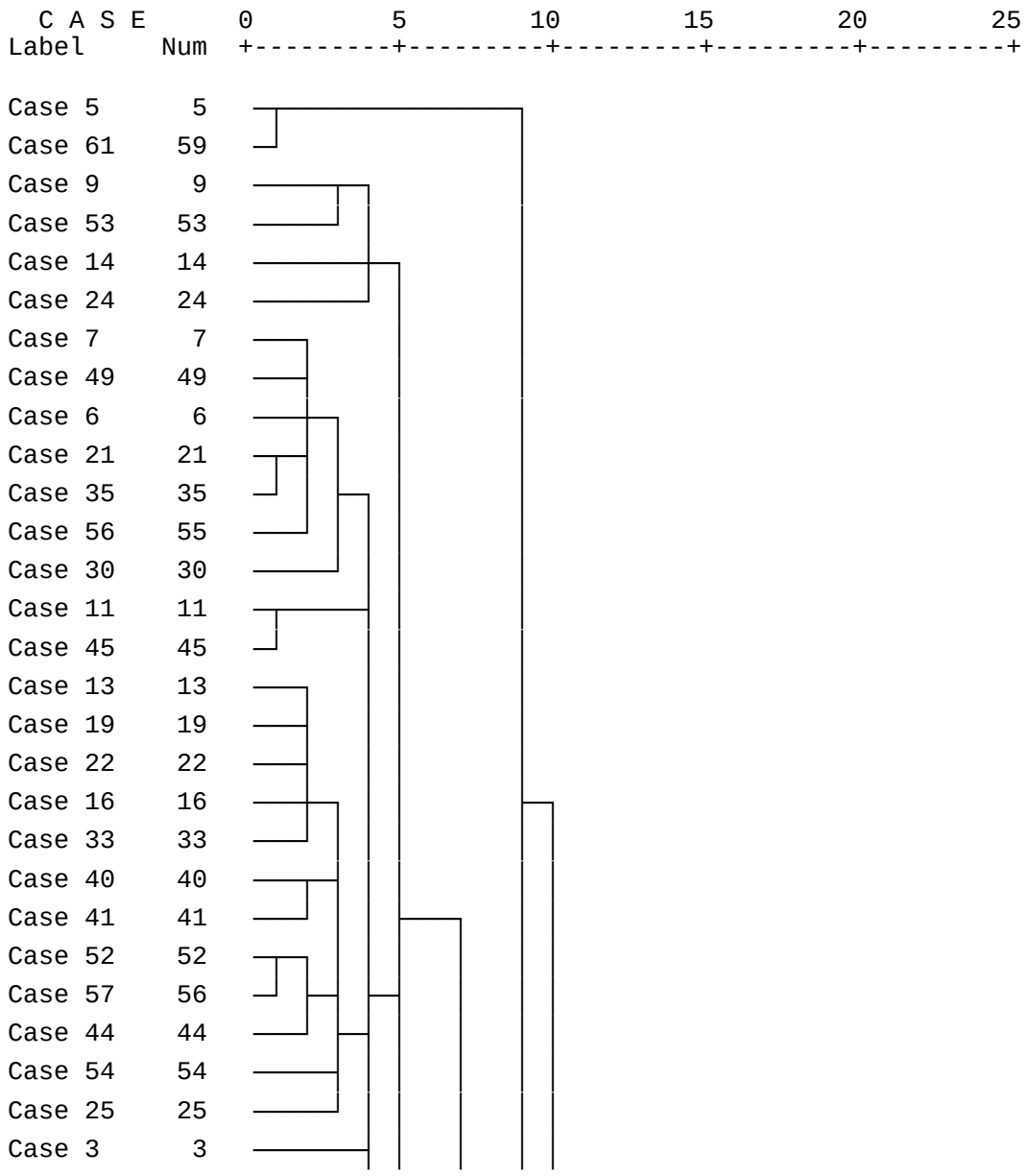
Anzahl der Cluster	Fall				
	23:Case 23		47:Case 47		1:Case 1
53	X		X		X
54	X		X		X
55	X		X		X
56	X		X		X
57	X		X		X
58	X		X		X

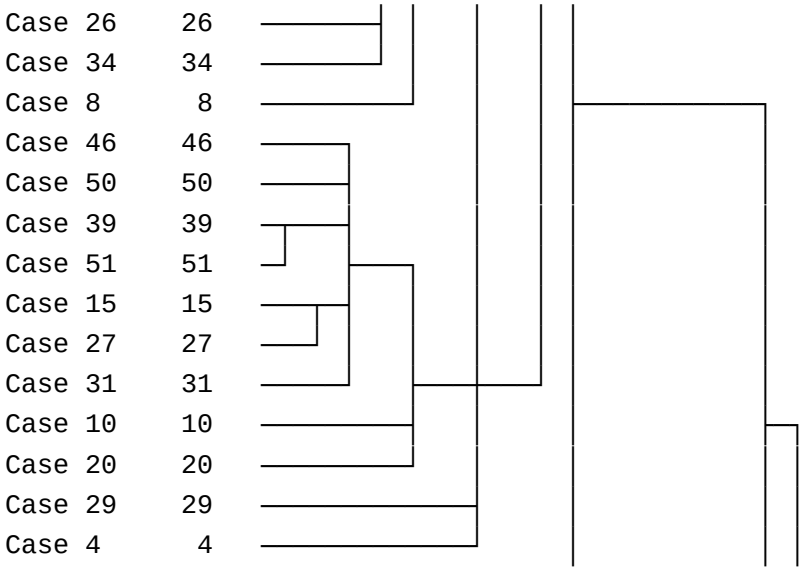
Dendrogramm

* * * * * * 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 * * * * * *

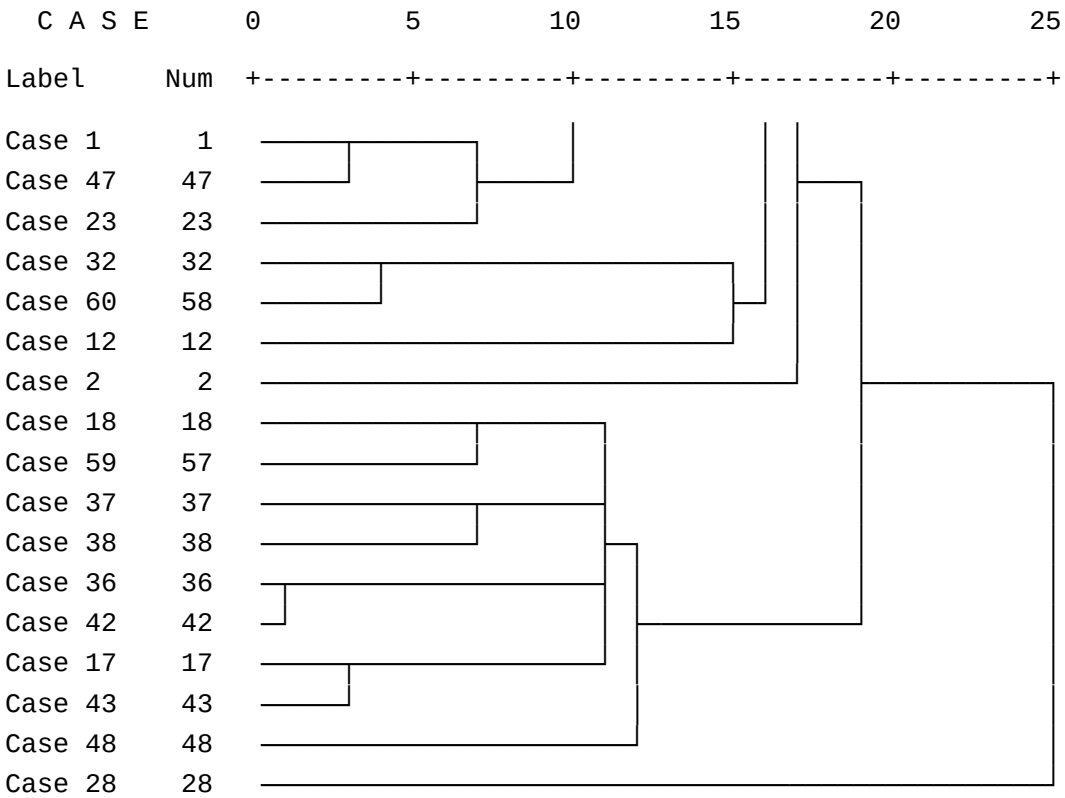
Dendrogram using Single Linkage

Rescaled Distance Cluster Combine




Case 26 26
Case 34 34
Case 8 8
Case 46 46
Case 50 50
Case 39 39
Case 51 51
Case 15 15
Case 27 27
Case 31 31
Case 10 10
Case 20 20
Case 29 29
Case 4 4

```
* * * * * * 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

[DatenSet2] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\User Analysis \S&T&N_InternationalForerunner.sav

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß						
Fall	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	14,262	26,255	61,461	19,348	14,707	9,162
2:Case 2	14,262	,000	2,703	22,150	10,826	7,511	2,453
3:Case 3	26,255	2,703	,000	13,921	16,993	13,678	5,698
4:Case 4	61,461	22,150	13,921	,000	36,287	36,950	26,872
5:Case 5	19,348	10,826	16,993	36,287	,000	,663	11,553
6:Case 6	14,707	7,511	13,678	36,950	,663	,000	8,238
7:Case 7	9,162	2,453	5,698	26,872	11,553	8,238	,000
8:Case 8	19,107	8,420	11,665	20,905	5,586	6,249	5,967
9:Case 9	33,311	8,481	7,720	6,579	13,964	14,627	11,097
10:Case 10	25,087	6,137	7,560	24,904	5,217	4,554	7,568
11:Case 11	20,703	2,416	3,177	21,773	6,137	4,148	5,248
12:Case 12	11,333	5,436	12,144	30,889	3,116	2,453	4,384
13:Case 13	43,610	11,553	7,449	4,908	18,436	19,099	14,710
14:Case 14	20,003	3,116	5,278	25,275	5,436	3,447	7,348
15:Case 15	21,423	25,432	34,941	71,549	29,117	24,476	25,617
16:Case 16	29,712	19,314	24,080	46,803	20,972	18,983	20,204
17:Case 17	18,714	1,753	2,514	25,088	9,452	6,137	4,585
18:Case 18	40,625	9,231	4,465	3,177	20,755	20,092	13,790
19:Case 19	15,407	6,811	11,577	33,449	1,363	,700	6,137
20:Case 20	22,804	3,116	2,476	19,672	8,238	6,249	4,547
21:Case 21	3,447	5,366	13,354	37,329	11,665	8,350	3,772
22:Case 22	7,237	5,793	12,501	38,351	4,323	2,334	3,177
23:Case 23	19,671	3,447	6,271	28,994	5,105	3,116	6,279
24:Case 24	20,990	6,493	7,916	32,366	6,424	4,435	6,361
25:Case 25	38,969	8,238	4,134	5,571	19,099	18,436	11,395
26:Case 26	44,957	13,898	13,921	16,504	19,783	20,446	18,620
27:Case 27	12,173	3,177	9,343	33,466	3,434	1,445	5,467
28:Case 28	35,875	7,206	5,166	10,728	16,005	15,342	10,364
29:Case 29	26,305	5,217	3,177	18,972	11,739	9,750	5,248
30:Case 30	28,946	11,797	13,220	29,714	3,772	4,435	11,665
31:Case 31	15,407	6,811	11,577	33,449	1,363	,700	6,137
32:Case 32	20,286	22,205	30,192	54,167	28,503	25,188	20,610
33:Case 33	39,701	10,771	6,667	7,253	14,527	15,190	12,365
34:Case 34	21,667	3,352	4,655	14,745	7,623	6,960	4,405
35:Case 35	18,352	1,363	2,666	16,734	9,612	7,623	2,416
36:Case 36	20,286	22,205	30,192	54,167	28,503	25,188	20,610
37:Case 37	26,278	24,461	32,028	68,635	28,146	23,505	26,588
38:Case 38	16,006	2,145	3,447	20,643	7,267	5,278	1,634
39:Case 39	25,087	6,137	7,560	24,904	5,217	4,554	7,568
40:Case 40	34,261	10,521	8,481	16,320	9,087	9,750	10,552
41:Case 41	,971	9,406	19,457	54,664	14,492	9,851	6,249
42:Case 42	32,245	26,450	34,017	58,690	18,201	17,538	28,577
43:Case 43	11,392	5,522	11,689	38,939	2,652	,663	6,249
44:Case 44	36,607	9,739	7,699	12,411	11,433	12,096	11,333
45:Case 45	39,701	10,771	6,667	7,253	14,527	15,190	12,365
46:Case 46	13,905	1,445	4,148	22,744	5,166	3,177	2,334
47:Case 47	18,075	9,452	14,759	28,125	4,554	5,217	6,999
48:Case 48	14,975	3,177	6,542	27,864	6,235	4,246	2,666
49:Case 50	17,508	7,511	10,876	31,348	3,464	2,801	5,436
50:Case 51	13,905	1,445	4,148	22,744	5,166	3,177	2,334
51:Case 53	36,159	20,972	22,275	35,493	22,116	21,453	20,461
52:Case 54	61,461	22,150	13,921	,000	36,287	36,950	26,872

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	8:Case 8	9:Case 9	10:Case 10	11:Case 11	12:Case 12	13:Case 13
1:Case 1	19,107	33,311	25,087	20,703	11,333	43,610
2:Case 2	8,420	8,481	6,137	2,416	5,436	11,553
3:Case 3	11,665	7,720	7,560	3,177	12,144	7,449
4:Case 4	20,905	6,579	24,904	21,773	30,889	4,908
5:Case 5	5,586	13,964	5,217	6,137	3,116	18,436
6:Case 6	6,249	14,627	4,554	4,148	2,453	19,099
7:Case 7	5,967	11,097	7,568	5,248	4,384	14,710
8:Case 8	,000	5,130	5,579	7,237	2,395	8,743
9:Case 9	5,130	,000	8,887	8,482	9,588	1,671
10:Case 10	5,579	8,887	,000	2,395	4,585	8,617
11:Case 11	7,237	8,482	2,395	,000	5,579	9,612
12:Case 12	2,395	9,588	4,585	5,579	,000	14,602
13:Case 13	8,743	1,671	8,617	9,612	14,602	,000
14:Case 14	9,337	10,583	4,496	,700	6,279	13,113
15:Case 15	35,562	45,882	33,774	27,989	26,388	53,698
16:Case 16	22,193	27,444	19,172	18,841	18,472	30,516
17:Case 17	10,552	11,797	4,384	,663	7,568	12,927
18:Case 18	11,801	2,666	12,411	8,617	16,995	2,395
19:Case 19	4,148	12,526	2,453	3,447	1,753	15,598
20:Case 20	6,536	7,782	1,695	,700	6,279	7,511
21:Case 21	9,739	16,811	15,224	10,103	5,355	25,168
22:Case 22	5,166	15,486	6,029	5,698	1,445	20,500
23:Case 23	8,268	11,577	1,363	1,032	4,547	12,707
24:Case 24	8,350	14,786	1,445	2,514	6,029	14,515
25:Case 25	9,406	2,334	7,954	7,623	13,939	,663
26:Case 26	12,653	6,579	8,400	13,521	14,385	4,908
27:Case 27	7,456	12,707	4,435	2,703	2,334	17,179
28:Case 28	8,375	3,366	4,859	6,592	10,844	1,695
29:Case 29	7,237	8,482	2,395	2,801	8,380	6,811
30:Case 30	5,698	12,134	1,445	5,166	6,029	11,863
31:Case 31	4,148	12,526	2,453	3,447	1,753	15,598
32:Case 32	26,577	33,649	32,062	26,941	22,193	42,006
33:Case 33	6,398	2,453	6,271	7,267	12,256	,782
34:Case 34	2,416	2,476	2,784	3,116	3,485	4,148
35:Case 35	4,405	4,465	3,447	2,453	4,148	6,137
36:Case 36	26,577	33,649	32,062	26,941	22,193	42,006
37:Case 37	36,533	44,911	30,861	25,076	27,359	50,784
38:Case 38	3,623	6,811	2,666	1,671	3,366	8,482
39:Case 39	5,579	8,887	,000	2,395	4,585	8,617
40:Case 40	4,585	5,830	2,395	5,453	8,380	4,159
41:Case 41	16,194	28,456	18,290	13,905	8,420	36,813
42:Case 42	26,588	34,966	24,894	23,087	21,392	40,839
43:Case 43	8,238	16,616	5,217	3,485	3,116	21,088
44:Case 44	5,366	3,485	3,177	6,235	9,162	1,813
45:Case 45	6,398	2,453	6,271	7,267	12,256	,782
46:Case 46	4,323	7,511	3,366	,971	2,666	10,583
47:Case 47	1,032	8,224	4,547	8,268	1,363	11,838
48:Case 48	4,655	9,905	1,634	2,703	2,334	11,577
49:Case 50	3,447	11,826	1,753	4,148	2,453	13,497
50:Case 51	4,323	7,511	3,366	,971	2,666	10,583
51:Case 53	18,472	21,660	18,841	19,172	19,541	23,331
52:Case 54	20,905	6,579	24,904	21,773	30,889	4,908

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	14:Case 14	15:Case 15	16:Case 16	17:Case 17	18:Case 18	19:Case 19
1:Case 1	20,003	21,423	29,712	18,714	40,625	15,407
2:Case 2	3,116	25,432	19,314	1,753	9,231	6,811
3:Case 3	5,278	34,941	24,080	2,514	4,465	11,577
4:Case 4	25,275	71,549	46,803	25,088	3,177	33,449
5:Case 5	5,436	29,117	20,972	9,452	20,755	1,363
6:Case 6	3,447	24,476	18,983	6,137	20,092	,700
7:Case 7	7,348	25,617	20,204	4,585	13,790	6,137
8:Case 8	9,337	35,562	22,193	10,552	11,801	4,148
9:Case 9	10,583	45,882	27,444	11,797	2,666	12,526
10:Case 10	4,496	33,774	19,172	4,384	12,411	2,453
11:Case 11	,700	27,989	18,841	,663	8,617	3,447
12:Case 12	6,279	26,388	18,472	7,568	16,995	1,753
13:Case 13	13,113	53,698	30,516	12,927	2,395	15,598
14:Case 14	,000	25,888	19,541	1,363	10,718	4,148
15:Case 15	25,888	,000	7,206	26,000	49,312	26,577
16:Case 16	19,541	7,206	,000	19,504	31,583	18,283
17:Case 17	1,363	26,000	19,504	,000	10,606	5,436
18:Case 18	10,718	49,312	31,583	10,606	,000	17,991
19:Case 19	4,148	26,577	18,283	5,436	17,991	,000
20:Case 20	2,801	31,490	19,541	1,363	7,916	4,148
21:Case 21	9,403	20,986	23,117	9,440	21,446	9,050
22:Case 22	6,398	22,291	18,591	6,361	21,568	1,634
23:Case 23	1,732	26,957	17,809	1,695	13,774	2,416
24:Case 24	4,615	29,677	19,291	3,177	16,983	2,334
25:Case 25	11,124	49,057	28,527	9,612	1,732	14,935
26:Case 26	17,023	55,044	30,299	16,836	11,429	16,945
27:Case 27	2,003	21,943	17,538	3,366	16,846	2,145
28:Case 28	10,093	45,962	25,432	8,581	4,826	11,840
29:Case 29	6,303	36,392	21,642	3,464	8,617	6,249
30:Case 30	7,267	37,633	21,943	8,481	16,983	2,334
31:Case 31	4,148	26,577	18,283	5,436	17,991	,000
32:Case 32	26,241	4,148	6,279	26,278	38,284	25,888
33:Case 33	10,768	49,788	28,170	10,582	3,177	11,689
34:Case 34	5,217	34,238	20,015	5,105	5,879	4,859
35:Case 35	4,554	30,923	19,352	3,116	6,542	5,522
36:Case 36	26,241	4,148	6,279	26,278	38,284	25,888
37:Case 37	22,975	,971	6,235	23,087	46,399	25,606
38:Case 38	3,772	28,577	18,570	2,334	8,887	3,177
39:Case 39	4,496	33,774	19,172	4,384	12,411	2,453
40:Case 40	8,955	44,348	24,294	8,768	8,617	6,249
41:Case 41	13,205	18,509	24,857	11,916	33,828	10,552
42:Case 42	20,986	6,938	4,246	25,076	40,432	19,639
43:Case 43	2,784	21,161	18,320	4,148	20,755	1,363
44:Case 44	9,736	46,694	25,076	9,550	6,271	8,594
45:Case 45	10,768	49,788	28,170	10,582	3,177	11,689
46:Case 46	1,671	25,076	17,870	1,634	9,588	2,476
47:Case 47	10,369	34,531	21,161	11,583	16,958	3,116
48:Case 48	4,804	27,546	17,538	3,366	14,045	2,145
49:Case 50	6,249	30,079	18,983	6,137	17,291	,700
50:Case 51	1,671	25,076	17,870	1,634	9,588	2,476
51:Case 53	21,273	15,054	2,395	21,161	25,063	19,352
52:Case 54	25,275	71,549	46,803	25,088	3,177	33,449

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	20:Case 20	21:Case 21	22:Case 22	23:Case 23	24:Case 24	25:Case 25
1:Case 1	22,804	3,447	7,237	19,671	20,990	38,969
2:Case 2	3,116	5,366	5,793	3,447	6,493	8,238
3:Case 3	2,476	13,354	12,501	6,271	7,916	4,134
4:Case 4	19,672	37,329	38,351	28,994	32,366	5,571
