Häufigkeiten

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Statistiken

		Field of Study	Field of Study Comprised
N	Gültig	80	80
	Fehlend	0	0

Häufigkeitstabelle

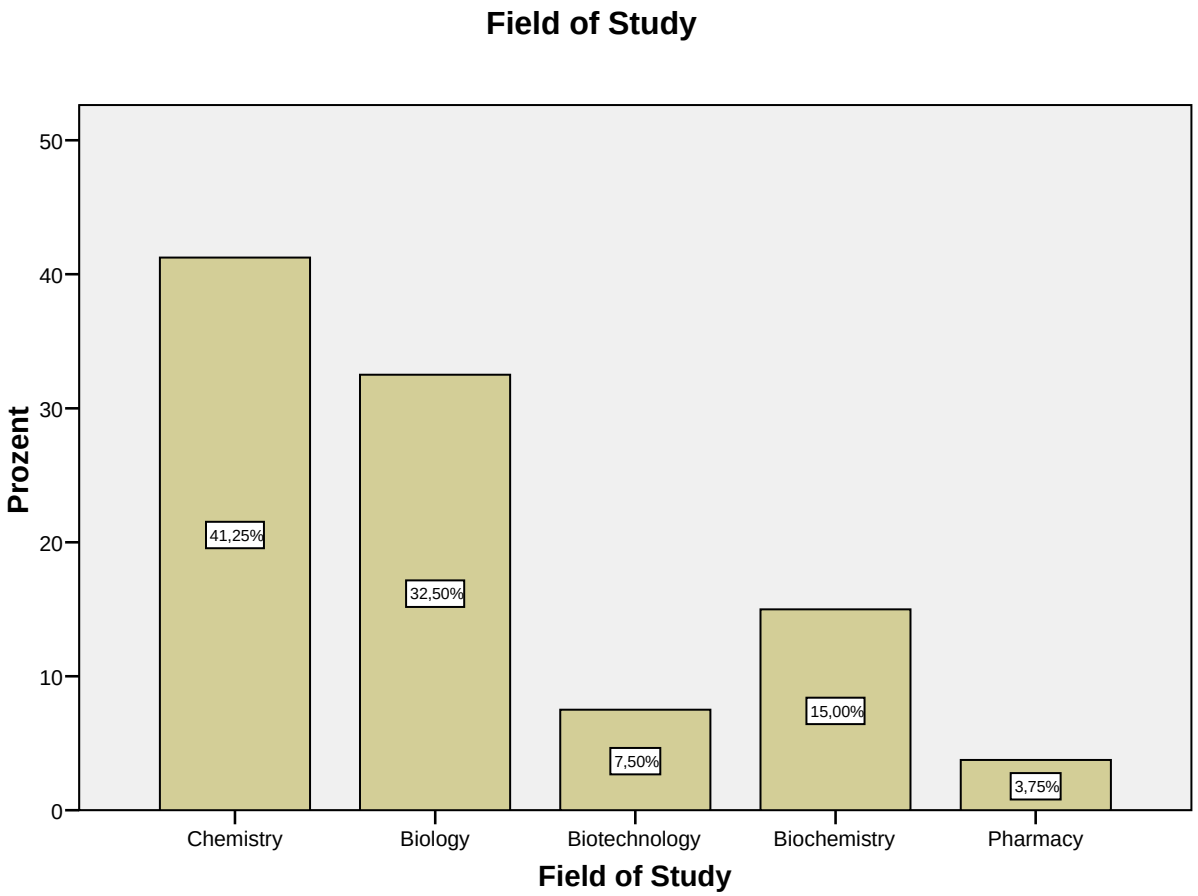
Field of Study

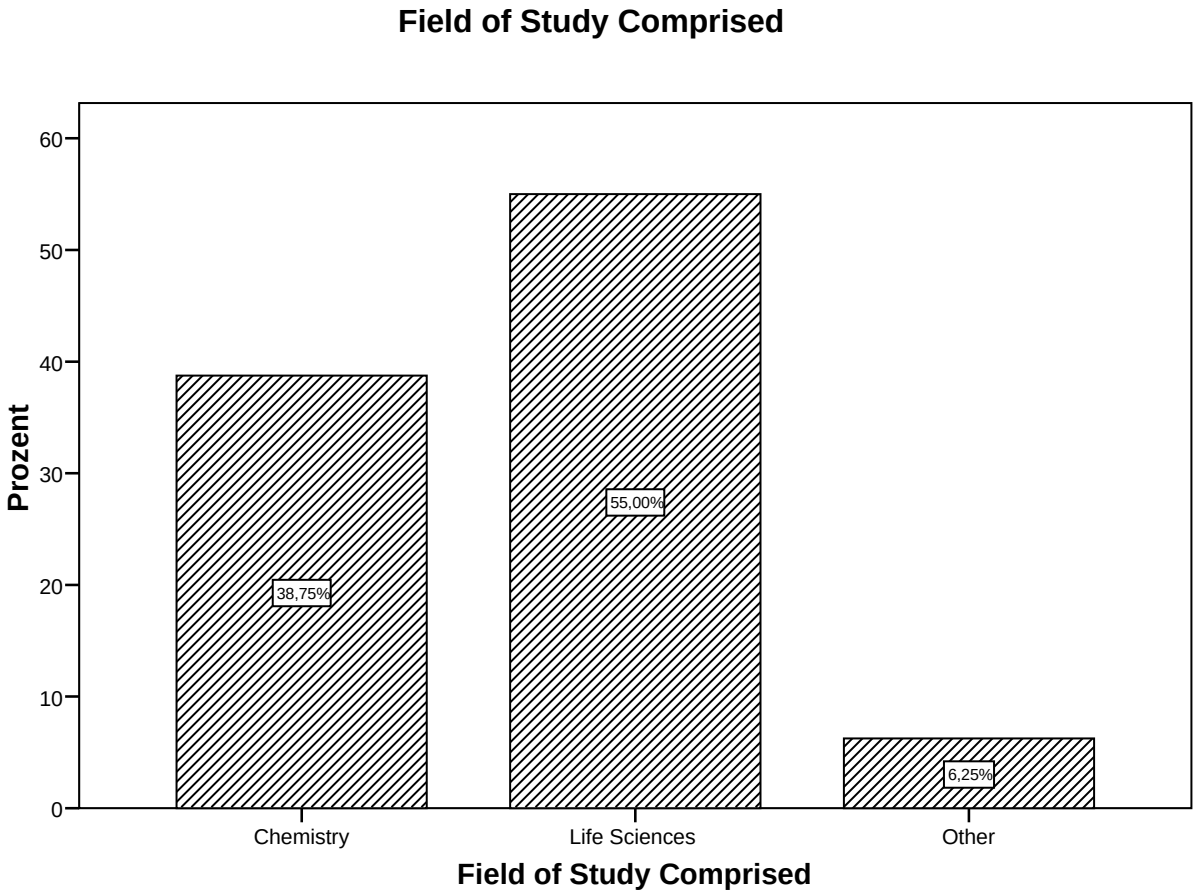
		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	Chemistry	33	41,3	41,3	41,3
	Biology	26	32,5	32,5	73,8
	Biotechnology	6	7,5	7,5	81,3
	Biochemistry	12	15,0	15,0	96,3
	Pharmacy	3	3,8	3,8	100,0
	Gesamt	80	100,0	100,0	

Field of Study Comprised

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	Chemistry	31	38,8	38,8	38,8
	Life Sciences	44	55,0	55,0	93,8
	Other	5	6,3	6,3	100,0
	Gesamt	80	100,0	100,0	

Balkendiagramm


Field of Study
Prozent
50
40
30
20
10
0
41,25%
32,50%
7,50%
15,00%
3,75%
Chemistry
Biology
Biotechnology
Biochemistry
Pharmacy
Field of Study