5:Case 5	8,238	11,665	4,323	5,105	6,424	19,099
6:Case 6	6,249	8,350	2,334	3,116	4,435	18,436
7:Case 7	4,547	3,772	3,177	6,279	6,361	11,395
8:Case 8	6,536	9,739	5,166	8,268	8,350	9,406
9:Case 9	7,782	16,811	15,486	11,577	14,786	2,334
10:Case 10	1,695	15,224	6,029	1,363	1,445	7,954
11:Case 11	,700	10,103	5,698	1,032	2,514	7,623
12:Case 12	6,279	5,355	1,445	4,547	6,029	13,939
13:Case 13	7,511	25,168	20,500	12,707	14,515	,663
14:Case 14	2,801	9,403	6,398	1,732	4,615	11,124
15:Case 15	31,490	20,986	22,291	26,957	29,677	49,057
16:Case 16	19,541	23,117	18,591	17,809	19,291	28,527
17:Case 17	1,363	9,440	6,361	1,695	3,177	9,612
18:Case 18	7,916	21,446	21,568	13,774	16,983	1,732
19:Case 19	4,148	9,050	1,634	2,416	2,334	14,935
20:Case 20	,000	12,204	6,398	1,732	1,813	5,522
21:Case 21	12,204	,000	4,148	11,134	14,017	21,853
22:Case 22	6,398	4,148	,000	4,666	4,585	18,511
23:Case 23	1,732	11,134	4,666	,000	1,482	10,718
24:Case 24	1,813	14,017	4,585	1,482	,000	12,526
25:Case 25	5,522	21,853	18,511	10,718	12,526	,000
26:Case 26	11,420	29,077	21,847	12,490	15,862	5,571
27:Case 27	4,804	5,579	2,453	1,671	4,554	15,190
28:Case 28	4,491	20,822	15,417	7,623	9,431	1,032
29:Case 29	,700	15,705	8,499	3,833	2,514	4,822
30:Case 30	4,465	19,321	7,237	4,134	2,652	12,526
31:Case 31	4,148	9,050	1,634	2,416	2,334	14,935
32:Case 32	29,042	16,838	20,986	27,973	30,855	38,691
33:Case 33	5,166	22,823	16,591	10,361	10,606	1,445
34:Case 34	2,416	10,119	6,493	4,148	5,793	3,485
35:Case 35	1,753	8,130	5,830	3,485	5,130	4,148
36:Case 36	29,042	16,838	20,986	27,973	30,855	38,691
37:Case 37	28,577	23,899	23,262	24,044	26,764	46,143
38:Case 38	,971	7,348	3,485	2,703	2,784	6,493
39:Case 39	1,695	15,224	6,029	1,363	1,445	7,954
40:Case 40	3,352	21,009	11,151	6,485	5,166	4,822
41:Case 41	16,006	2,476	4,323	12,874	14,193	32,172
42:Case 42	26,588	25,888	21,273	22,055	24,775	40,176
43:Case 43	5,586	6,361	1,671	2,453	3,772	19,099
44:Case 44	4,134	21,791	13,496	7,267	7,511	2,476
45:Case 45	5,166	22,823	16,591	10,361	10,606	1,445
46:Case 46	1,671	5,248	2,784	2,003	3,485	8,594
47:Case 47	7,568	10,771	4,134	7,237	7,318	12,501
48:Case 48	2,003	8,380	2,453	1,671	1,753	9,588
49:Case 50	3,447	11,151	2,334	3,116	1,634	12,834
50:Case 51	1,671	5,248	2,784	2,003	3,485	8,594
51:Case 53	18,472	26,176	20,986	20,204	20,286	22,668
52:Case 54	19,672	37,329	38,351	28,994	32,366	5,571

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	26:Case 26	27:Case 27	28:Case 28	29:Case 29	30:Case 30	31:Case 31
1:Case 1	44,957	12,173	35,875	26,305	28,946	15,407
2:Case 2	13,898	3,177	7,206	5,217	11,797	6,811
3:Case 3	13,921	9,343	5,166	3,177	13,220	11,577
4:Case 4	16,504	33,466	10,728	18,972	29,714	33,449
5:Case 5	19,783	3,434	16,005	11,739	3,772	1,363
6:Case 6	20,446	1,445	15,342	9,750	4,435	,700
7:Case 7	18,620	5,467	10,364	5,248	11,665	6,137
8:Case 8	12,653	7,456	8,375	7,237	5,698	4,148
9:Case 9	6,579	12,707	3,366	8,482	12,134	12,526
10:Case 10	8,400	4,435	4,859	2,395	1,445	2,453
11:Case 11	13,521	2,703	6,592	2,801	5,166	3,447
12:Case 12	14,385	2,334	10,844	8,380	6,029	1,753
13:Case 13	4,908	17,179	1,695	6,811	11,863	15,598
14:Case 14	17,023	2,003	10,093	6,303	7,267	4,148
15:Case 15	55,044	21,943	45,962	36,392	37,633	26,577
16:Case 16	30,299	17,538	25,432	21,642	21,943	18,283
17:Case 17	16,836	3,366	8,581	3,464	8,481	5,436
18:Case 18	11,429	16,846	4,826	8,617	16,983	17,991
19:Case 19	16,945	2,145	11,840	6,249	2,334	,000
20:Case 20	11,420	4,804	4,491	,700	4,465	4,148
21:Case 21	29,077	5,579	20,822	15,705	19,321	9,050
22:Case 22	21,847	2,453	15,417	8,499	7,237	1,634
23:Case 23	12,490	1,671	7,623	3,833	4,134	2,416
24:Case 24	15,862	4,554	9,431	2,514	2,652	2,334
25:Case 25	5,571	15,190	1,032	4,822	12,526	14,935
26:Case 26	,000	16,962	2,476	10,720	13,210	16,945
27:Case 27	16,962	,000	12,096	8,305	7,206	2,145
28:Case 28	2,476	12,096	,000	3,790	9,431	11,840
29:Case 29	10,720	8,305	3,790	,000	5,166	6,249
30:Case 30	13,210	7,206	9,431	5,166	,000	2,334
31:Case 31	16,945	2,145	11,840	6,249	2,334	,000
32:Case 32	45,915	22,417	37,660	32,543	36,159	25,888
33:Case 33	7,253	14,834	2,476	4,465	7,954	11,689
34:Case 34	6,493	5,278	2,453	3,116	5,793	4,859
35:Case 35	8,482	4,615	3,116	2,453	7,782	5,522
36:Case 36	45,915	22,417	37,660	32,543	36,159	25,888
37:Case 37	52,131	20,972	43,049	33,479	34,720	25,606
38:Case 38	12,391	3,833	5,462	1,671	5,436	3,177
39:Case 39	8,400	4,435	4,859	2,395	1,445	2,453
40:Case 40	8,068	10,957	3,790	2,652	2,514	6,249
41:Case 41	38,160	7,318	29,077	19,508	22,149	10,552
42:Case 42	42,186	18,983	37,082	31,490	24,775	19,639
43:Case 43	22,435	,782	16,005	9,087	6,424	1,363
44:Case 44	4,159	11,739	1,445	3,434	4,859	8,594
45:Case 45	7,253	14,834	2,476	4,465	7,954	11,689
46:Case 46	14,492	1,732	7,563	3,772	6,137	2,476
47:Case 47	11,621	6,424	9,406	8,268	4,666	3,116
48:Case 48	11,360	2,801	6,493	2,703	4,405	2,145
49:Case 50	14,844	4,246	9,739	4,148	1,634	,700
50:Case 51	14,492	1,732	7,563	3,772	6,137	2,476
51:Case 53	27,241	21,334	21,637	19,172	20,286	19,352
52:Case 54	16,504	33,466	10,728	18,972	29,714	33,449

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	32:Case 32	33:Case 33	34:Case 34	35:Case 35	36:Case 36	37:Case 37
1:Case 1	20,286	39,701	21,667	18,352	20,286	26,278
2:Case 2	22,205	10,771	3,352	1,363	22,205	24,461
3:Case 3	30,192	6,667	4,655	2,666	30,192	32,028
4:Case 4	54,167	7,253	14,745	16,734	54,167	68,635
5:Case 5	28,503	14,527	7,623	9,612	28,503	28,146
6:Case 6	25,188	15,190	6,960	7,623	25,188	23,505
7:Case 7	20,610	12,365	4,405	2,416	20,610	26,588
8:Case 8	26,577	6,398	2,416	4,405	26,577	36,533
9:Case 9	33,649	2,453	2,476	4,465	33,649	44,911
10:Case 10	32,062	6,271	2,784	3,447	32,062	30,861
11:Case 11	26,941	7,267	3,116	2,453	26,941	25,076
12:Case 12	22,193	12,256	3,485	4,148	22,193	27,359
13:Case 13	42,006	,782	4,148	6,137	42,006	50,784
14:Case 14	26,241	10,768	5,217	4,554	26,241	22,975
15:Case 15	4,148	49,788	34,238	30,923	4,148	,971
16:Case 16	6,279	28,170	20,015	19,352	6,279	6,235
17:Case 17	26,278	10,582	5,105	3,116	26,278	23,087
18:Case 18	38,284	3,177	5,879	6,542	38,284	46,399
19:Case 19	25,888	11,689	4,859	5,522	25,888	25,606
20:Case 20	29,042	5,166	2,416	1,753	29,042	28,577
21:Case 21	16,838	22,823	10,119	8,130	16,838	23,899
22:Case 22	20,986	16,591	6,493	5,830	20,986	23,262
23:Case 23	27,973	10,361	4,148	3,485	27,973	24,044
24:Case 24	30,855	10,606	5,793	5,130	30,855	26,764
25:Case 25	38,691	1,445	3,485	4,148	38,691	46,143
26:Case 26	45,915	7,253	6,493	8,482	45,915	52,131
27:Case 27	22,417	14,834	5,278	4,615	22,417	20,972
28:Case 28	37,660	2,476	2,453	3,116	37,660	43,049
29:Case 29	32,543	4,465	3,116	2,453	32,543	33,479
30:Case 30	36,159	7,954	5,793	7,782	36,159	34,720
31:Case 31	25,888	11,689	4,859	5,522	25,888	25,606
32:Case 32	,000	39,661	26,957	24,968	,000	7,061
33:Case 33	39,661	,000	3,366	5,355	39,661	46,875
34:Case 34	26,957	3,366	,000	,663	26,957	33,267
35:Case 35	24,968	5,355	,663	,000	24,968	29,952
36:Case 36	,000	39,661	26,957	24,968	,000	7,061
37:Case 37	7,061	46,875	33,267	29,952	7,061	,000
38:Case 38	24,187	6,137	1,445	,782	24,187	27,606
39:Case 39	32,062	6,271	2,784	3,447	32,062	30,861
40:Case 40	37,847	1,813	3,116	5,105	37,847	41,435
41:Case 41	19,314	32,904	16,811	13,496	19,314	21,423
42:Case 42	9,050	36,930	27,300	27,963	9,050	5,967
43:Case 43	23,199	17,179	7,623	6,960	23,199	20,190
44:Case 44	38,629	1,032	2,334	4,323	38,629	43,781
45:Case 45	39,661	,000	3,366	5,355	39,661	46,875
46:Case 46	22,086	8,238	2,145	1,482	22,086	24,105
47:Case 47	27,609	9,492	3,447	5,436	27,609	35,502
48:Case 48	25,218	9,231	2,476	1,813	25,218	26,575
49:Case 50	27,989	9,588	4,159	4,822	27,989	29,108
50:Case 51	22,086	8,238	2,145	1,482	22,086	24,105
51:Case 53	9,337	20,986	17,620	18,283	9,337	14,083
52:Case 54	54,167	7,253	14,745	16,734	54,167	68,635

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	38:Case 38	39:Case 39	40:Case 40	41:Case 41	42:Case 42	43:Case 43
1:Case 1	16,006	25,087	34,261	,971	32,245	11,392
2:Case 2	2,145	6,137	10,521	9,406	26,450	5,522
3:Case 3	3,447	7,560	8,481	19,457	34,017	11,689
4:Case 4	20,643	24,904	16,320	54,664	58,690	38,939
5:Case 5	7,267	5,217	9,087	14,492	18,201	2,652
6:Case 6	5,278	4,554	9,750	9,851	17,538	,663
7:Case 7	1,634	7,568	10,552	6,249	28,577	6,249
8:Case 8	3,623	5,579	4,585	16,194	26,588	8,238
9:Case 9	6,811	8,887	5,830	28,456	34,966	16,616
10:Case 10	2,666	,000	2,395	18,290	24,894	5,217
11:Case 11	1,671	2,395	5,453	13,905	23,087	3,485
12:Case 12	3,366	4,585	8,380	8,420	21,392	3,116
13:Case 13	8,482	8,617	4,159	36,813	40,839	21,088
14:Case 14	3,772	4,496	8,955	13,205	20,986	2,784
15:Case 15	28,577	33,774	44,348	18,509	6,938	21,161
16:Case 16	18,570	19,172	24,294	24,857	4,246	18,320
17:Case 17	2,334	4,384	8,768	11,916	25,076	4,148
18:Case 18	8,887	12,411	8,617	33,828	40,432	20,755
19:Case 19	3,177	2,453	6,249	10,552	19,639	1,363
20:Case 20	,971	1,695	3,352	16,006	26,588	5,586
21:Case 21	7,348	15,224	21,009	2,476	25,888	6,361
22:Case 22	3,485	6,029	11,151	4,323	21,273	1,671
23:Case 23	2,703	1,363	6,485	12,874	22,055	2,453
24:Case 24	2,784	1,445	5,166	14,193	24,775	3,772
25:Case 25	6,493	7,954	4,822	32,172	40,176	19,099
26:Case 26	12,391	8,400	8,068	38,160	42,186	22,435
27:Case 27	3,833	4,435	10,957	7,318	18,983	,782
28:Case 28	5,462	4,859	3,790	29,077	37,082	16,005
29:Case 29	1,671	2,395	2,652	19,508	31,490	9,087
30:Case 30	5,436	1,445	2,514	22,149	24,775	6,424
31:Case 31	3,177	2,453	6,249	10,552	19,639	1,363
32:Case 32	24,187	32,062	37,847	19,314	9,050	23,199
33:Case 33	6,137	6,271	1,813	32,904	36,930	17,179
34:Case 34	1,445	2,784	3,116	16,811	27,300	7,623
35:Case 35	,782	3,447	5,105	13,496	27,963	6,960
36:Case 36	24,187	32,062	37,847	19,314	9,050	23,199
37:Case 37	27,606	30,861	41,435	21,423	5,967	20,190
38:Case 38	,000	2,666	4,323	11,151	25,617	4,615
39:Case 39	2,666	,000	2,395	18,290	24,894	5,217
40:Case 40	4,323	2,395	,000	27,464	31,490	11,739
41:Case 41	11,151	18,290	27,464	,000	27,390	6,536
42:Case 42	25,617	24,894	31,490	27,390	,000	18,201
43:Case 43	4,615	5,217	11,739	6,536	18,201	,000
44:Case 44	5,105	3,177	,782	29,809	33,836	14,085
45:Case 45	6,137	6,271	1,813	32,904	36,930	17,179
46:Case 46	,700	3,366	6,424	9,050	22,116	2,514
47:Case 47	4,655	4,547	5,616	15,162	25,557	7,206
48:Case 48	1,032	1,634	5,355	10,119	24,586	3,583
49:Case 50	2,476	1,753	4,148	12,652	23,141	3,464
50:Case 51	,700	3,366	6,424	9,050	22,116	2,514
51:Case 53	17,501	18,841	19,172	31,304	8,116	22,116
52:Case 54	20,643	24,904	16,320	54,664	58,690	38,939

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß					
Fall	44:Case 44	45:Case 45	46:Case 46	47:Case 47	48:Case 48	49:Case 50
1:Case 1	36,607	39,701	13,905	18,075	14,975	17,508
2:Case 2	9,739	10,771	1,445	9,452	3,177	7,511
3:Case 3	7,699	6,667	4,148	14,759	6,542	10,876
4:Case 4	12,411	7,253	22,744	28,125	27,864	31,348
5:Case 5	11,433	14,527	5,166	4,554	6,235	3,464
6:Case 6	12,096	15,190	3,177	5,217	4,246	2,801
7:Case 7	11,333	12,365	2,334	6,999	2,666	5,436
8:Case 8	5,366	6,398	4,323	1,032	4,655	3,447
9:Case 9	3,485	2,453	7,511	8,224	9,905	11,826
10:Case 10	3,177	6,271	3,366	4,547	1,634	1,753
11:Case 11	6,235	7,267	,971	8,268	2,703	4,148
12:Case 12	9,162	12,256	2,666	1,363	2,334	2,453
13:Case 13	1,813	,782	10,583	11,838	11,577	13,497
14:Case 14	9,736	10,768	1,671	10,369	4,804	6,249
15:Case 15	46,694	49,788	25,076	34,531	27,546	30,079
16:Case 16	25,076	28,170	17,870	21,161	17,538	18,983
17:Case 17	9,550	10,582	1,634	11,583	3,366	6,137
18:Case 18	6,271	3,177	9,588	16,958	14,045	17,291
19:Case 19	8,594	11,689	2,476	3,116	2,145	,700
20:Case 20	4,134	5,166	1,671	7,568	2,003	3,447
21:Case 21	21,791	22,823	5,248	10,771	8,380	11,151
22:Case 22	13,496	16,591	2,784	4,134	2,453	2,334
23:Case 23	7,267	10,361	2,003	7,237	1,671	3,116
24:Case 24	7,511	10,606	3,485	7,318	1,753	1,634
25:Case 25	2,476	1,445	8,594	12,501	9,588	12,834
26:Case 26	4,159	7,253	14,492	11,621	11,360	14,844
27:Case 27	11,739	14,834	1,732	6,424	2,801	4,246
28:Case 28	1,445	2,476	7,563	9,406	6,493	9,739
29:Case 29	3,434	4,465	3,772	8,268	2,703	4,148
30:Case 30	4,859	7,954	6,137	4,666	4,405	1,634
31:Case 31	8,594	11,689	2,476	3,116	2,145	,700
32:Case 32	38,629	39,661	22,086	27,609	25,218	27,989
33:Case 33	1,032	,000	8,238	9,492	9,231	9,588
34:Case 34	2,334	3,366	2,145	3,447	2,476	4,159
35:Case 35	4,323	5,355	1,482	5,436	1,813	4,822
36:Case 36	38,629	39,661	22,086	27,609	25,218	27,989
37:Case 37	43,781	46,875	24,105	35,502	26,575	29,108
38:Case 38	5,105	6,137	,700	4,655	1,032	2,476
39:Case 39	3,177	6,271	3,366	4,547	1,634	1,753
40:Case 40	,782	1,813	6,424	5,616	5,355	4,148
41:Case 41	29,809	32,904	9,050	15,162	10,119	12,652
42:Case 42	33,836	36,930	22,116	25,557	24,586	23,141
43:Case 43	14,085	17,179	2,514	7,206	3,583	3,464
44:Case 44	,000	1,032	7,206	6,398	6,137	6,493
45:Case 45	1,032	,000	8,238	9,492	9,231	9,588
46:Case 46	7,206	8,238	,000	5,355	1,732	3,177
47:Case 47	6,398	9,492	5,355	,000	3,623	2,416
48:Case 48	6,137	9,231	1,732	3,623	,000	1,445
49:Case 50	6,493	9,588	3,177	2,416	1,445	,000
50:Case 51	7,206	8,238	,000	5,355	1,732	3,177
51:Case 53	19,954	20,986	18,201	19,504	18,533	18,651
52:Case 54	12,411	7,253	22,744	28,125	27,864	31,348

Dies ist eine Unähnlichkeitsmatrix

Näherungsmatrix

	Quadriertes euklidisches Distanzmaß		
Fall	50:Case 51	51:Case 53	52:Case 54
1:Case 1	13,905	36,159	61,461
2:Case 2	1,445	20,972	22,150
3:Case 3	4,148	22,275	13,921
4:Case 4	22,744	35,493	,000
5:Case 5	5,166	22,116	36,287
6:Case 6	3,177	21,453	36,950
7:Case 7	2,334	20,461	26,872
8:Case 8	4,323	18,472	20,905
9:Case 9	7,511	21,660	6,579
10:Case 10	3,366	18,841	24,904
11:Case 11	,971	19,172	21,773
12:Case 12	2,666	19,541	30,889
13:Case 13	10,583	23,331	4,908
14:Case 14	1,671	21,273	25,275
15:Case 15	25,076	15,054	71,549
16:Case 16	17,870	2,395	46,803
17:Case 17	1,634	21,161	25,088
18:Case 18	9,588	25,063	3,177
19:Case 19	2,476	19,352	33,449
20:Case 20	1,671	18,472	19,672
21:Case 21	5,248	26,176	37,329
22:Case 22	2,784	20,986	38,351
23:Case 23	2,003	20,204	28,994
24:Case 24	3,485	20,286	32,366
25:Case 25	8,594	22,668	5,571
26:Case 26	14,492	27,241	16,504
27:Case 27	1,732	21,334	33,466
28:Case 28	7,563	21,637	10,728
29:Case 29	3,772	19,172	18,972
30:Case 30	6,137	20,286	29,714
31:Case 31	2,476	19,352	33,449
32:Case 32	22,086	9,337	54,167
33:Case 33	8,238	20,986	7,253
34:Case 34	2,145	17,620	14,745
35:Case 35	1,482	18,283	16,734
36:Case 36	22,086	9,337	54,167
37:Case 37	24,105	14,083	68,635
38:Case 38	,700	17,501	20,643
39:Case 39	3,366	18,841	24,904
40:Case 40	6,424	19,172	16,320
41:Case 41	9,050	31,304	54,664
42:Case 42	22,116	8,116	58,690
43:Case 43	2,514	22,116	38,939
44:Case 44	7,206	19,954	12,411
45:Case 45	8,238	20,986	7,253
46:Case 46	,000	18,201	22,744
47:Case 47	5,355	19,504	28,125
48:Case 48	1,732	18,533	27,864
49:Case 50	3,177	18,651	31,348
50:Case 51	,000	18,201	22,744
51:Case 53	18,201	,000	35,493
52:Case 54	22,744	35,493	,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	4	52	,000	0	0	47
2	46	50	,000	0	0	14
3	33	45	,000	0	0	27
4	10	39	,000	0	0	24
5	32	36	,000	0	0	43
6	19	31	,000	0	0	13
7	6	43	,332	0	0	19
8	34	35	,663	0	0	33
9	11	17	,995	0	0	18
10	13	25	1,326	0	0	22
11	20	29	1,676	0	0	31
12	40	44	2,067	0	0	27
13	19	49	2,534	6	0	30
14	38	46	3,001	0	2	25
15	15	37	3,486	0	0	43
16	1	41	3,972	0	0	32
17	8	47	4,488	0	0	44
18	11	14	5,065	9	0	38
19	6	27	5,697	7	0	37
20	12	22	6,419	0	0	36
21	23	24	7,160	0	0	23
22	13	28	7,958	10	0	34
23	23	48	8,853	21	0	35
24	10	30	9,816	4	0	35
25	2	38	10,958	0	14	29
26	16	51	12,155	0	0	39
27	33	40	13,382	3	12	40
28	9	18	14,715	0	0	34
29	2	7	16,145	25	0	33
30	5	19	17,576	0	13	36
31	3	20	19,343	0	11	38
32	1	21	21,156	16	0	49
33	2	34	23,054	29	8	41
34	9	13	25,067	28	22	40
35	10	23	27,113	24	23	45
36	5	12	29,166	30	20	37
37	5	6	31,415	36	19	44
38	3	11	34,635	31	18	41
39	16	42	38,357	26	0	46
40	9	33	42,510	34	27	42
41	2	3	46,963	33	38	48
42	9	26	51,708	40	0	47
43	15	32	57,070	15	5	46
44	5	8	62,885	37	17	45
45	5	10	71,206	44	35	48
46	15	16	80,863	43	39	51
47	4	9	93,482	1	42	50
48	2	5	112,680	41	45	49
49	1	2	141,578	32	48	50
50	1	4	228,261	49	47	51
51	1	15	357,000	50	46	0

Vertikales Eiszapfendiagramm

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

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	44:Case 44		40:Case 40		45:Case 45		33:Case 33		28:Case 28		25:Case 25		13:Case 13		18:Case 18	
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
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
20	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
22	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
24	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	
26	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	
28	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	
30	X	X	X		X	X	X		X	X	X	X	X		X	
31	X	X	X		X	X	X		X		X	X	X		X	
32	X	X	X		X	X	X		X		X	X	X		X	
33	X	X	X		X	X	X		X		X	X	X		X	
34	X	X	X		X	X	X		X		X	X	X		X	
35	X	X	X		X	X	X		X		X	X	X		X	
36	X	X	X		X	X	X		X		X	X	X		X	
37	X	X	X		X	X	X		X		X	X	X		X	
38	X	X	X		X	X	X		X		X	X	X		X	
39	X	X	X		X	X	X		X		X	X	X		X	
40	X	X	X		X	X	X		X		X	X	X		X	
41	X		X		X	X	X		X		X	X	X		X	
42	X		X		X	X	X		X		X	X	X		X	
43	X		X		X	X	X		X		X		X		X	
44	X		X		X	X	X		X		X		X		X	
45	X		X		X	X	X		X		X		X		X	
46	X		X		X	X	X		X		X		X		X	
47	X		X		X	X	X		X		X		X		X	
48	X		X		X	X	X		X		X		X		X	
49	X		X		X	X	X		X		X		X		X	
50	X		X		X		X		X		X		X		X	
51	X		X		X		X		X		X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	9:Case 9		52:Case 54		4:Case 4		48:Case 48		24:Case 24		23:Case 23		30:Case 30		39:Case 39	
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
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
7	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
9	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
11	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
13	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
15	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
17	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
19	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
21	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
23	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
25	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
27	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
29	X		X	X	X		X	X	X	X	X		X		X	X
30	X		X	X	X		X		X	X	X		X		X	X
31	X		X	X	X		X		X	X	X		X		X	X
32	X		X	X	X		X		X		X		X		X	X
33	X		X	X	X		X		X		X		X		X	X
34	X		X	X	X		X		X		X		X		X	X
35	X		X	X	X		X		X		X		X		X	X
36	X		X	X	X		X		X		X		X		X	X
37	X		X	X	X		X		X		X		X		X	X
38	X		X	X	X		X		X		X		X		X	X
39	X		X	X	X		X		X		X		X		X	X
40	X		X	X	X		X		X		X		X		X	X
41	X		X	X	X		X		X		X		X		X	X
42	X		X	X	X		X		X		X		X		X	X
43	X		X	X	X		X		X		X		X		X	X
44	X		X	X	X		X		X		X		X		X	X
45	X		X	X	X		X		X		X		X		X	X
46	X		X	X	X		X		X		X		X		X	X
47	X		X	X	X		X		X		X		X		X	X
48	X		X	X	X		X		X		X		X		X	X
49	X		X	X	X		X		X		X		X		X	
50	X		X	X	X		X		X		X		X		X	
51	X		X	X	X		X		X		X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	10:Case 10		47:Case 47		8:Case 8		27:Case 27		43:Case 43		6:Case 6		22:Case 22		12:Case 12	