Häufigkeiten

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

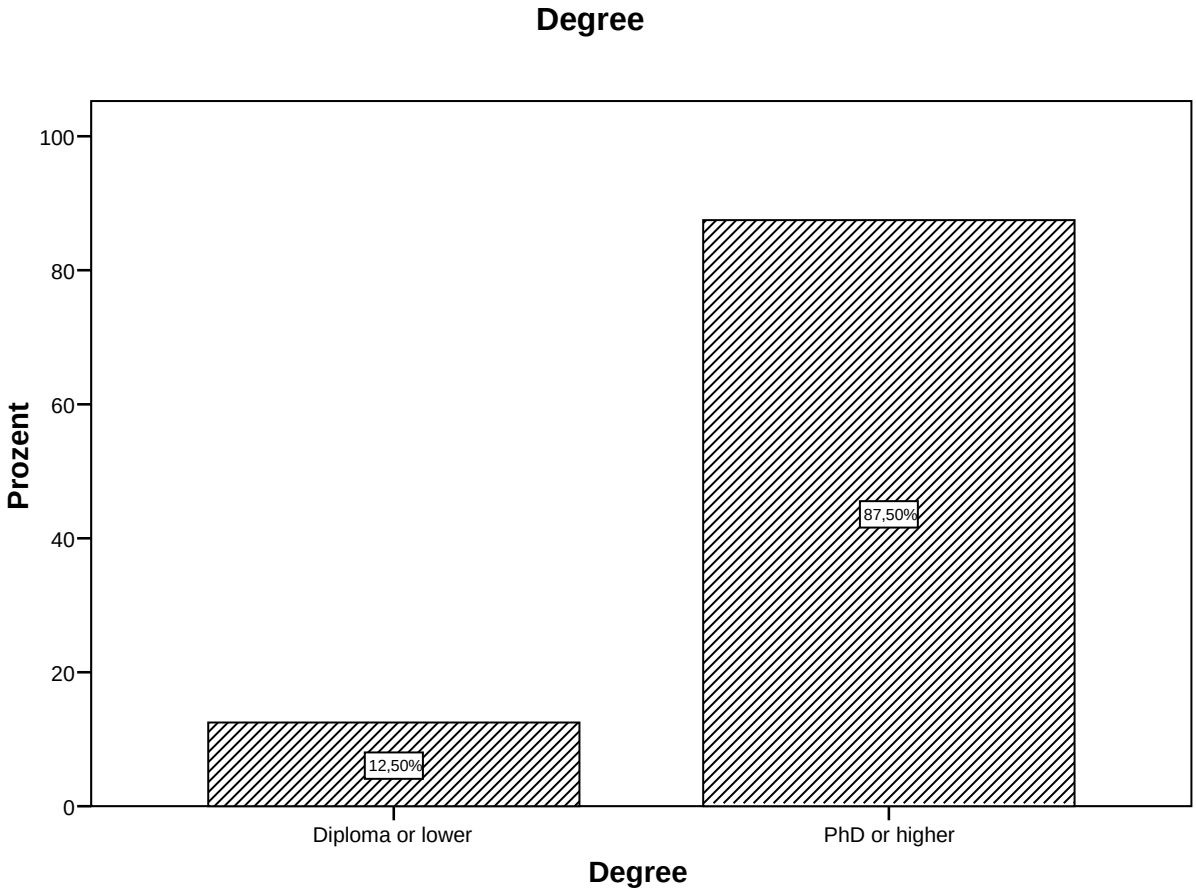
Statistiken

Degree

N	Gültig	80
	Fehlend	0

Degree

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	Diploma or lower	10	12,5	12,5	12,5
	PhD or higher	70	87,5	87,5	100,0
	Gesamt	80	100,0	100,0	



Nichtparametrische Tests

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Chi-Quadrat-Test

Häufigkeiten

Time for Scientific Information Process

	Beobachtetes N	Erwartete Anzahl	Residuum
< 5%	24	20,0	4,0
5-10%	32	20,0	12,0
10-20%	17	20,0	-3,0
> 20%	7	20,0	-13,0
Gesamt	80		

Statistik für Test

	Time for Scientific Information Process
Chi-Quadrat[a]	16,900
df	3
Asymptotische Signifikanz	,001

a. Bei 0 Zellen (,0%) werden weniger als 5 Häufigkeiten erwartet. Die kleinste erwartete Zellenhäufigkeit ist 20,0.

Tabellen

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

	not at all	rarely	mediocre	quite	extraordinary
	Anzahl	Anzahl	Anzahl	Anzahl	Anzahl
Information Process Focus I&D	0	4	5	28	43
Information Process Focus F&A	0	0	6	25	49
Information Process Focus E&S	0	0	6	26	48
Information Process Focus A&O	0	0	11	35	34
Information Process Focus A&C	0	0	7	36	37
Information Process Focus L&L	0	0	2	21	57

Explorative Datenanalyse

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Verarbeitete Fälle

	Fälle					
	Gültig		Fehlend		Gesamt	
	N	Prozent	N	Prozent	N	Prozent
Information Process Focus I&D	80	100,0%	0	,0%	80	100,0%
Information Process Focus F&A	80	100,0%	0	,0%	80	100,0%
Information Process Focus E&S	80	100,0%	0	,0%	80	100,0%
Information Process Focus A&O	80	100,0%	0	,0%	80	100,0%
Information Process Focus A&C	80	100,0%	0	,0%	80	100,0%
Information Process Focus L&L	80	100,0%	0	,0%	80	100,0%

Deskriptive Statistik

			Statistik	Standardfehler
Information Process Focus I&D	Mittelwert		3,38	,091
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,19	
		Obergrenze	3,56	
	5% getrimmtes Mittel		3,47	
	Median		4,00	
	Varianz		,668	
	Standardabweichung		,817	
	Minimum		1	
	Maximum		4	
	Spannweite		3	
	Interquartilbereich		1	
	Schiefe		-1,370	,269
	Kurtosis		1,546	,532
Information Process Focus F&A	Mittelwert		3,54	,071
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,40	
		Obergrenze	3,68	
	5% getrimmtes Mittel		3,60	
	Median		4,00	
	Varianz		,404	
	Standardabweichung		,635	
	Minimum		2	
	Maximum		4	
	Spannweite		2	
	Interquartilbereich		1	
	Schiefe		-1,055	,269
	Kurtosis		,056	,532
Information Process Focus E&S	Mittelwert		3,53	,071
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,38	
		Obergrenze	3,67	
	5% getrimmtes Mittel		3,58	
	Median		4,00	
	Varianz		,404	
	Standardabweichung		,636	
	Minimum		2	
	Maximum		4	
	Spannweite		2	
	Interquartilbereich		1	
	Schiefe		-1,004	,269
	Kurtosis		-,039	,532

Deskriptive Statistik

			Statistik	Standardfehler
Information Process Focus A&O	Mittelwert		3,29	,078
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,13	
		Obergrenze	3,44	
	5% getrimmtes Mittel		3,32	
	Median		3,00	
	Varianz		,486	
	Standardabweichung		,697	
	Minimum		2	
	Maximum		4	
	Spannweite		2	
	Interquartilbereich		1	
	Schiefe		-,460	,269
	Kurtosis		-,848	,532
Information Process Focus A&C	Mittelwert		3,38	,072
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,23	
		Obergrenze	3,52	
	5% getrimmtes Mittel		3,42	
	Median		3,00	
	Varianz		,415	
	Standardabweichung		,644	
	Minimum		2	
	Maximum		4	
	Spannweite		2	
	Interquartilbereich		1	
	Schiefe		-,538	,269
	Kurtosis		-,624	,532
Information Process Focus L&L	Mittelwert		3,69	,058
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,57	
		Obergrenze	3,80	
	5% getrimmtes Mittel		3,74	
	Median		4,00	
	Varianz		,268	
	Standardabweichung		,518	
	Minimum		2	
	Maximum		4	
	Spannweite		2	
	Interquartilbereich		1	
	Schiefe		-1,374	,269
	Kurtosis		,956	,532