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
9	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
11	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
13	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
15	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
17	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	
19	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	
21	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	
23	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	
25	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	
27	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	
29	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	
31	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	
33	X		X	X	X		X	X	X	X	X		X		X	
34	X		X	X	X		X		X	X	X		X		X	
35	X		X	X	X		X		X	X	X		X		X	
36	X		X		X		X		X	X	X		X		X	
37	X		X		X		X		X	X	X		X		X	
38	X		X		X		X		X	X	X		X		X	
39	X		X		X		X		X	X	X		X		X	
40	X		X		X		X		X	X	X		X		X	
41	X		X		X		X		X	X	X		X		X	
42	X		X		X		X		X	X	X		X		X	
43	X		X		X		X		X	X	X		X		X	
44	X		X		X		X		X	X	X		X		X	
45	X		X		X		X		X	X	X		X		X	
46	X		X		X		X		X		X		X		X	
47	X		X		X		X		X		X		X		X	
48	X		X		X		X		X		X		X		X	
49	X		X		X		X		X		X		X		X	
50	X		X		X		X		X		X		X		X	
51	X		X		X		X		X		X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	49:Case 50		31:Case 31		19:Case 19		5:Case 5		14:Case 14		17:Case 17		11:Case 11		29:Case 29	
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
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
16	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
18	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
20	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
22	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
24	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
26	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
28	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
30	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
32	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
34	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
36	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
38	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
40	X		X	X	X		X		X		X	X	X		X	X
41	X		X	X	X		X		X		X	X	X		X	X
42	X		X	X	X		X		X		X	X	X		X	
43	X		X	X	X		X		X		X	X	X		X	
44	X		X	X	X		X		X		X		X		X	
45	X		X	X	X		X		X		X		X		X	
46	X		X	X	X		X		X		X		X		X	
47	X		X		X		X		X		X		X		X	
48	X		X		X		X		X		X		X		X	
49	X		X		X		X		X		X		X		X	
50	X		X		X		X		X		X		X		X	
51	X		X		X		X		X		X		X		X	

Vertikales Eiszapfendiagramm

Anzahl der Cluster	Fall															
	20:Case 20		3:Case 3		35:Case 35		34:Case 34		7:Case 7		50:Case 51		46:Case 46		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	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
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
21	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
23	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
25	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
27	X		X		X	X	X		X		X	X	X	X	X	X
28	X		X		X	X	X		X		X	X	X	X	X	
29	X		X		X	X	X		X		X	X	X	X	X	
30	X		X		X	X	X		X		X	X	X	X	X	
31	X		X		X	X	X		X		X	X	X	X	X	
32	X		X		X	X	X		X		X	X	X	X	X	
33	X		X		X	X	X		X		X	X	X	X	X	
34	X		X		X	X	X		X		X	X	X	X	X	
35	X		X		X	X	X		X		X	X	X	X	X	
36	X		X		X	X	X		X		X	X	X	X	X	
37	X		X		X	X	X		X		X	X	X	X	X	
38	X		X		X	X	X		X		X	X	X	X	X	
39	X		X		X	X	X		X		X	X	X		X	
40	X		X		X	X	X		X		X	X	X		X	
41	X		X		X	X	X		X		X	X	X		X	
42	X		X		X	X	X		X		X	X	X		X	
43	X		X		X	X	X		X		X	X	X		X	
44	X		X		X	X	X		X		X	X	X		X	
45	X		X		X		X		X		X	X	X		X	
46	X		X		X		X		X		X	X	X		X	
47	X		X		X		X		X		X	X	X		X	
48	X		X		X		X		X		X	X	X		X	
49	X		X		X		X		X		X	X	X		X	
50	X		X		X		X		X		X	X	X		X	
51	X		X		X		X		X		X		X		X	

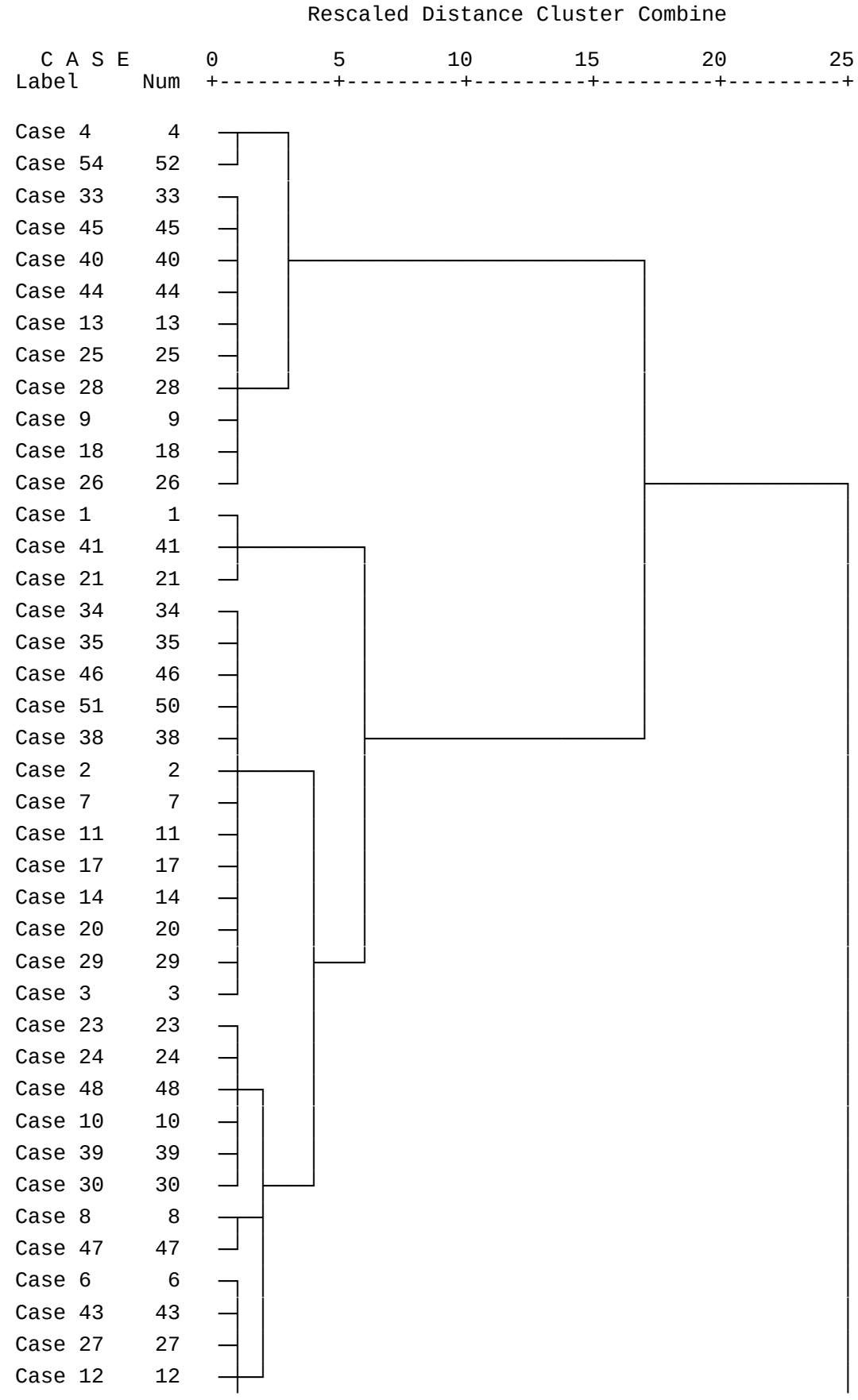
Vertikales Eiszapfendiagramm

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




Case 22 22
Case 19 19

```
* * * * * * 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 * * * * * *

   C A S E      0         5        10        15        20        25
 Label     Num  +---------+---------+---------+---------+---------+
 Case 31    31   ─┐
 Case 50    49   ─┤
 Case 5      5   ─┘
 Case 16    16   ─┐
 Case 53    51   ─┤
 Case 42    42   ─┤
 Case 32    32   ─┤
 Case 36    36   ─┤
 Case 15    15   ─┤
 Case 37    37   ─┘
```

Quick Cluster

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Anfängliche Clusterzentren

	Cluster		
	1	2	3
International Forerunner - North America	4	4	4
International Forerunner - Europe	4	4	4
International Forerunner - Asia/Pacific	1	3	4
International Forerunner - Japan	0	4	4
International Forerunner - South/Latin America	0	0	4
International Forerunner - Africa	0	0	4
International Forerunner - China	0	4	4

Iterationsprotokoll[a]

	Änderung in Clusterzentren		
Iteration	1	2	3
1	2,005	1,922	2,047
2	,401	,152	,152
3	,339	,113	,192
4	,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 4. Der Mindestabstand zwischen den anfänglichen Zentren beträgt 5,745.

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
1	1	1,714
2	2	1,958
3	2	2,625
4	3	2,336
5	2	2,266
6	2	1,727
7	2	2,056
8	2	2,163
9	3	1,275
10	2	1,331
11	2	1,121
12	2	1,451
13	3	,354
14	2	1,692
15	1	1,392
16	2	1,492
17	2	1,762
18	3	1,514
19	2	1,174
20	2	1,285
21	1	1,340
22	2	1,609
23	2	1,107
24	2	1,502
25	3	,791
26	3	2,336
27	2	1,482
28	3	1,275
29	2	2,011
30	2	2,135
31	2	1,174
32	1	1,229
33	3	,890
34	2	1,590
35	2	1,542
36	1	1,229
37	1	2,090
38	2	1,007
39	2	1,331
40	3	2,111
41	1	1,169
42	2	2,868
43	2	1,683
44	3	1,339
45	3	,890
46	2	,787
47	2	2,156
48	2	,992
49	.	.
50	2	1,331
51	2	,787
52	.	.
53	2	1,674
54	3	2,336

Clusterzentren der endgültigen Lösung

	Cluster		
	1	2	3
International Forerunner - North America	3	4	4
International Forerunner - Europe	3	4	4
International Forerunner - Asia/Pacific	1	2	4
International Forerunner - Japan	1	3	4
International Forerunner - South/Latin America	0	1	3
International Forerunner - Africa	0	0	2
International Forerunner - China	0	2	4

Distanz zwischen Clusterzentren der endgültigen Lösung

Cluster	1	2	3
1		3,274	6,049
2	3,274		3,319
3	6,049	3,319	

ANOVA

	Cluster		Fehler			
	Mittel der Quadrate	df	Mittel der Quadrate	df	F	Sig.
International Forerunner - North America	,808	2	,091	49	8,915	,000
International Forerunner - Europe	,808	2	,091	49	8,915	,000
International Forerunner - Asia/Pacific	22,381	2	,573	49	39,076	,000
International Forerunner - Japan	15,632	2	,434	49	36,039	,000
International Forerunner - South/Latin America	20,470	2	,496	49	41,295	,000
International Forerunner - Africa	10,743	2	,571	49	18,829	,000
International Forerunner - China	24,449	2	,572	49	42,748	,000

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	7,000
	2	33,000
	3	12,000
Gültig		52,000
Fehlend		2,000

Quick Cluster

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Anfängliche Clusterzentren

	Cluster			
	1	2	3	4
International Forerunner - North America	4	4	4	4
International Forerunner - Europe	4	4	4	4
International Forerunner - Asia/Pacific	1	1	3	4
International Forerunner - Japan	0	3	4	4
International Forerunner - South/Latin America	0	0	2	4
International Forerunner - Africa	0	0	2	4
International Forerunner - China	0	4	1	4

Iterationsprotokoll[a]

	Änderung in Clusterzentren			
Iteration	1	2	3	4
1	1,714	1,696	1,587	1,871
2	,000	,126	,358	,352
3	,000	,000	,192	,192
4	,000	,101	,133	,000
5	,000	,079	,091	,000
6	,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 6. Der Mindestabstand zwischen den anfänglichen Zentren beträgt 4,243.

Cluster-Zugehörigkeit

Fallnummer	Cluster	Distanz
1	1	1,714
2	3	1,275
3	3	1,701
4	4	2,336
5	2	1,617
6	2	1,226
7	3	1,701
8	2	2,015
9	4	1,275
10	2	1,473
11	3	,872
12	2	1,180
13	4	,354
14	3	1,681
15	1	1,392
16	2	1,617
17	3	1,166
18	4	1,514
19	2	,530
20	3	,833
21	1	1,340
22	2	1,473
23	3	1,275
24	2	1,717
25	4	,791
26	4	2,336
27	2	1,582
28	4	1,275
29	3	1,621
30	2	1,780
31	2	,530
32	1	1,229
33	4	,890
34	3	1,536
35	3	,980
36	1	1,229
37	1	2,090
38	3	,702
39	2	1,473
40	4	2,111
41	1	1,169
42	2	2,461
43	2	1,547
44	4	1,339
45	4	,890
46	3	,748
47	2	1,811
48	3	1,166
49	.	.
50	2	1,029
51	3	,748
52	.	.
53	2	1,811
54	4	2,336

Clusterzentren der endgültigen Lösung

	Cluster			
	1	2	3	4
International Forerunner - North America	3	4	4	4
International Forerunner - Europe	3	4	4	4
International Forerunner - Asia/Pacific	1	2	3	4
International Forerunner - Japan	1	3	3	4
International Forerunner - South/Latin America	0	0	1	3
International Forerunner - Africa	0	0	1	2
International Forerunner - China	0	3	2	4

Distanz zwischen Clusterzentren der endgültigen Lösung

Cluster	1	2	3	4
1		3,413	3,357	6,049
2	3,413		1,748	3,713
3	3,357	1,748		3,058
4	6,049	3,713	3,058	

ANOVA

	Cluster		Fehler			
	Mittel der Quadrate	df	Mittel der Quadrate	df	F	Sig.
International Forerunner - North America	,614	3	,088	48	6,999	,001
International Forerunner - Europe	,614	3	,088	48	6,999	,001
International Forerunner - Asia/Pacific	15,407	3	,554	48	27,795	,000
International Forerunner - Japan	10,858	3	,416	48	26,131	,000
International Forerunner - South/Latin America	15,491	3	,391	48	39,638	,000
International Forerunner - Africa	9,006	3	,467	48	19,276	,000
International Forerunner - China	19,871	3	,361	48	55,107	,000

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	7,000
	2	18,000
	3	15,000
	4	12,000
Gültig		52,000
Fehlend		2,000

Diskriminanzanalyse

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Analyse der verarbeiteten Fälle.