Tests auf Normalverteilung

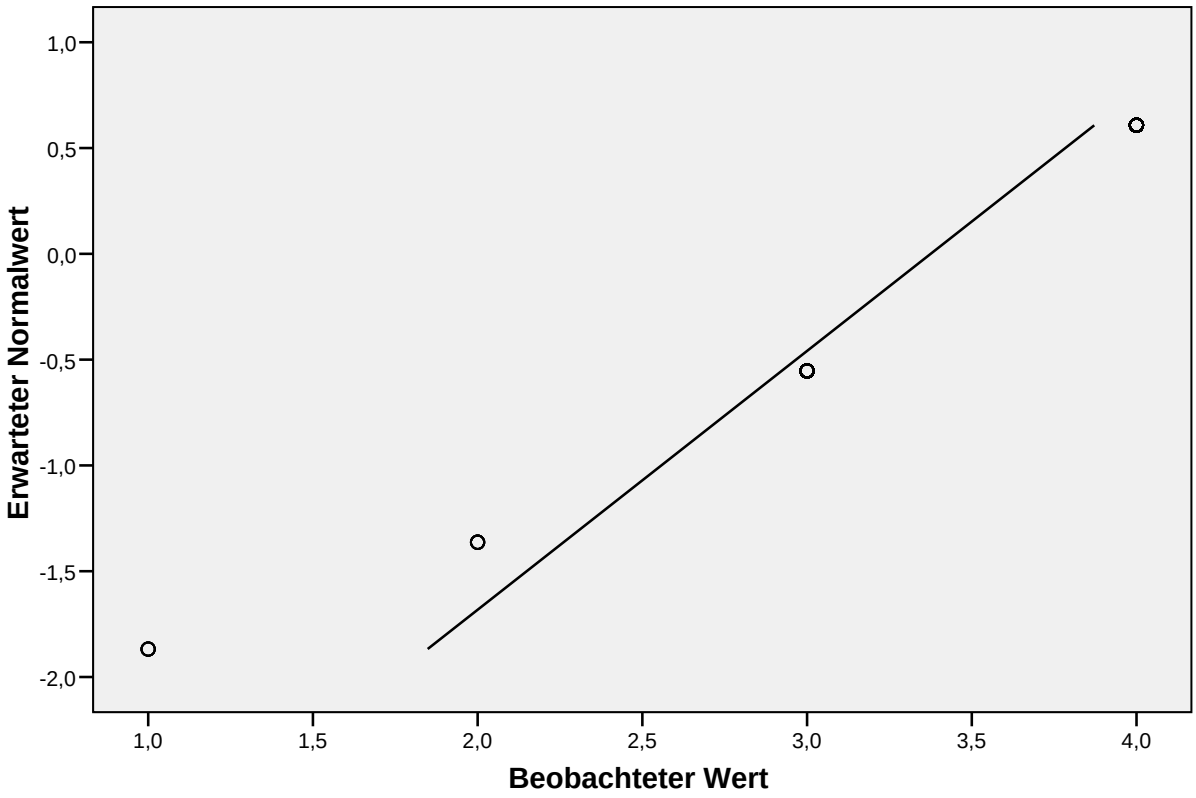
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistik	df	Signifikanz	Statistik	df	Signifikanz
Information Process Focus I&D	,315	80	,000	,726	80	,000
Information Process Focus F&A	,379	80	,000	,691	80	,000
Information Process Focus E&S	,372	80	,000	,698	80	,000
Information Process Focus A&O	,272	80	,000	,780	80	,000
Information Process Focus A&C	,297	80	,000	,756	80	,000
Information Process Focus L&L	,439	80	,000	,604	80	,000