Ungewichtete Fälle		N	Prozent
Gültig		52	96,3
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	2	3,7
	Gesamtzahl der ausgeschlossenen	2	3,7
Gesamtzahl der Fälle		54	100,0

Gruppenstatistik

Cluster-Nr. des Falls		Mittelwert	Standardabweichung	Gültige Werte (listenweise) Ungewichtet	Gewichtet
1	International Forerunner - North America	3,43	,535	7	7,000
	International Forerunner - Europe	3,43	,535	7	7,000
	International Forerunner - Asia/Pacific	,71	,488	7	7,000
	International Forerunner - Japan	1,29	,951	7	7,000
	International Forerunner - South/Latin America	,43	,535	7	7,000
	International Forerunner - Africa	,43	,535	7	7,000
	International Forerunner - China	,43	,535	7	7,000
2	International Forerunner - North America	3,91	,292	33	33,000
	International Forerunner - Europe	3,91	,292	33	33,000
	International Forerunner - Asia/Pacific	2,30	,883	33	33,000
	International Forerunner - Japan	3,18	,683	33	33,000
	International Forerunner - South/Latin America	,82	,635	33	33,000
	International Forerunner - Africa	,48	,566	33	33,000
	International Forerunner - China	2,42	,867	33	33,000
3	International Forerunner - North America	4,00	,000	12	12,000
	International Forerunner - Europe	4,00	,000	12	12,000
	International Forerunner - Asia/Pacific	3,83	,389	12	12,000
	International Forerunner - Japan	3,92	,289	12	12,000
	International Forerunner - South/Latin America	2,83	,937	12	12,000
	International Forerunner - Africa	2,00	1,206	12	12,000
	International Forerunner - China	3,75	,452	12	12,000
Gesamt	International Forerunner - North America	3,87	,345	52	52,000
	International Forerunner - Europe	3,87	,345	52	52,000
	International Forerunner - Asia/Pacific	2,44	1,195	52	52,000
	International Forerunner - Japan	3,10	1,015	52	52,000
	International Forerunner - South/Latin America	1,23	1,131	52	52,000
	International Forerunner - Africa	,83	,985	52	52,000
	International Forerunner - China	2,46	1,228	52	52,000

Gleichheitstest der Gruppenmittelwerte

	Wilks-Lambda	F	df1	df2	Signifikanz
International Forerunner - North America	,733	8,915	2	49	,000
International Forerunner - Europe	,733	8,915	2	49	,000
International Forerunner - Asia/Pacific	,385	39,076	2	49	,000
International Forerunner - Japan	,405	36,039	2	49	,000
International Forerunner - South/Latin America	,372	41,295	2	49	,000
International Forerunner - Africa	,565	18,829	2	49	,000
International Forerunner - China	,364	42,748	2	49	,000

Gemeinsam Matrizen innerhalb der Gruppen[a]

		International Forerunner - North America	International Forerunner - Europe	International Forerunner - Asia/Pacific	International Forerunner - Japan
Kovarianz	International Forerunner - North America	,091	,091	,056	-,027
	International Forerunner - Europe	,091	,091	,056	-,027
	International Forerunner - Asia/Pacific	,056	,056	,573	,012
	International Forerunner - Japan	-,027	-,027	,012	,434
	International Forerunner - South/Latin America	,003	,003	,150	,001
	International Forerunner - Africa	,003	,003	,102	,025
	International Forerunner - China	-,021	-,021	,023	-,115
Korrelation	International Forerunner - North America	1,000	1,000	,248	-,135
	International Forerunner - Europe	1,000	1,000	,248	-,135
	International Forerunner - Asia/Pacific	,248	,248	1,000	,024
	International Forerunner - Japan	-,135	-,135	,024	1,000
	International Forerunner - South/Latin America	,016	,016	,281	,003
	International Forerunner - Africa	,015	,015	,179	,051
	International Forerunner - China	-,091	-,091	,040	-,232

Gemeinsam Matrizen innerhalb der Gruppen[a]

		International Forerunner - South/Latin America	International Forerunner - Africa	International Forerunner - China
Kovarianz	International Forerunner - North America	,003	,003	-,021
	International Forerunner - Europe	,003	,003	-,021
	International Forerunner - Asia/Pacific	,150	,102	,023
	International Forerunner - Japan	,001	,025	-,115
	International Forerunner - South/Latin America	,496	,298	-,127
	International Forerunner - Africa	,298	,571	-,124
	International Forerunner - China	-,127	-,124	,572
Korrelation	International Forerunner - North America	,016	,015	-,091
	International Forerunner - Europe	,016	,015	-,091
	International Forerunner - Asia/Pacific	,281	,179	,040
	International Forerunner - Japan	,003	,051	-,232
	International Forerunner - South/Latin America	1,000	,561	-,239
	International Forerunner - Africa	,561	1,000	-,217
	International Forerunner - China	-,239	-,217	1,000

a. Die Kovarianzmatrix hat einen Freiheitsgrad von 49.

Kovarianz-Matrizen[a]

Cluster-Nr. des Falls		International Forerunner - North America	International Forerunner - Europe	International Forerunner - Asia/Pacific
1	International Forerunner - North America	,286	,286	,143
	International Forerunner - Europe	,286	,286	,143
	International Forerunner - Asia/Pacific	,143	,143	,238
	International Forerunner - Japan	-,310	-,310	-,405
	International Forerunner - South/Latin America	-,048	-,048	,143
	International Forerunner - Africa	-,048	-,048	,143
	International Forerunner - China	-,048	-,048	,143
2	International Forerunner - North America	,085	,085	,060
	International Forerunner - Europe	,085	,085	,060
	International Forerunner - Asia/Pacific	,060	,060	,780
	International Forerunner - Japan	,017	,017	,068
	International Forerunner - South/Latin America	,014	,014	,213
	International Forerunner - Africa	,014	,014	,161
	International Forerunner - China	-,023	-,023	-,008
3	International Forerunner - North America	,000	,000	,000
	International Forerunner - Europe	,000	,000	,000
	International Forerunner - Asia/Pacific	,000	,000	,152
	International Forerunner - Japan	,000	,000	,076
	International Forerunner - South/Latin America	,000	,000	-,030
	International Forerunner - Africa	,000	,000	-,091
	International Forerunner - China	,000	,000	,045
Gesamt	International Forerunner - North America	,119	,119	,198
	International Forerunner - Europe	,119	,119	,198
	International Forerunner - Asia/Pacific	,198	,198	1,428
	International Forerunner - Japan	,111	,111	,702
	International Forerunner - South/Latin America	,090	,090	,896
	International Forerunner - Africa	,055	,055	,607
	International Forerunner - China	,142	,142	,929

Kovarianz-Matrizen[a]

Cluster-Nr. des Falls		International Forerunner - Japan	International Forerunner - South/Latin America
1	International Forerunner - North America	-,310	-,048
	International Forerunner - Europe	-,310	-,048
	International Forerunner - Asia/Pacific	-,405	,143
	International Forerunner - Japan	,905	-,143
	International Forerunner - South/Latin America	-,143	,286
	International Forerunner - Africa	-,143	,286
	International Forerunner - China	-,143	,286
2	International Forerunner - North America	,017	,014
	International Forerunner - Europe	,017	,014
	International Forerunner - Asia/Pacific	,068	,213
	International Forerunner - Japan	,466	,034
	International Forerunner - South/Latin America	,034	,403
	International Forerunner - Africa	,065	,247
	International Forerunner - China	-,142	-,233
3	International Forerunner - North America	,000	,000
	International Forerunner - Europe	,000	,000
	International Forerunner - Asia/Pacific	,076	-,030
	International Forerunner - Japan	,083	-,015
	International Forerunner - South/Latin America	-,015	,879
	International Forerunner - Africa	,000	,455
	International Forerunner - China	-,023	-,045
Gesamt	International Forerunner - North America	,111	,090
	International Forerunner - Europe	,111	,090
	International Forerunner - Asia/Pacific	,702	,896
	International Forerunner - Japan	1,030	,487
	International Forerunner - South/Latin America	,487	1,279
	International Forerunner - Africa	,331	,864
	International Forerunner - China	,641	,597

Kovarianz-Matrizen[a]

Cluster-Nr. des Falls		International Forerunner - Africa	International Forerunner - China
1	International Forerunner - North America	-,048	-,048
	International Forerunner - Europe	-,048	-,048
	International Forerunner - Asia/Pacific	,143	,143
	International Forerunner - Japan	-,143	-,143
	International Forerunner - South/Latin America	,286	,286
	International Forerunner - Africa	,286	,286
	International Forerunner - China	,286	,286
2	International Forerunner - North America	,014	-,023
	International Forerunner - Europe	,014	-,023
	International Forerunner - Asia/Pacific	,161	-,008
	International Forerunner - Japan	,065	-,142
	International Forerunner - South/Latin America	,247	-,233
	International Forerunner - Africa	,320	-,243
	International Forerunner - China	-,243	,752
3	International Forerunner - North America	,000	,000
	International Forerunner - Europe	,000	,000
	International Forerunner - Asia/Pacific	-,091	,045
	International Forerunner - Japan	,000	-,023
	International Forerunner - South/Latin America	,455	-,045
	International Forerunner - Africa	1,455	,000
	International Forerunner - China	,000	,205
Gesamt	International Forerunner - North America	,055	,142
	International Forerunner - Europe	,055	,142
	International Forerunner - Asia/Pacific	,607	,929
	International Forerunner - Japan	,331	,641
	International Forerunner - South/Latin America	,864	,597
	International Forerunner - Africa	,969	,356
	International Forerunner - China	,356	1,508