a. Signifikanzkorrektur nach Lilliefors

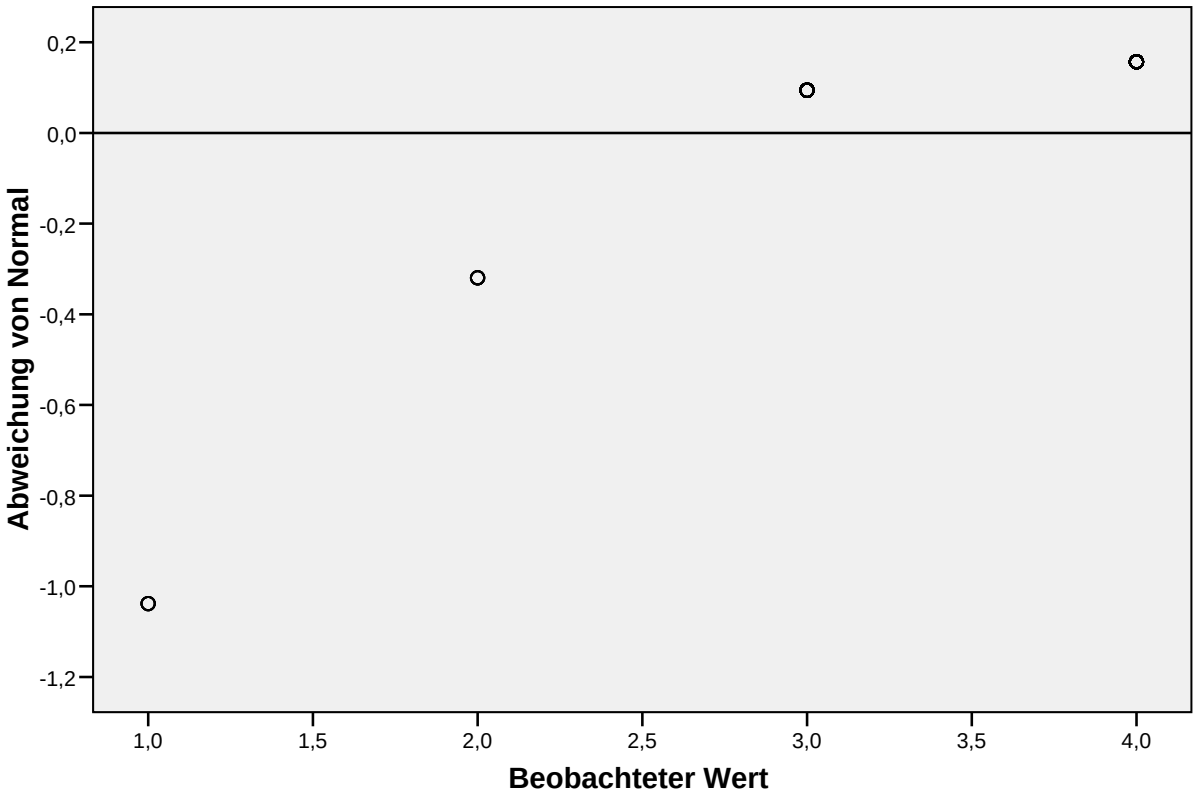
Information Process Focus I&D

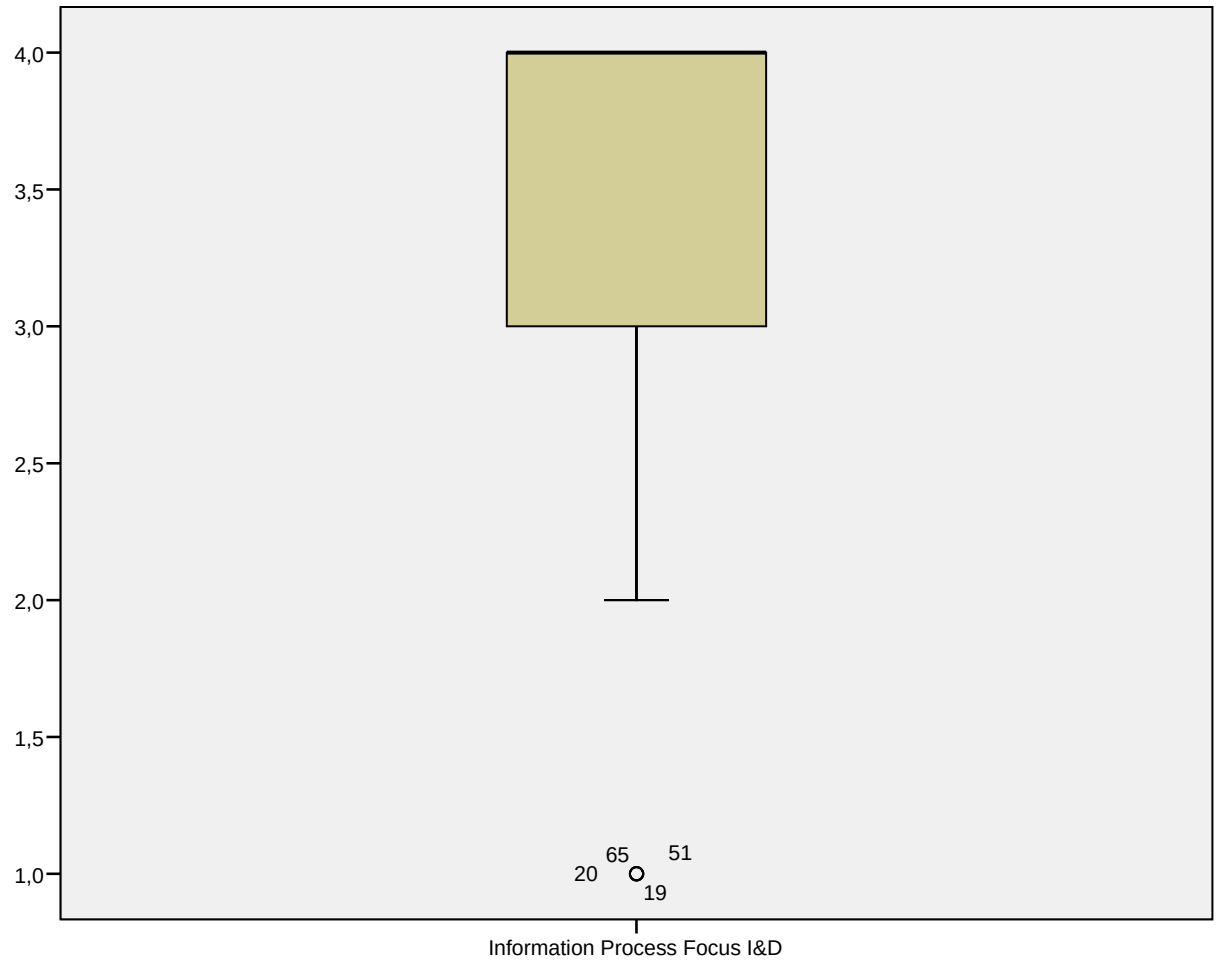
```
Information Process Focus I&D Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     4,00 Extremes    (=<1,0)
     5,00        2 .  00000
      ,00        2 .
    28,00        3 .  0000000000000000000000000000
      ,00        3 .
    43,00        4 .  0000000000000000000000000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```

Q-Q-Diagramm von Information Process Focus I&D