a. Die Kovarianzmatrix für alle Fälle hat einen Freiheitsgrad von 51.

Analyse 1

Durch den Toleranztest gefallene Variablen[a]

	Varianz innerhalb der Gruppen	Toleranz	Minimale Toleranz
International Forerunner - Europe	,091	,000	,000

Alle Variablen, die die Toleranzkriterien erfüllen, werden gleichzeitig eingegeben.

a. Minimales Toleranzniveau ist ,001.

Zusammenfassung der kanonischen Diskriminanzfunktionen

Eigenwerte

Funktion	Eigenwert	% der Varianz	Kumulierte %	Kanonische Korrelation
1	7,613[a]	91,6	91,6	,940
2	,699[a]	8,4	100,0	,641

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	,068	124,764	12	,000
2	,589	24,638	5	,000

Standardisierte kanonische Diskriminanzfunktionskoeffizienten

	Funktion	
	1	2
International Forerunner - North America	,296	,409
International Forerunner - Asia/Pacific	,185	,009
International Forerunner - Japan	,633	,488
International Forerunner - South/Latin America	,490	-,600
International Forerunner - Africa	,078	-,310
International Forerunner - China	,777	,069

Struktur-Matrix

	Funktion	
	1	2
International Forerunner - China	,477*	,130
International Forerunner - Asia/Pacific	,457*	-,100
International Forerunner - Japan	,423*	,400
International Forerunner - South/Latin America	,407	-,781*
International Forerunner - Africa	,254	-,630*
International Forerunner - North America	,195	,324*
International Forerunner - Europe[a]	,195	,324*

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

a. Diese Variable wird in der Analyse nicht verwendet.

Kanonische Diskriminanzfunktionskoeffizienten

	Funktion	
	1	2
International Forerunner - North America	,984	1,357
International Forerunner - Asia/Pacific	,245	,012
International Forerunner - Japan	,961	,741
International Forerunner - South/Latin America	,696	-,853
International Forerunner - Africa	,103	-,411
International Forerunner - China	1,028	,091
(Konstant)	-10,848	-6,406

Nicht-standardisierte Koeffizienten

Funktionen bei den Gruppen-Zentroiden

	Funktion	
Cluster-Nr. des Falls	1	2
1	-5,282	-1,293
2	-,270	,610
3	3,823	-,924

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

Klassifizierungsstatistiken

Zusammenfassung der Verarbeitung von Klassifizierungen

Verarbeitet		54
Ausgeschlossen	Fehlende oder außerhalb des Bereichs liegende Gruppencodes	0
	Wenigstens eine Diskriminanzvariable fehlt	2
In der Ausgabe verwendet		52

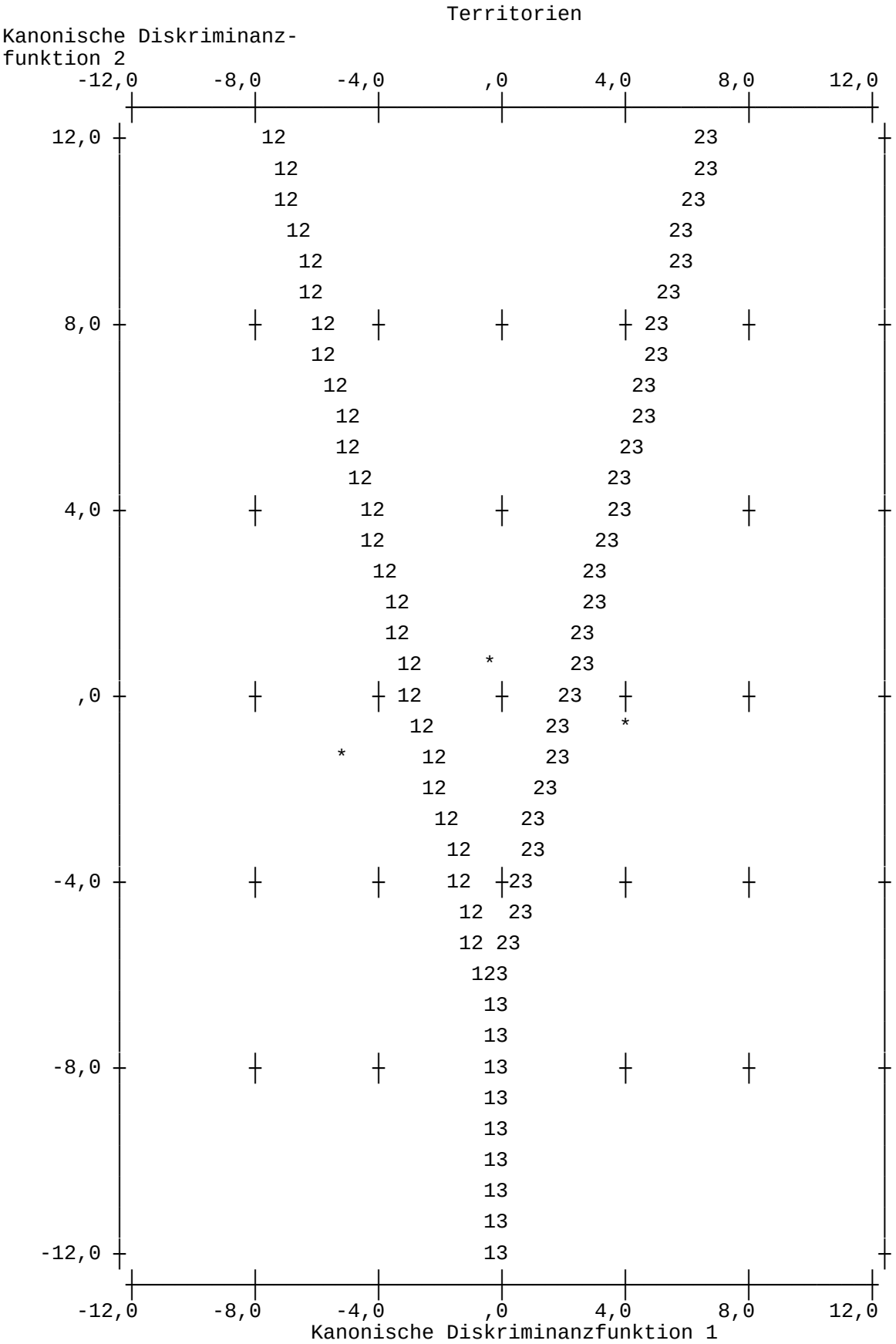
A-priori-Wahrscheinlichkeiten der Gruppen

Cluster-Nr. des Falls	A-priori	In der Analyse verwendete Fälle	
		Ungewichtet	Gewichtet
1	,333	7	7,000
2	,333	33	33,000
3	,333	12	12,000
Gesamt	1,000	52	52,000

Klassifizierungsfunktionskoeffizienten

	Cluster-Nr. des Falls		
	1	2	3
International Forerunner - North America	43,380	50,895	52,839
International Forerunner - Asia/Pacific	-4,146	-2,895	-1,910
International Forerunner - Japan	6,936	13,163	15,957
International Forerunner - South/Latin America	2,654	4,520	8,677
International Forerunner - Africa	,534	,270	1,323
International Forerunner - China	4,588	9,913	13,980
(Konstant)	-80,110	-132,112	-174,191

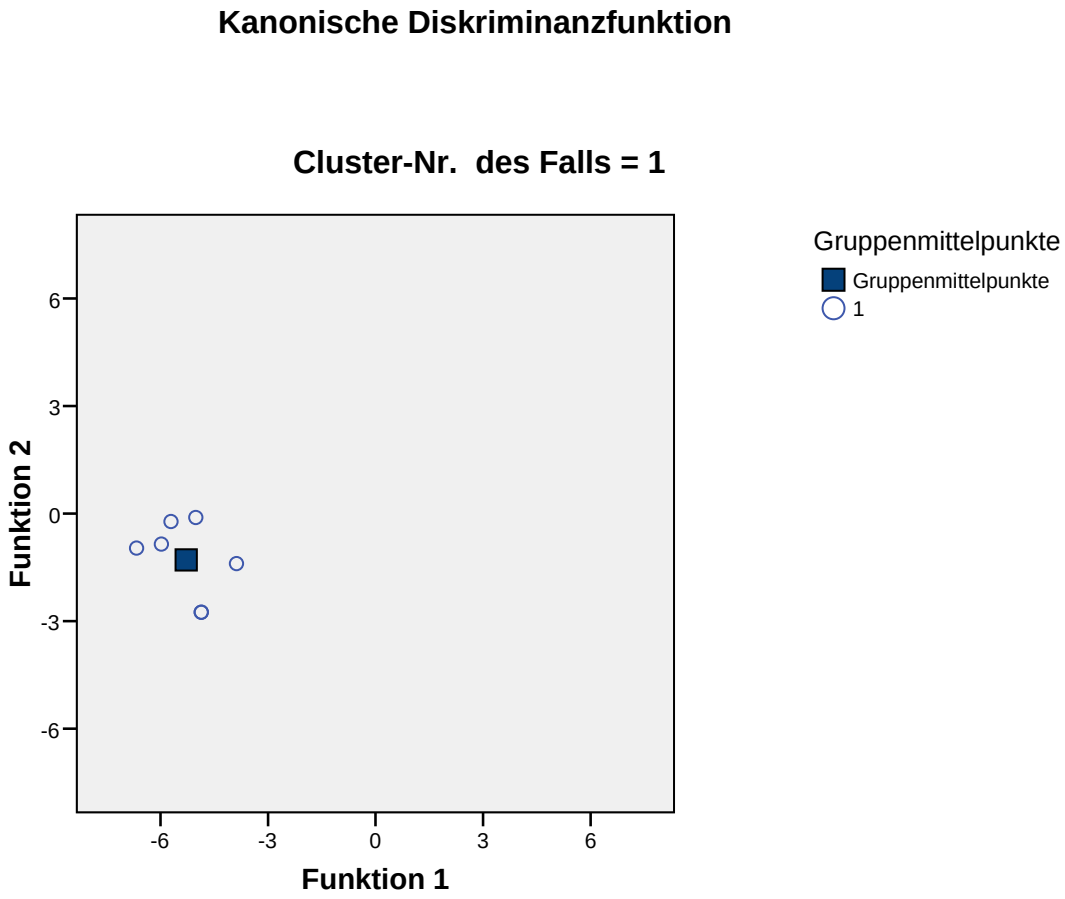
Lineare Diskriminanzfunktionen nach Fisher


Territorien
Kanonische Diskriminanz-
funktion 2
-12,0
-8,0
-4,0
,0
4,0
8,0
12,0
Kanonische Diskriminanzfunktion 1

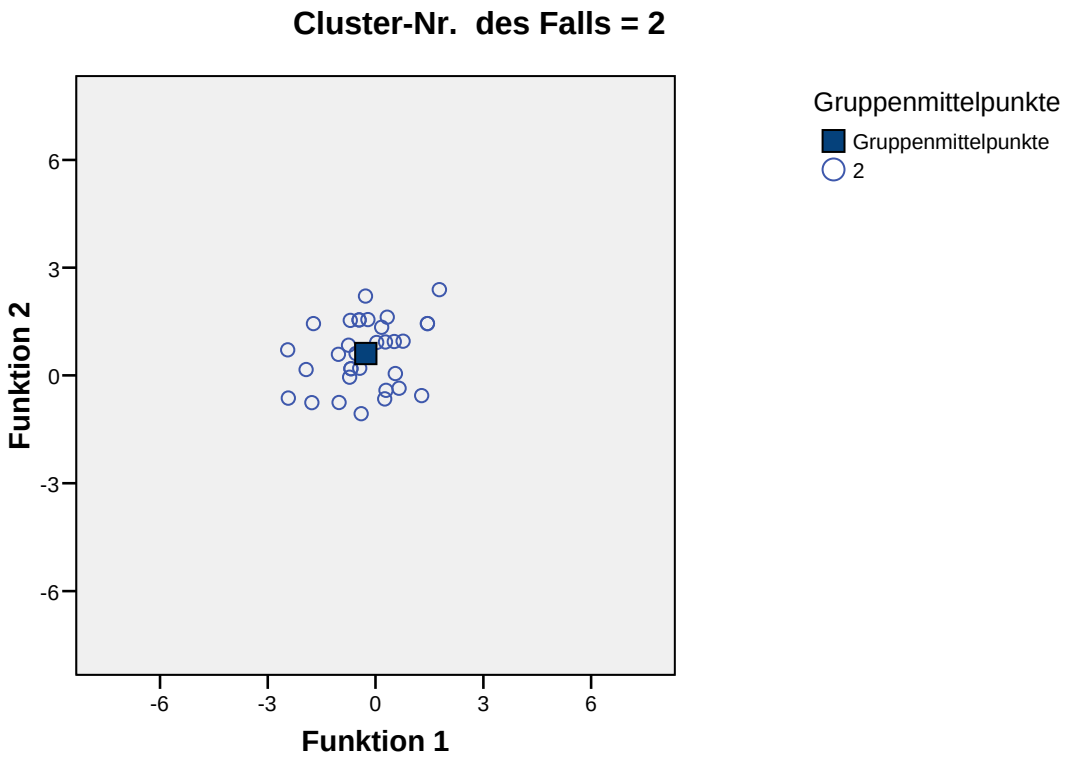
Symbole für Territorien

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

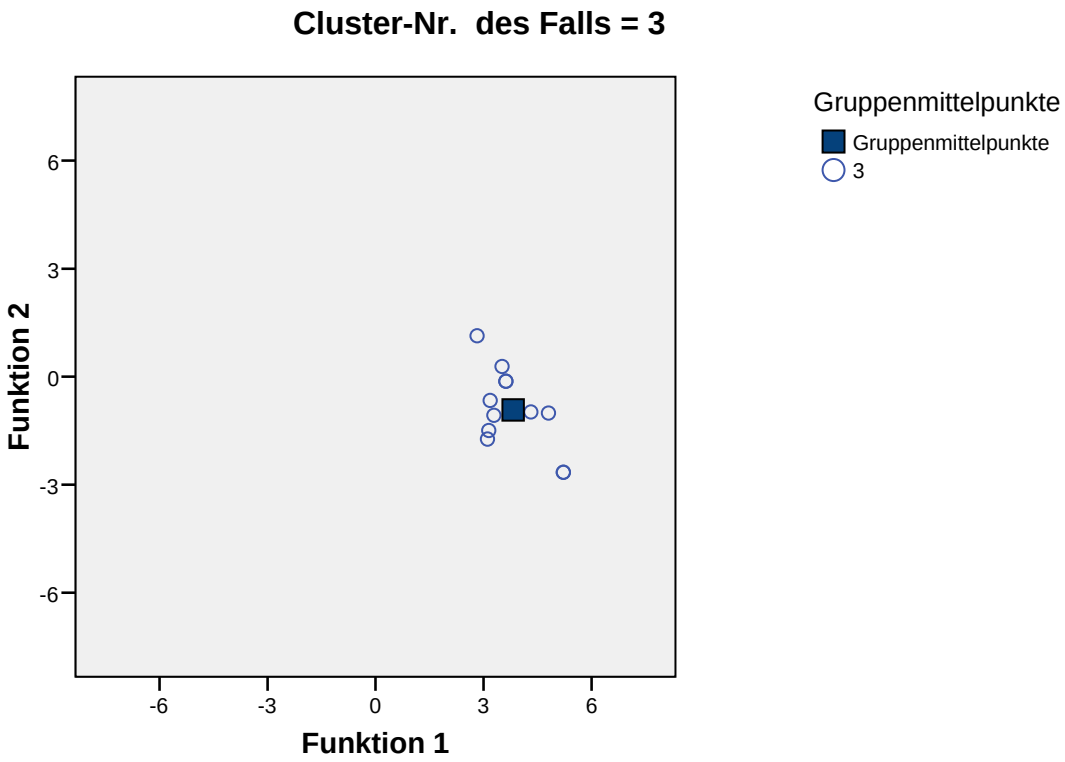
Graphische Darstellung getrennter Gruppen

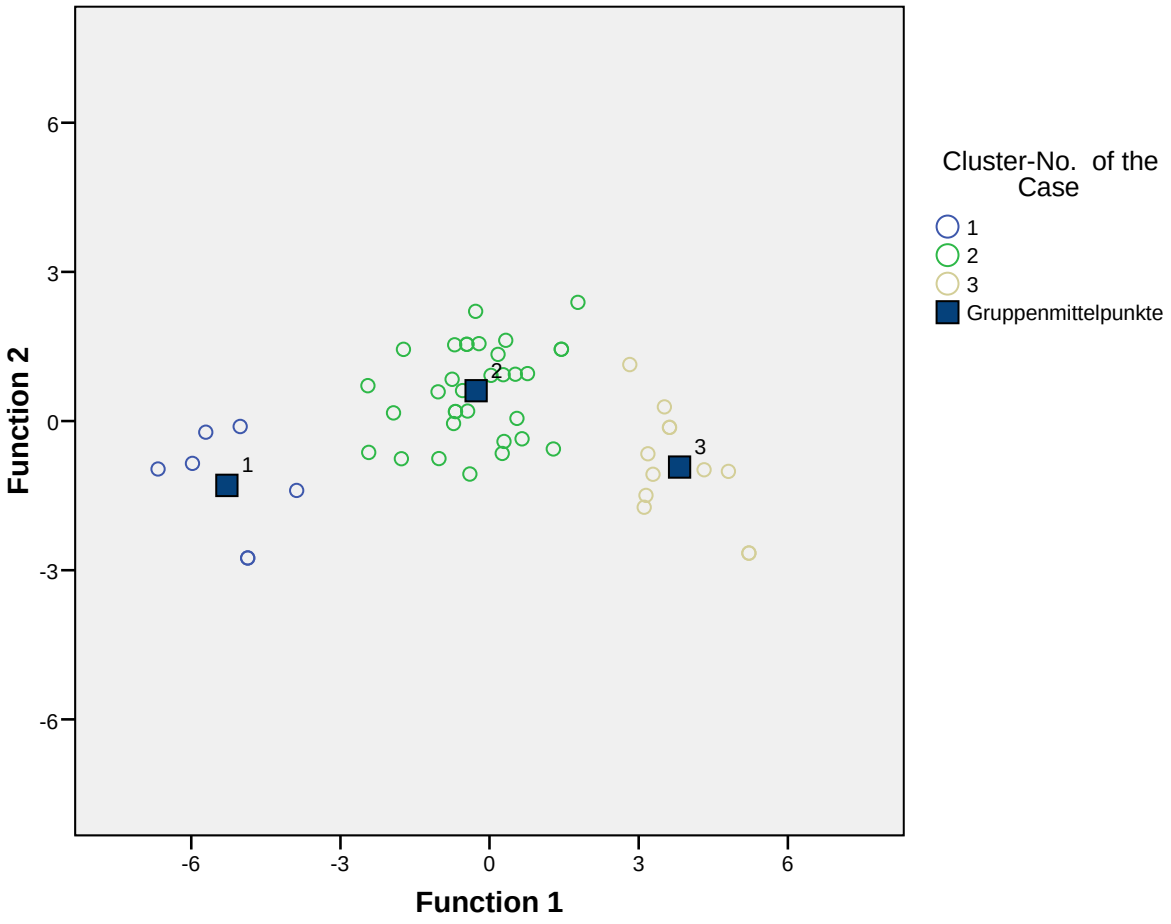


Kanonische Diskriminanzfunktion



Kanonische Diskriminanzfunktion





Klassifizierungsergebnisse[b,c]

		Cluster-Nr. des Falls	Vorhergesagte Gruppenzugehörigkeit 1	2	3	Gesamt
Original	Anzahl	1	7	0	0	7
		2	0	33	0	33
		3	0	0	12	12
	%	1	100,0	,0	,0	100,0
		2	,0	100,0	,0	100,0
		3	,0	,0	100,0	100,0
Kreuzvalidiert[a]	Anzahl	1	7	0	0	7
		2	1	32	0	33
		3	0	0	12	12
	%	1	100,0	,0	,0	100,0
		2	3,0	97,0	,0	100,0
		3	,0	,0	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. 98,1% der kreuzvalidierten gruppierten Fälle wurden korrekt klassifiziert.

Diskriminanzanalyse

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Analyse der verarbeiteten Fälle.

Ungewichtete Fälle		N	Prozent
Gültig		52	96,3
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	2	3,7
	Gesamtzahl der ausgeschlossenen	2	3,7
Gesamtzahl der Fälle		54	100,0

Gruppenstatistik

Cluster-Nr. des Falls		Mittelwert	Standardabweichung	Gültige Werte (listenweise) Ungewichtet	Gewichtet
1	International Forerunner - North America	3,43	,535	7	7,000
	International Forerunner - Europe	3,43	,535	7	7,000
	International Forerunner - Asia/Pacific	,71	,488	7	7,000
	International Forerunner - Japan	1,29	,951	7	7,000
	International Forerunner - South/Latin America	,43	,535	7	7,000
	International Forerunner - Africa	,43	,535	7	7,000
	International Forerunner - China	,43	,535	7	7,000
2	International Forerunner - North America	3,83	,383	18	18,000
	International Forerunner - Europe	3,83	,383	18	18,000
	International Forerunner - Asia/Pacific	2,11	,963	18	18,000
	International Forerunner - Japan	3,00	,686	18	18,000
	International Forerunner - South/Latin America	,44	,511	18	18,000
	International Forerunner - Africa	,11	,323	18	18,000
	International Forerunner - China	2,94	,725	18	18,000

Gruppenstatistik

Cluster-Nr. des Falls		Mittelwert	Standardabweichung	Gültige Werte (listenweise) Ungewichtet	Gültige Werte (listenweise) Gewichtet
3	International Forerunner - North America	4,00	,000	15	15,000
	International Forerunner - Europe	4,00	,000	15	15,000
	International Forerunner - Asia/Pacific	2,53	,743	15	15,000
	International Forerunner - Japan	3,40	,632	15	15,000
	International Forerunner - South/Latin America	1,27	,458	15	15,000
	International Forerunner - Africa	,93	,458	15	15,000
	International Forerunner - China	1,80	,561	15	15,000
4	International Forerunner - North America	4,00	,000	12	12,000
	International Forerunner - Europe	4,00	,000	12	12,000
	International Forerunner - Asia/Pacific	3,83	,389	12	12,000
	International Forerunner - Japan	3,92	,289	12	12,000
	International Forerunner - South/Latin America	2,83	,937	12	12,000
	International Forerunner - Africa	2,00	1,206	12	12,000
	International Forerunner - China	3,75	,452	12	12,000
Gesamt	International Forerunner - North America	3,87	,345	52	52,000
	International Forerunner - Europe	3,87	,345	52	52,000
	International Forerunner - Asia/Pacific	2,44	1,195	52	52,000
	International Forerunner - Japan	3,10	1,015	52	52,000
	International Forerunner - South/Latin America	1,23	1,131	52	52,000
	International Forerunner - Africa	,83	,985	52	52,000
	International Forerunner - China	2,46	1,228	52	52,000

Gleichheitstest der Gruppenmittelwerte

	Wilks-Lambda	F	df1	df2	Signifikanz
International Forerunner - North America	,696	6,999	3	48	,001
International Forerunner - Europe	,696	6,999	3	48	,001
International Forerunner - Asia/Pacific	,365	27,795	3	48	,000
International Forerunner - Japan	,380	26,131	3	48	,000
International Forerunner - South/Latin America	,288	39,638	3	48	,000
International Forerunner - Africa	,454	19,276	3	48	,000
International Forerunner - China	,225	55,107	3	48	,000

Gemeinsam Matrizen innerhalb der Gruppen[a]

		International Forerunner - North America	International Forerunner - Europe	International Forerunner - Asia/Pacific	International Forerunner - Japan
Kovarianz	International Forerunner - North America	,088	,088	,046	-,039
	International Forerunner - Europe	,088	,088	,046	-,039
	International Forerunner - Asia/Pacific	,046	,046	,554	-,017
	International Forerunner - Japan	-,039	-,039	-,017	,416
	International Forerunner - South/Latin America	-,020	-,020	,094	-,055
	International Forerunner - Africa	-,020	-,020	,045	-,030
	International Forerunner - China	,011	,011	,106	-,040
Korrelation	International Forerunner - North America	1,000	1,000	,207	-,203
	International Forerunner - Europe	1,000	1,000	,207	-,203
	International Forerunner - Asia/Pacific	,207	,207	1,000	-,035
	International Forerunner - Japan	-,203	-,203	-,035	1,000
	International Forerunner - South/Latin America	-,107	-,107	,201	-,136
	International Forerunner - Africa	-,098	-,098	,089	-,069
	International Forerunner - China	,064	,064	,236	-,103

Gemeinsam Matrizen innerhalb der Gruppen[a]

		International Forerunner - South/Latin America	International Forerunner - Africa	International Forerunner - China
Kovarianz	International Forerunner - North America	-,020	-,020	,011
	International Forerunner - Europe	-,020	-,020	,011
	International Forerunner - Asia/Pacific	,094	,045	,106
	International Forerunner - Japan	-,055	-,030	-,040
	International Forerunner - South/Latin America	,391	,189	,030
	International Forerunner - Africa	,189	,467	,034
	International Forerunner - China	,030	,034	,361
Korrelation	International Forerunner - North America	-,107	-,098	,064
	International Forerunner - Europe	-,107	-,098	,064
	International Forerunner - Asia/Pacific	,201	,089	,236
	International Forerunner - Japan	-,136	-,069	-,103
	International Forerunner - South/Latin America	1,000	,443	,081
	International Forerunner - Africa	,443	1,000	,083
	International Forerunner - China	,081	,083	1,000

a. Die Kovarianzmatrix hat einen Freiheitsgrad von 48.

Kovarianz-Matrizen[a]

Cluster-Nr. des Falls		International Forerunner - North America	International Forerunner - Europe	International Forerunner - Asia/Pacific
1	International Forerunner - North America	,286	,286	,143
	International Forerunner - Europe	,286	,286	,143
	International Forerunner - Asia/Pacific	,143	,143	,238
	International Forerunner - Japan	-,310	-,310	-,405
	International Forerunner - South/Latin America	-,048	-,048	,143
	International Forerunner - Africa	-,048	-,048	,143
	International Forerunner - China	-,048	-,048	,143
2	International Forerunner - North America	,147	,147	,078
	International Forerunner - Europe	,147	,147	,078
	International Forerunner - Asia/Pacific	,078	,078	,928
	International Forerunner - Japan	,000	,000	,118
	International Forerunner - South/Latin America	-,039	-,039	,183
	International Forerunner - Africa	-,039	-,039	,105
	International Forerunner - China	,049	,049	,183
3	International Forerunner - North America	,000	,000	,000
	International Forerunner - Europe	,000	,000	,000
	International Forerunner - Asia/Pacific	,000	,000	,552
	International Forerunner - Japan	,000	,000	-,086
	International Forerunner - South/Latin America	,000	,000	,062
	International Forerunner - Africa	,000	,000	,038
	International Forerunner - China	,000	,000	,043
4	International Forerunner - North America	,000	,000	,000
	International Forerunner - Europe	,000	,000	,000
	International Forerunner - Asia/Pacific	,000	,000	,152
	International Forerunner - Japan	,000	,000	,076
	International Forerunner - South/Latin America	,000	,000	-,030
	International Forerunner - Africa	,000	,000	-,091
	International Forerunner - China	,000	,000	,045

Kovarianz-Matrizen[a]

Cluster-Nr. des Falls		International Forerunner - North America	International Forerunner - Europe	International Forerunner - Asia/Pacific
Gesamt	International Forerunner - North America	,119	,119	,198
	International Forerunner - Europe	,119	,119	,198
	International Forerunner - Asia/Pacific	,198	,198	1,428
	International Forerunner - Japan	,111	,111	,702
	International Forerunner - South/Latin America	,090	,090	,896
	International Forerunner - Africa	,055	,055	,607
	International Forerunner - China	,142	,142	,929

Kovarianz-Matrizen[a]

Cluster-Nr. des Falls		International Forerunner - Japan	International Forerunner - South/Latin America
1	International Forerunner - North America	-,310	-,048
	International Forerunner - Europe	-,310	-,048
	International Forerunner - Asia/Pacific	-,405	,143
	International Forerunner - Japan	,905	-,143
	International Forerunner - South/Latin America	-,143	,286
	International Forerunner - Africa	-,143	,286
	International Forerunner - China	-,143	,286
2	International Forerunner - North America	,000	-,039
	International Forerunner - Europe	,000	-,039
	International Forerunner - Asia/Pacific	,118	,183
	International Forerunner - Japan	,471	-,059
	International Forerunner - South/Latin America	-,059	,261
	International Forerunner - Africa	-,059	,065
	International Forerunner - China	-,059	,026
3	International Forerunner - North America	,000	,000
	International Forerunner - Europe	,000	,000
	International Forerunner - Asia/Pacific	-,086	,062
	International Forerunner - Japan	,400	-,043
	International Forerunner - South/Latin America	-,043	,210
	International Forerunner - Africa	,029	,090
	International Forerunner - China	,014	-,014
4	International Forerunner - North America	,000	,000
	International Forerunner - Europe	,000	,000
	International Forerunner - Asia/Pacific	,076	-,030
	International Forerunner - Japan	,083	-,015
	International Forerunner - South/Latin America	-,015	,879
	International Forerunner - Africa	,000	,455
	International Forerunner - China	-,023	-,045

Kovarianz-Matrizen[a]

Cluster-Nr. des Falls		International Forerunner - Japan	International Forerunner - South/Latin America
Gesamt	International Forerunner - North America	,111	,090
	International Forerunner - Europe	,111	,090
	International Forerunner - Asia/Pacific	,702	,896
	International Forerunner - Japan	1,030	,487
	International Forerunner - South/Latin America	,487	1,279
	International Forerunner - Africa	,331	,864
	International Forerunner - China	,641	,597

Kovarianz-Matrizen[a]

Cluster-Nr. des Falls		International Forerunner - Africa	International Forerunner - China
1	International Forerunner - North America	-,048	-,048
	International Forerunner - Europe	-,048	-,048
	International Forerunner - Asia/Pacific	,143	,143
	International Forerunner - Japan	-,143	-,143
	International Forerunner - South/Latin America	,286	,286
	International Forerunner - Africa	,286	,286
	International Forerunner - China	,286	,286
2	International Forerunner - North America	-,039	,049
	International Forerunner - Europe	-,039	,049
	International Forerunner - Asia/Pacific	,105	,183
	International Forerunner - Japan	-,059	-,059
	International Forerunner - South/Latin America	,065	,026
	International Forerunner - Africa	,105	,065
	International Forerunner - China	,065	,526
3	International Forerunner - North America	,000	,000
	International Forerunner - Europe	,000	,000
	International Forerunner - Asia/Pacific	,038	,043
	International Forerunner - Japan	,029	,014
	International Forerunner - South/Latin America	,090	-,014
	International Forerunner - Africa	,210	-,086
	International Forerunner - China	-,086	,314
4	International Forerunner - North America	,000	,000
	International Forerunner - Europe	,000	,000
	International Forerunner - Asia/Pacific	-,091	,045
	International Forerunner - Japan	,000	-,023
	International Forerunner - South/Latin America	,455	-,045
	International Forerunner - Africa	1,455	,000
	International Forerunner - China	,000	,205

Kovarianz-Matrizen[a]

Cluster-Nr. des Falls		International Forerunner - Africa	International Forerunner - China
Gesamt	International Forerunner - North America	,055	,142
	International Forerunner - Europe	,055	,142
	International Forerunner - Asia/Pacific	,607	,929
	International Forerunner - Japan	,331	,641
	International Forerunner - South/Latin America	,864	,597
	International Forerunner - Africa	,969	,356
	International Forerunner - China	,356	1,508

a. Die Kovarianzmatrix für alle Fälle hat einen Freiheitsgrad von 51.

Analyse 1

Durch den Toleranztest gefallene Variablen[a]

	Varianz innerhalb der Gruppen	Toleranz	Minimale Toleranz
International Forerunner - Europe	,088	,000	,000

Alle Variablen, die die Toleranzkriterien erfüllen, werden gleichzeitig eingegeben.

a. Minimales Toleranzniveau ist ,001.

Zusammenfassung der kanonischen Diskriminanzfunktionen

Eigenwerte

Funktion	Eigenwert	% der Varianz	Kumulierte %	Kanonische Korrelation
1	7,689[a]	77,8	77,8	,941
2	1,678[a]	17,0	94,8	,792
3	,516[a]	5,2	100,0	,583

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	,028	163,911	18	,000
2 bis 3	,246	64,455	10	,000
3	,660	19,134	4	,001

Standardisierte kanonische Diskriminanzfunktionskoeffizienten

	Funktion		
	1	2	3
International Forerunner - North America	,315	,133	,558
International Forerunner - Asia/Pacific	,198	,157	,105
International Forerunner - Japan	,633	,028	,590
International Forerunner - South/Latin America	,467	,471	-,350
International Forerunner - Africa	,101	,378	-,111
International Forerunner - China	,537	-,766	-,377

Struktur-Matrix

	Funktion		
	1	2	3
International Forerunner - Asia/Pacific	,471*	,131	,030
International Forerunner - China	,586	-,654*	-,415
International Forerunner - South/Latin America	,475	,590*	-,549
International Forerunner - Africa	,295	,522*	-,383
International Forerunner - Japan	,437	-,016	,568*
International Forerunner - North America	,203	,023	,485*
International Forerunner - Europe[a]	,203	,023	,485*

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

a. Diese Variable wird in der Analyse nicht verwendet.

Kanonische Diskriminanzfunktionskoeffizienten

	Funktion		
	1	2	3
International Forerunner - North America	1,064	,450	1,885
International Forerunner - Asia/Pacific	,266	,211	,140
International Forerunner - Japan	,982	,044	,916
International Forerunner - South/Latin America	,747	,754	-,560
International Forerunner - Africa	,148	,552	-,162
International Forerunner - China	,895	-1,276	-,629
(Konstant)	-11,045	-,630	-8,092

Nicht-standardisierte Koeffizienten

Funktionen bei den Gruppen-Zentroiden

Cluster-Nr. des Falls	Funktion 1	2	3
1	-5,179	1,130	-,932
2	-,477	-1,693	,058
3	-,084	1,023	,923
4	3,842	,601	-,697

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

Klassifizierungsstatistiken

Zusammenfassung der Verarbeitung von Klassifizierungen

Verarbeitet		54
Ausgeschlossen	Fehlende oder außerhalb des Bereichs liegende Gruppencodes	0
	Wenigstens eine Diskriminanzvariable fehlt	2
In der Ausgabe verwendet		52

A-priori-Wahrscheinlichkeiten der Gruppen

Cluster-Nr. des Falls	A-priori	In der Analyse verwendete Fälle: Ungewichtet	Gewichtet
1	,250	7	7,000
2	,250	18	18,000
3	,250	15	15,000
4	,250	12	12,000
Gesamt	1,000	52	52,000

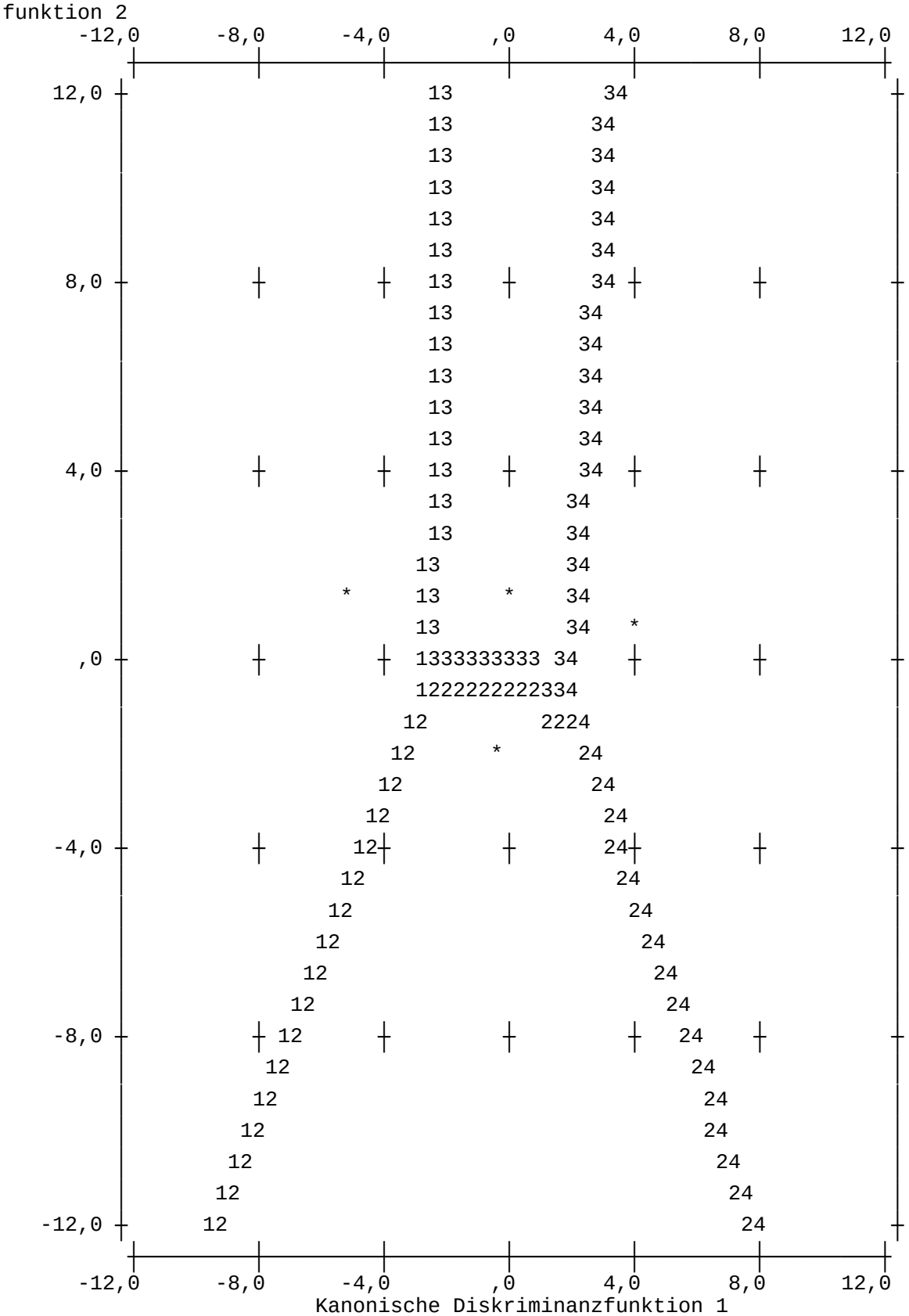
Klassifizierungsfunktionskoeffizienten

	Cluster-Nr. des Falls 1	2	3	4
International Forerunner - North America	45,567	51,164	54,435	55,368
International Forerunner - Asia/Pacific	-3,311	-2,516	-1,718	-,991
International Forerunner - Japan	8,013	13,413	14,710	17,062
International Forerunner - South/Latin America	4,344	5,170	7,027	10,548
International Forerunner - Africa	1,855	,831	2,250	2,860
International Forerunner - China	1,059	8,248	4,590	9,660
(Konstant)	-85,024	-130,252	-142,718	-179,552

Lineare Diskriminanzfunktionen nach Fisher

Territorien

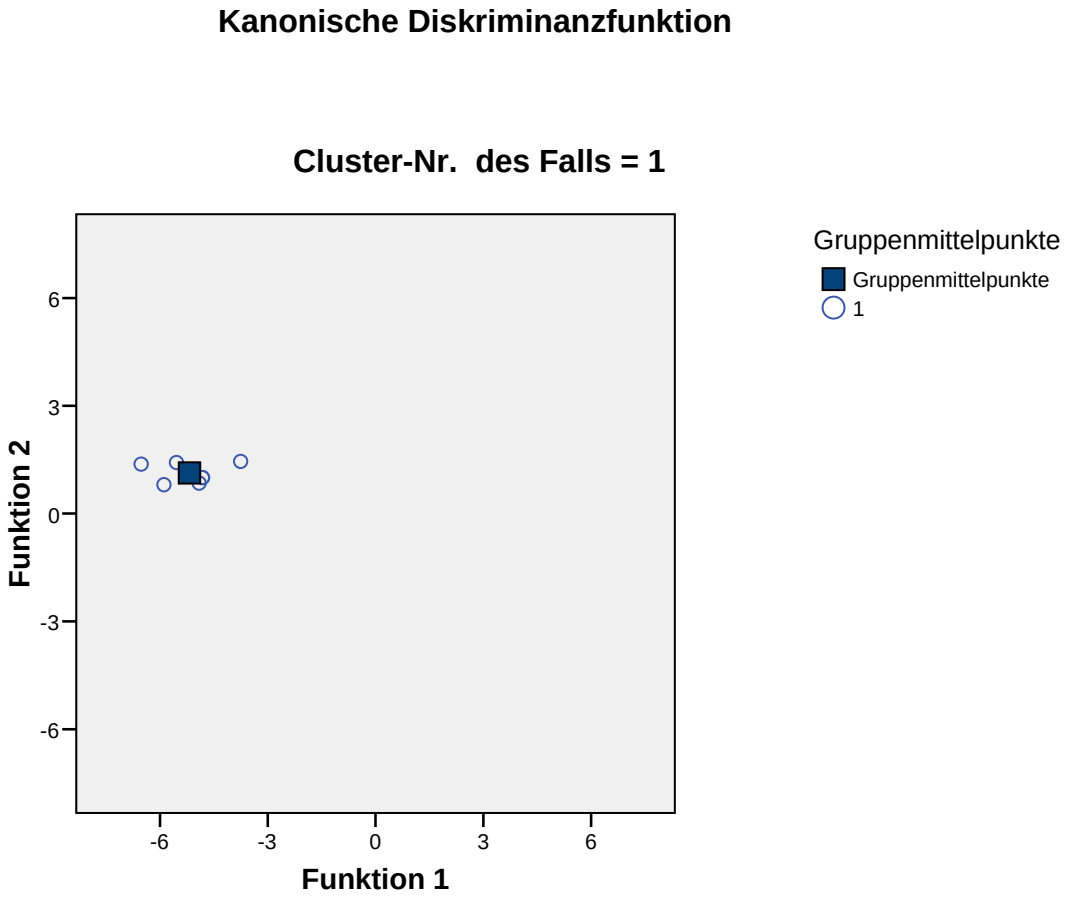
(Annahme: alle Funktionen außer der ersten zwei sind gleich null.)