Trendbereinigtes Q-Q-Diagramm von Information Process Focus I&D

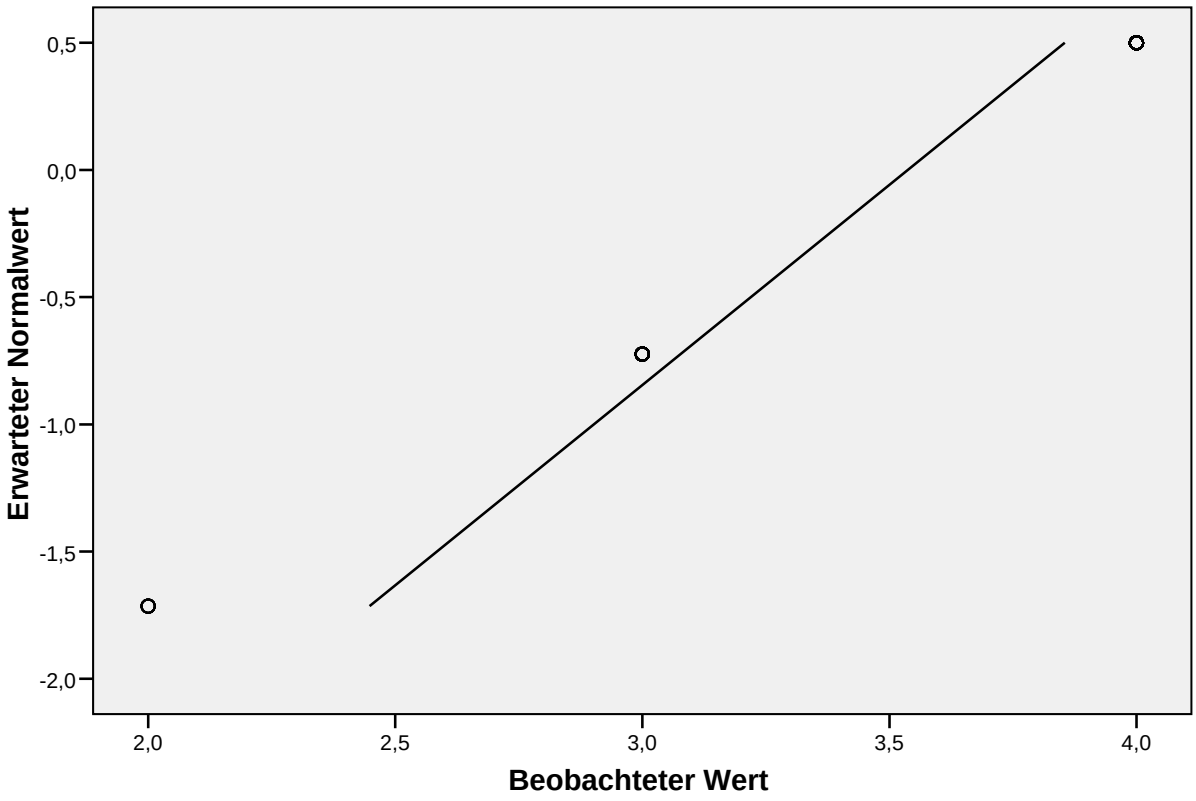




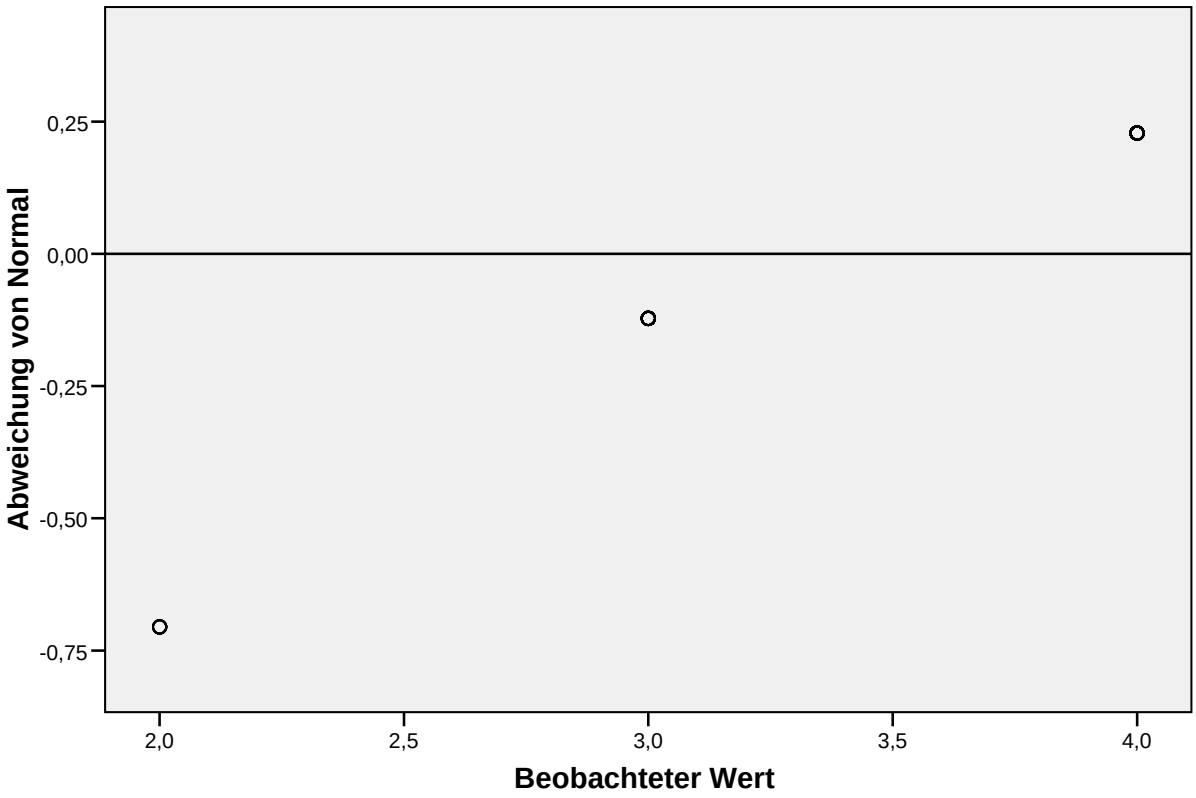
Information Process Focus F&A

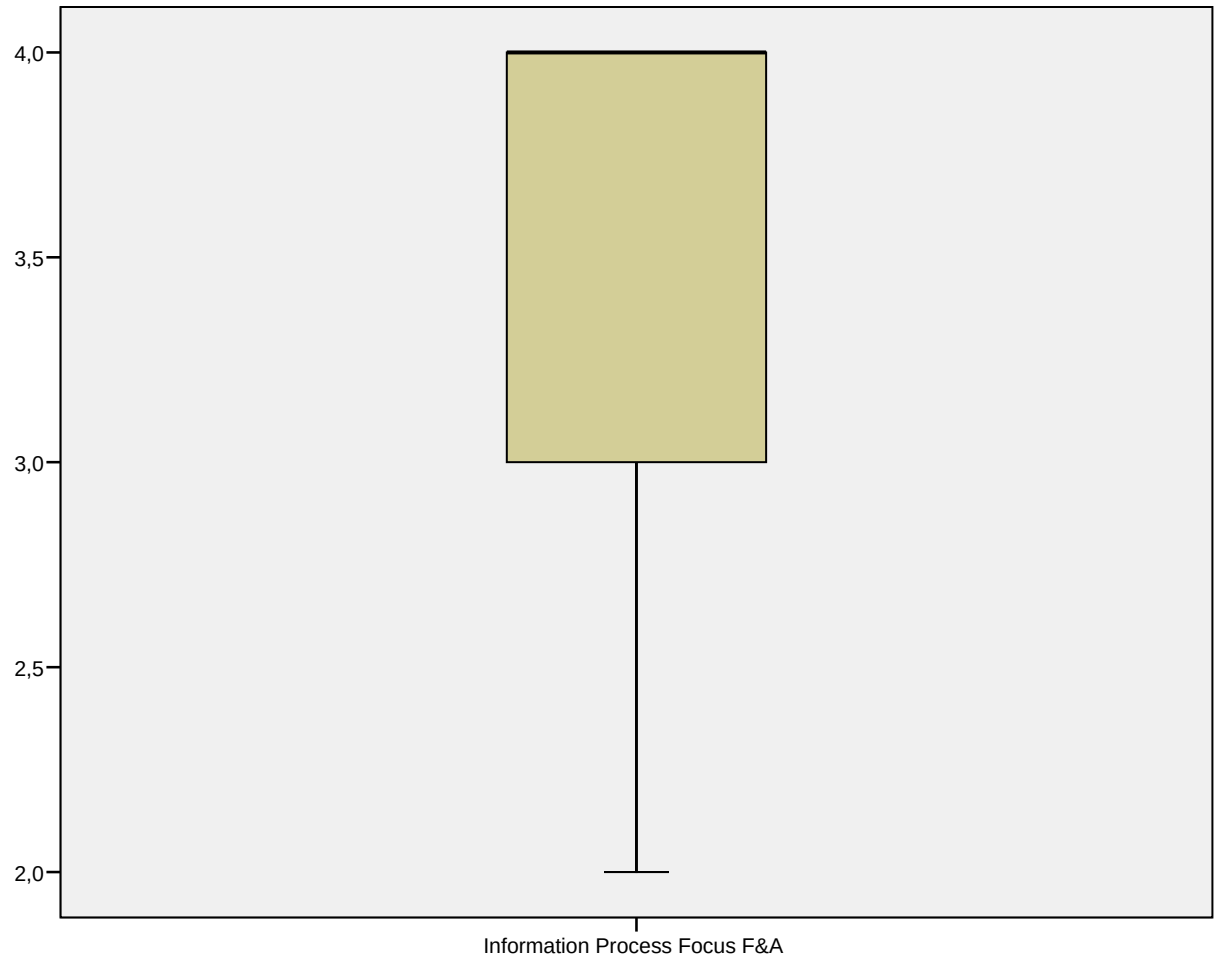
```
Information Process Focus F&A Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     6,00        2 .  000000
      ,00        2 .
    25,00        3 .  0000000000000000000000000
      ,00        3 .
    49,00        4 .  0000000000000000000000000000000000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```

Q-Q-Diagramm von Information Process Focus F&A



Trendbereinigtes Q-Q-Diagramm von Information Process Focus F&A

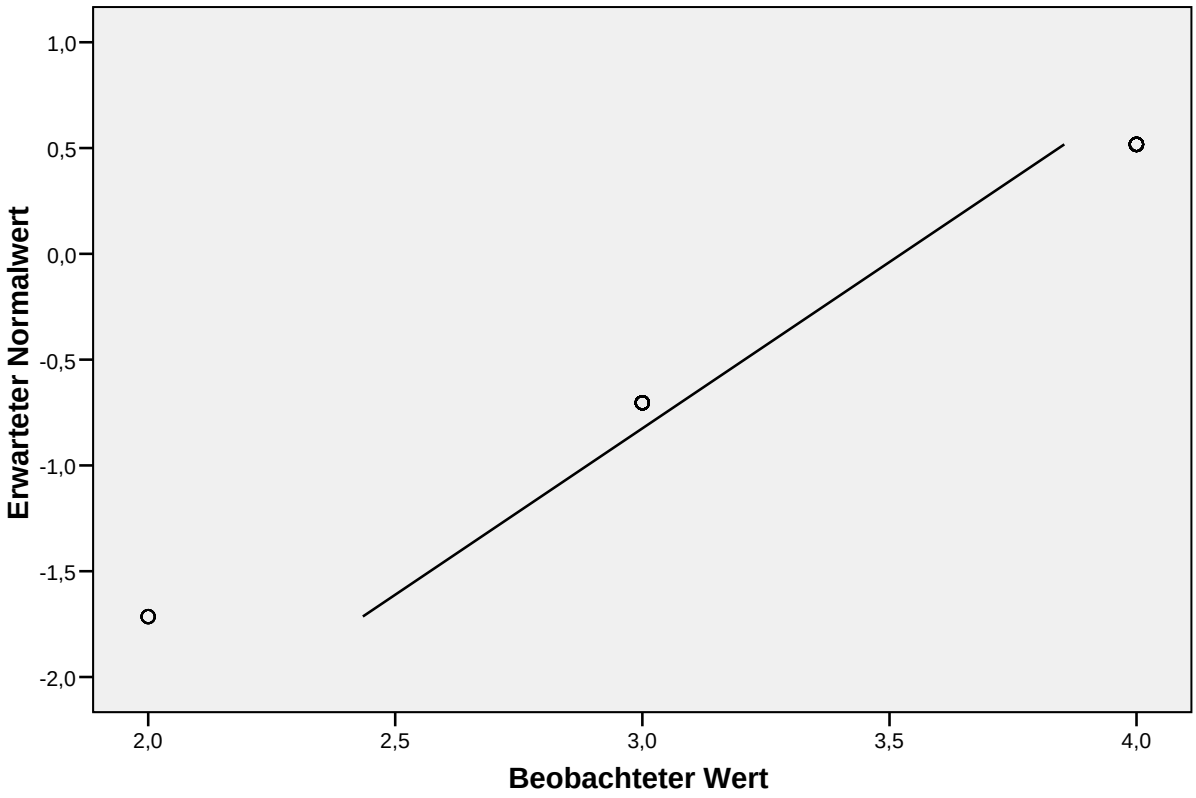




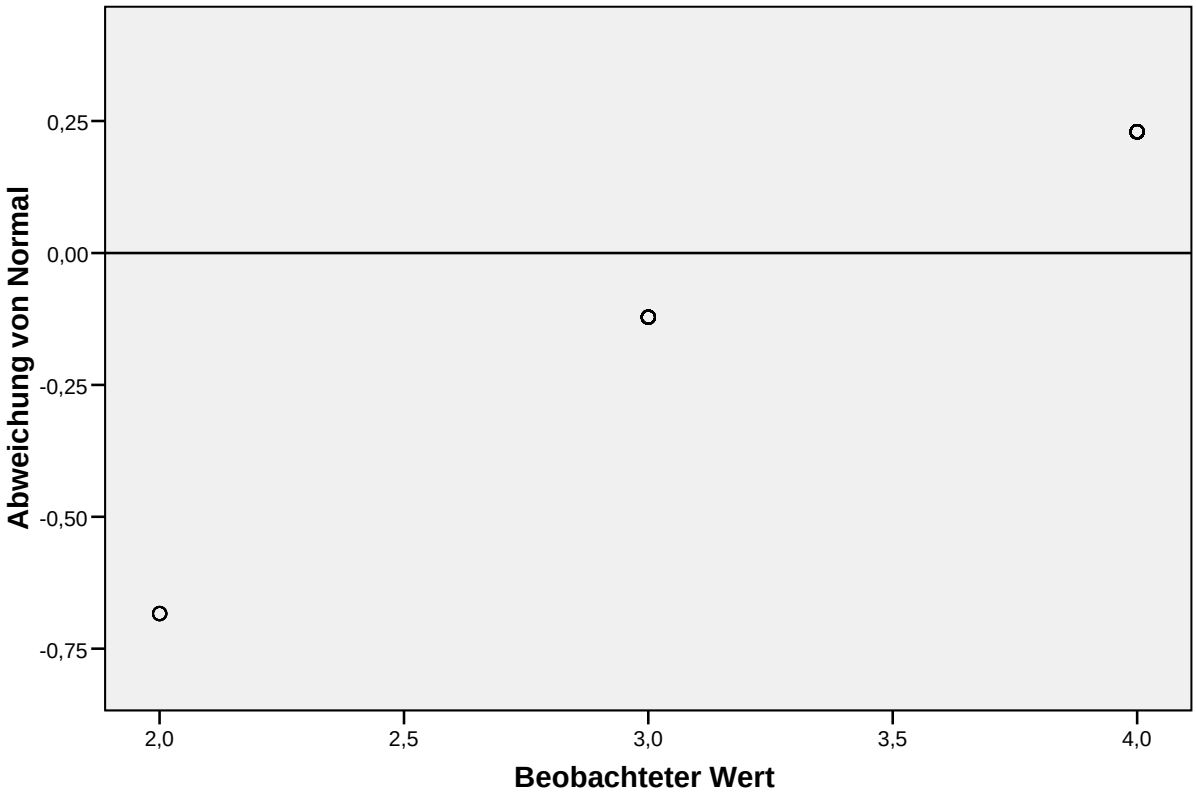
Information Process Focus E&S

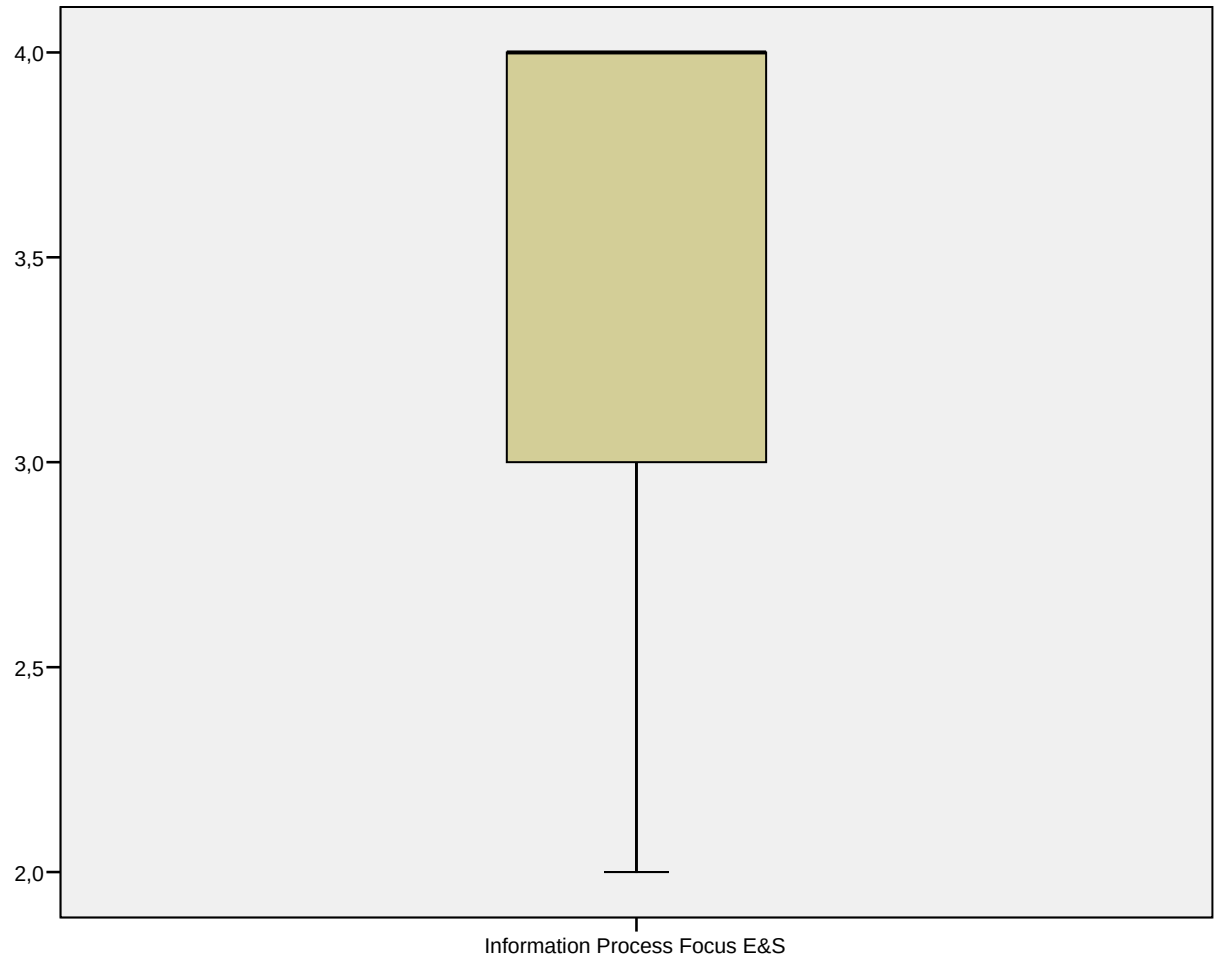
```
Information Process Focus E&S Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     6,00        2 .  000000
      ,00        2 .
    26,00        3 .  00000000000000000000000000
      ,00        3 .