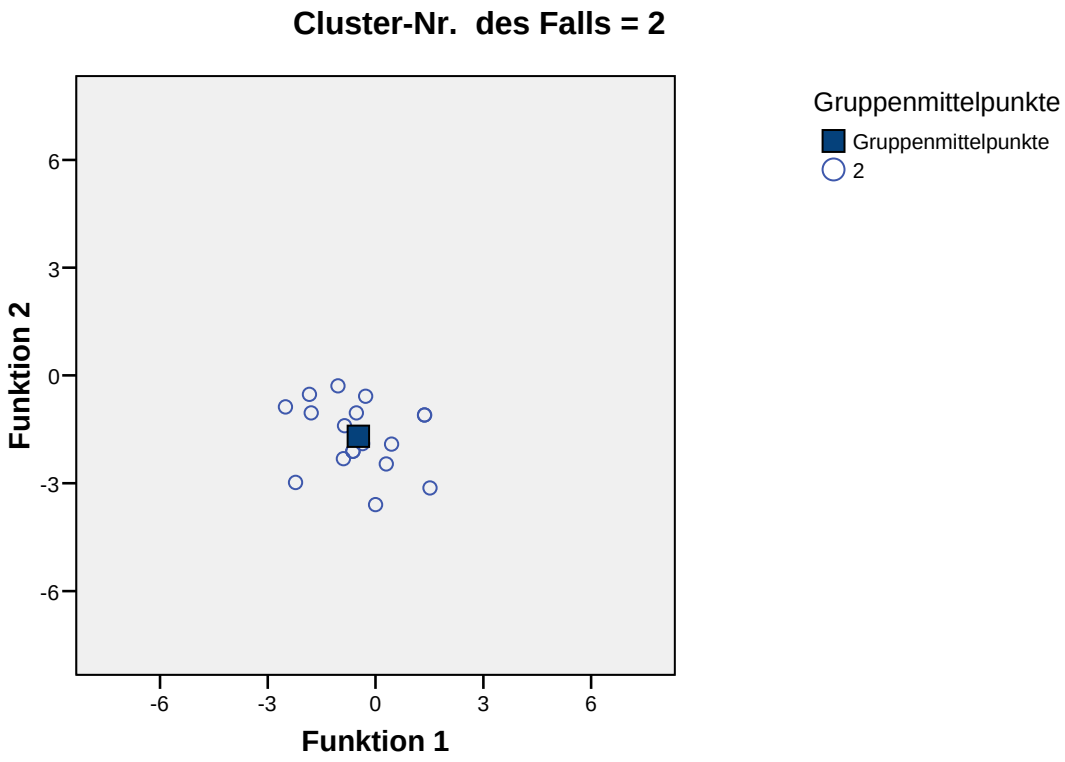
Symbole für Territorien

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

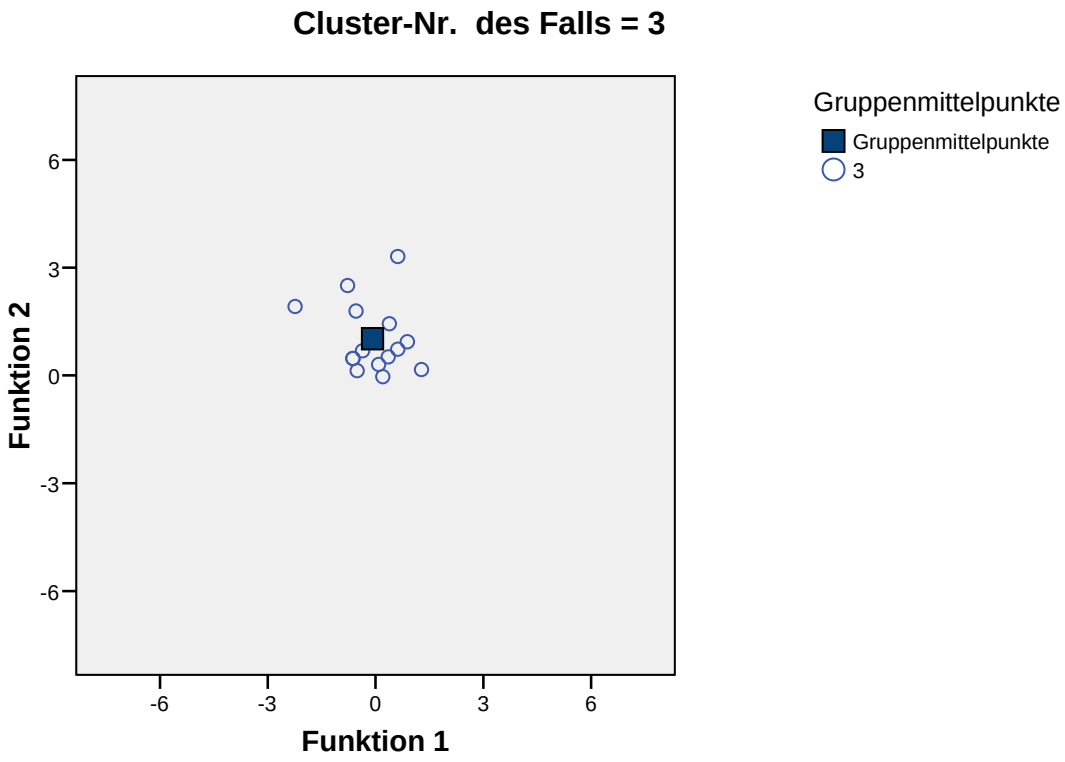
Graphische Darstellung getrennter Gruppen



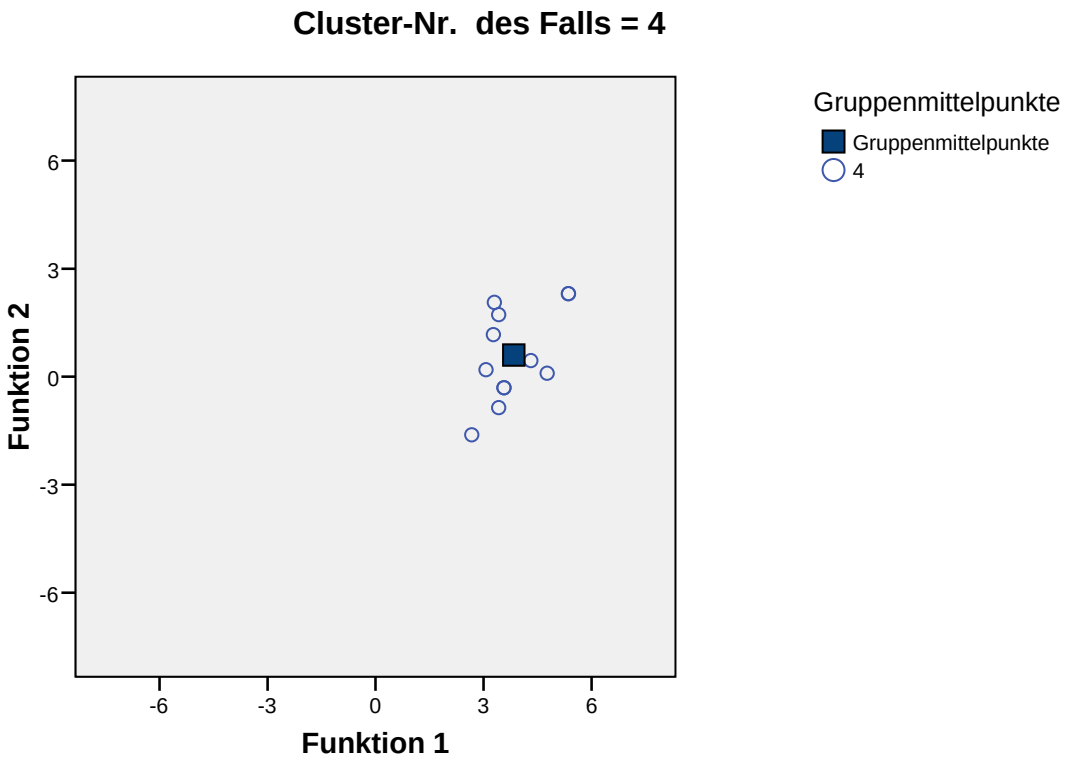
Kanonische Diskriminanzfunktion



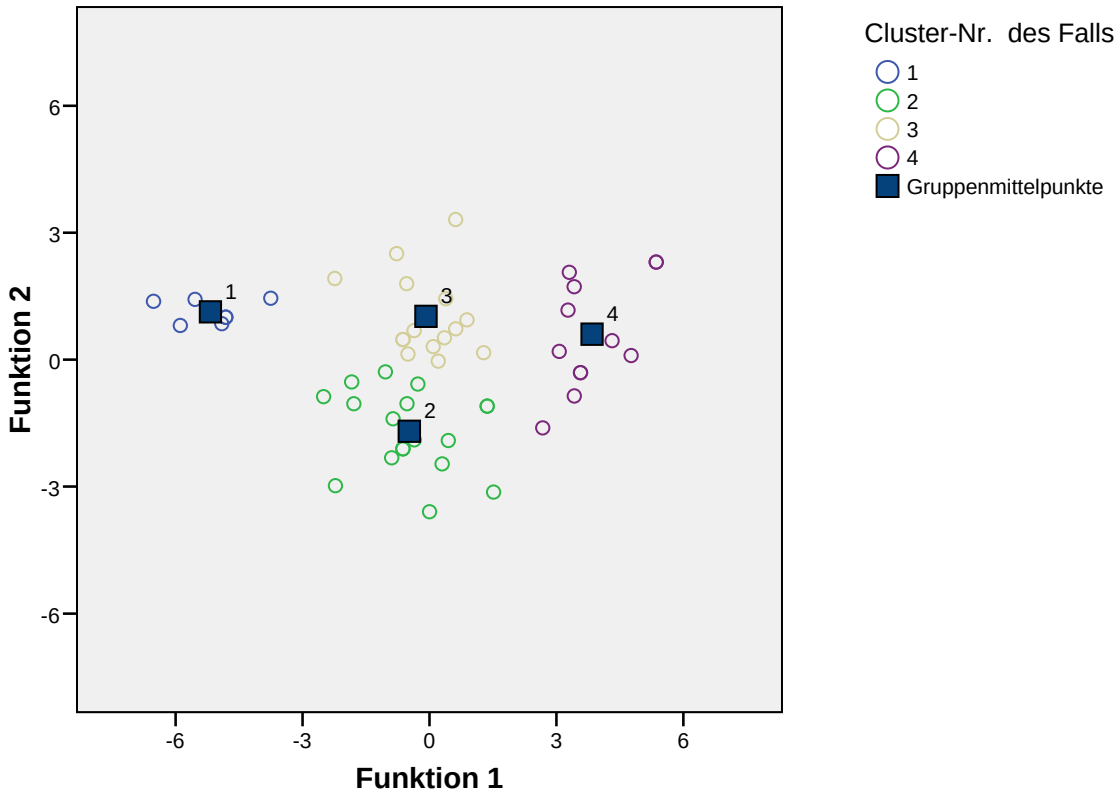
Kanonische Diskriminanzfunktion



Kanonische Diskriminanzfunktion



Kanonische Diskriminanzfunktion



Klassifizierungsergebnisse[b,c]

		Cluster-Nr. des Falls	Vorhergesagte Gruppenzugehörigkeit		
			1	2	3
Original	Anzahl	1	7	0	0
		2	0	17	1
		3	0	0	15
		4	0	0	0
	%	1	100,0	,0	,0
		2	,0	94,4	5,6
		3	,0	,0	100,0
		4	,0	,0	,0
Kreuzvalidiert[a]	Anzahl	1	7	0	0
		2	0	16	2
		3	0	0	15
		4	0	1	0
	%	1	100,0	,0	,0
		2	,0	88,9	11,1
		3	,0	,0	100,0
		4	,0	8,3	,0

Klassifizierungsergebnisse[b,c]

			Vorherges	
		Cluster-Nr. des Falls	4	Gesamt
Original	Anzahl	1	0	7
		2	0	18
		3	0	15
		4	12	12
	%	1	,0	100,0
		2	,0	100,0
		3	,0	100,0
		4	100,0	100,0
Kreuzvalidiert[a]	Anzahl	1	0	7
		2	0	18
		3	0	15
		4	11	12
	%	1	,0	100,0
		2	,0	100,0
		3	,0	100,0
		4	91,7	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. 98,1% der ursprünglich gruppierten Fälle wurden korrekt klassifiziert.

c. 94,2% der kreuzvalidierten gruppierten Fälle wurden korrekt klassifiziert.

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