    48,00        4 .  000000000000000000000000000000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```

Q-Q-Diagramm von Information Process Focus E&S



Trendbereinigtes Q-Q-Diagramm von Information Process Focus E&S

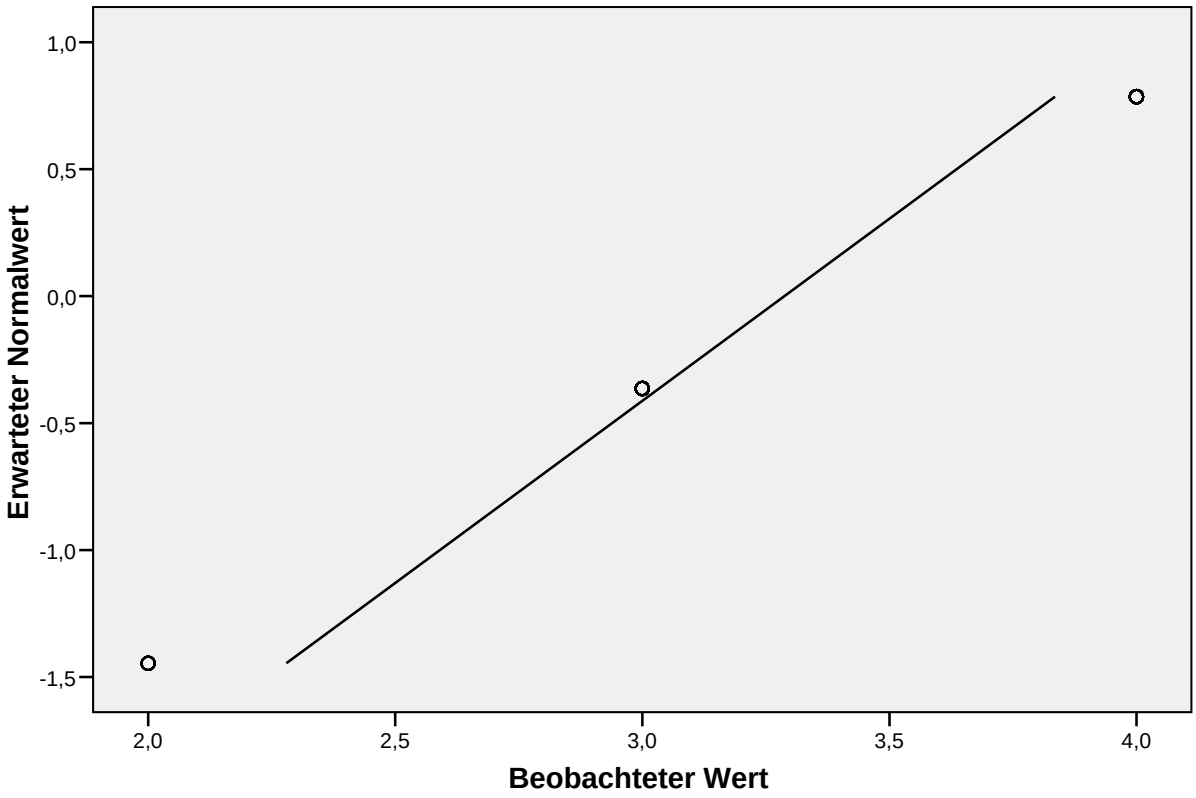




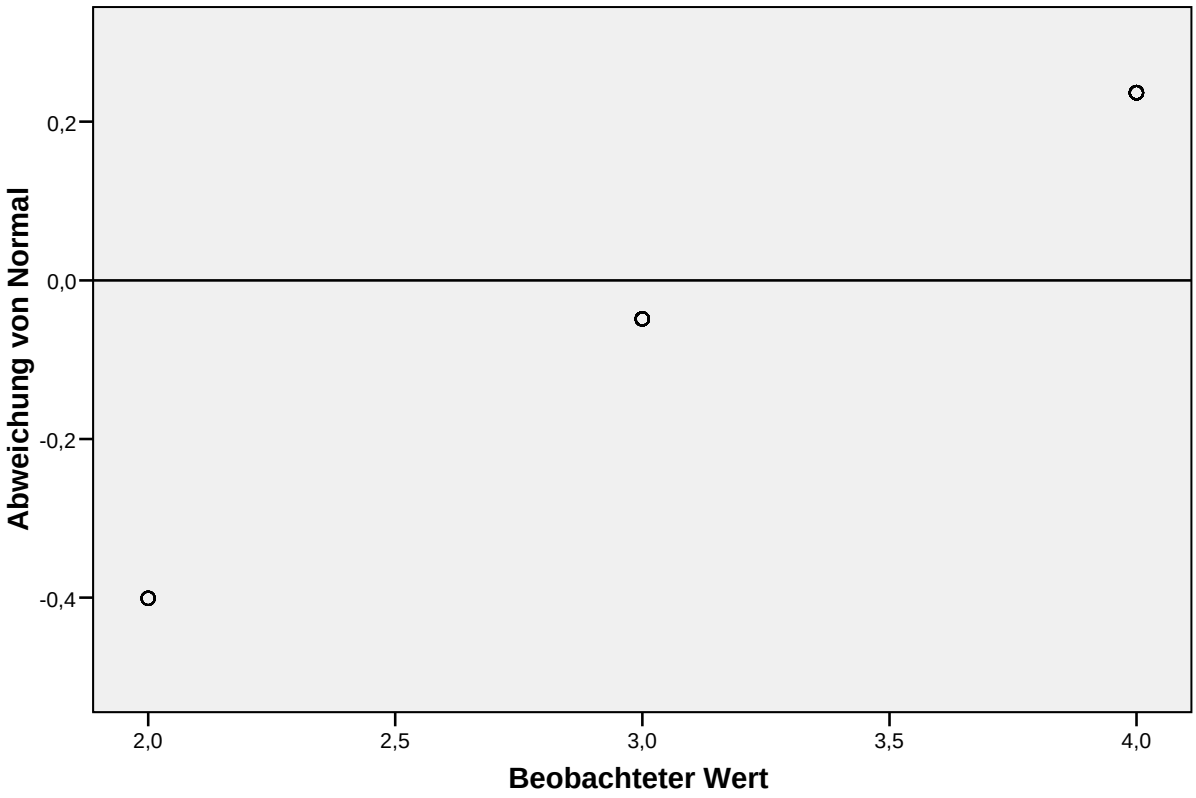
Information Process Focus A&O

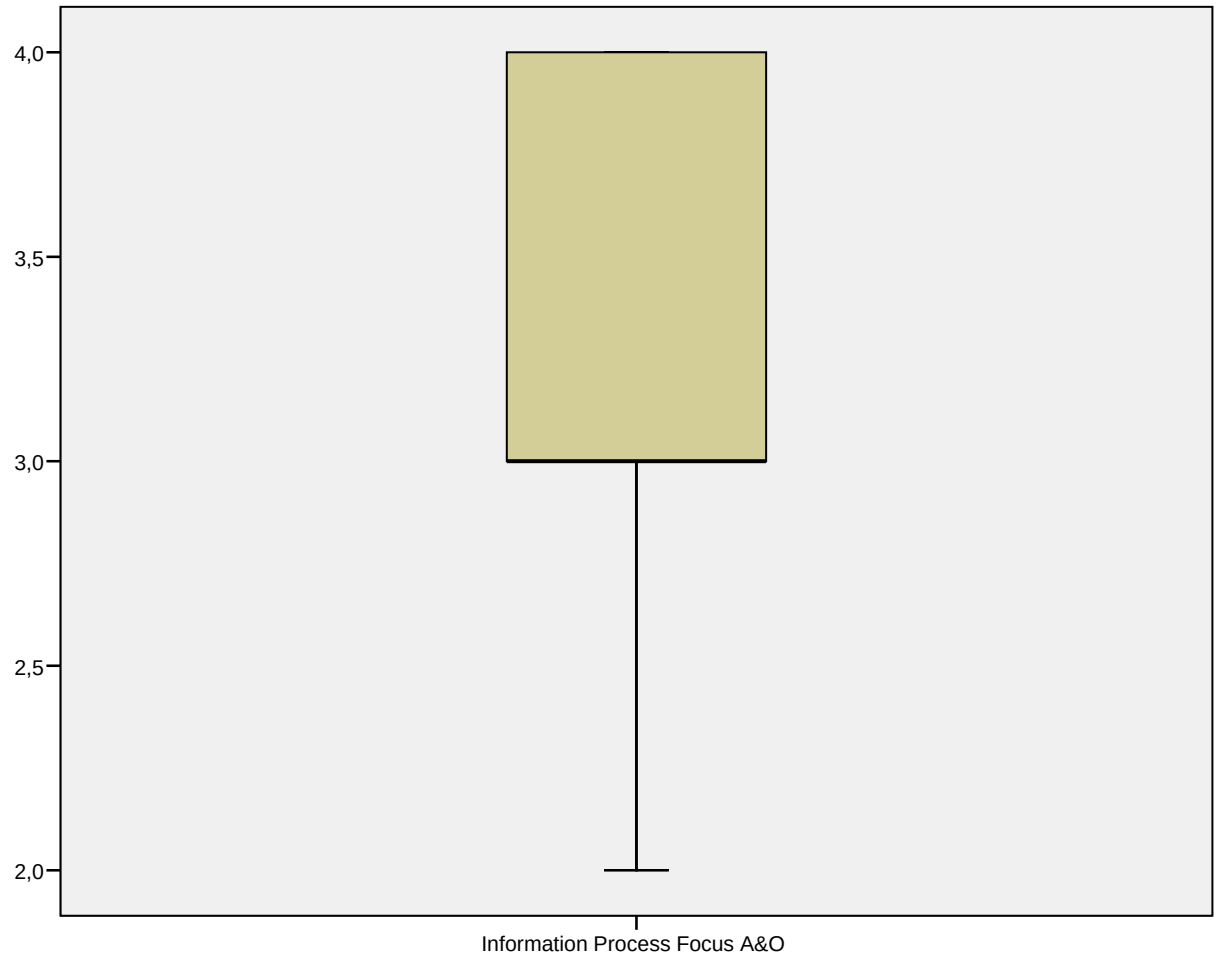
```
Information Process Focus A&O Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

    11,00        2 .  00000000000
      ,00        2 .
    35,00        3 .  00000000000000000000000000000000000
      ,00        3 .
    34,00        4 .  00000000000000000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```

Q-Q-Diagramm von Information Process Focus A&O



Trendbereinigtes Q-Q-Diagramm von Information Process Focus A&O

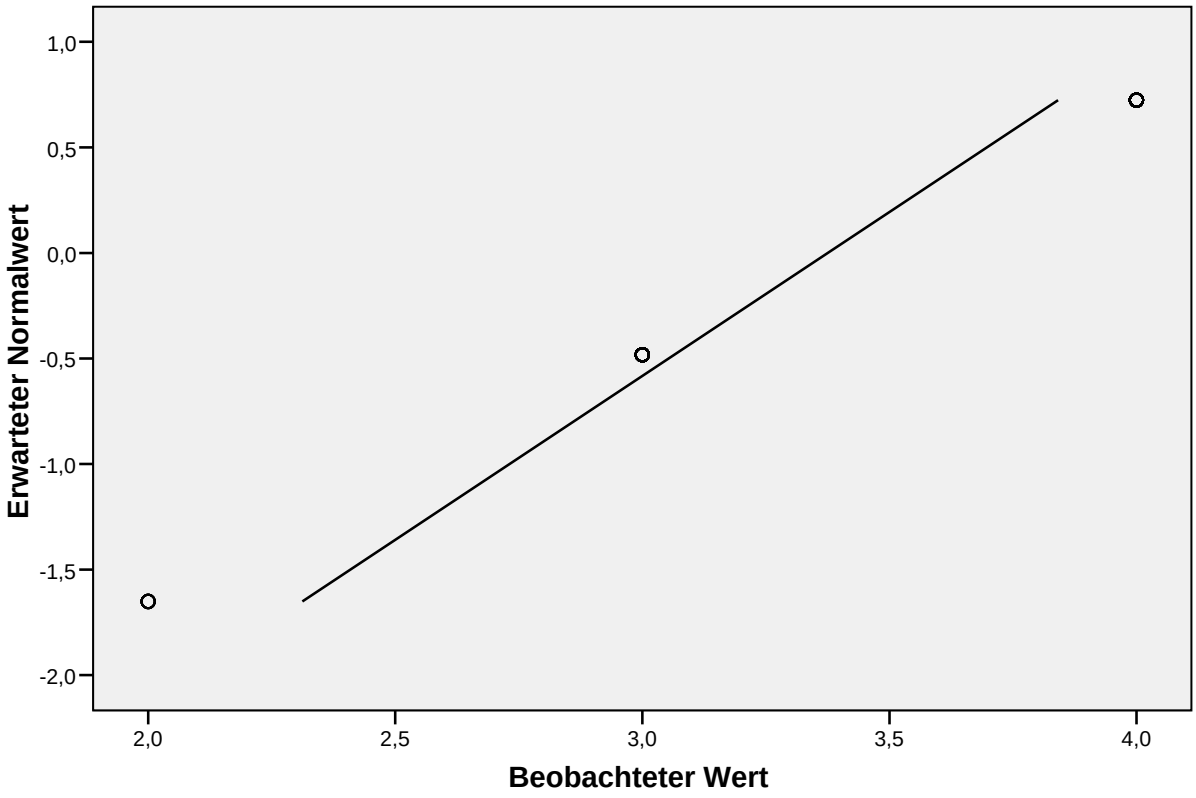




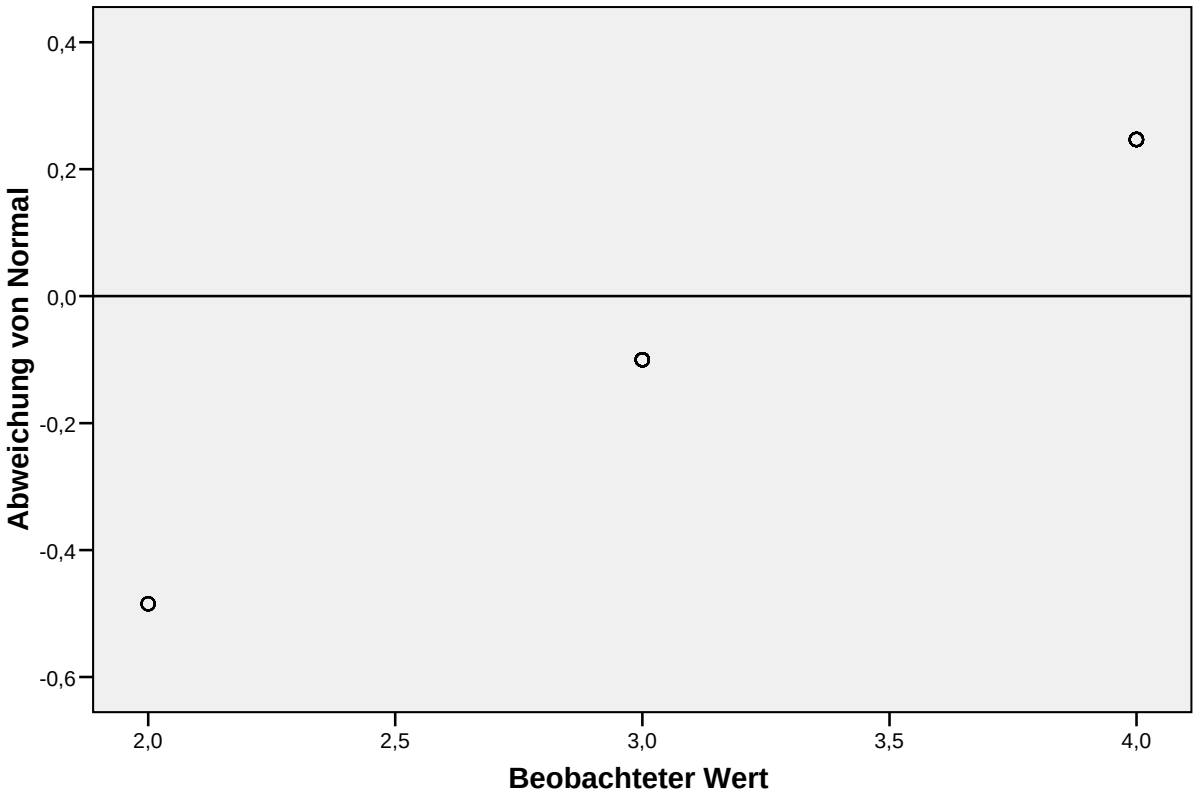
Information Process Focus A&C

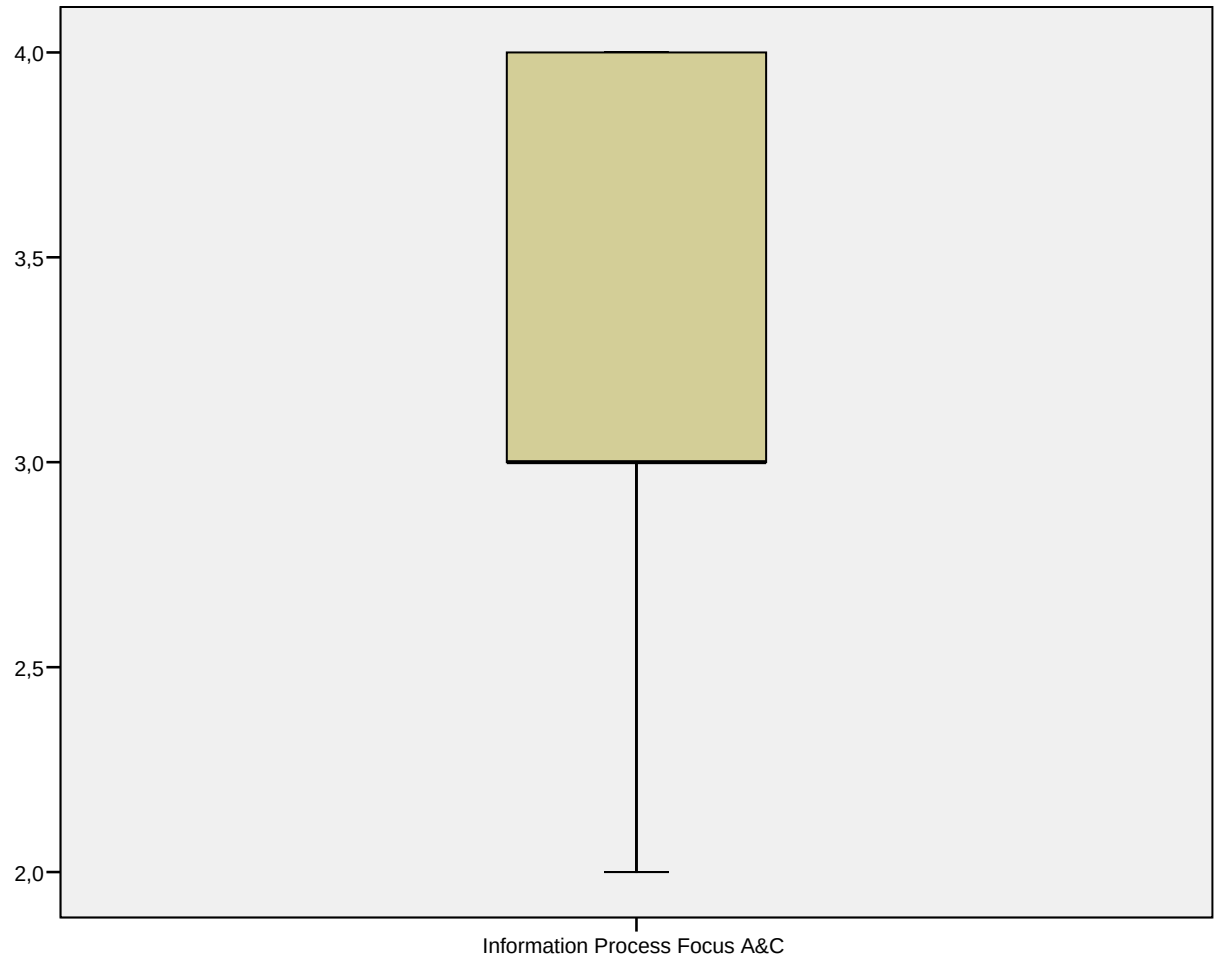
```
Information Process Focus A&C Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     7,00        2 .  0000000
      ,00        2 .
    36,00        3 .  000000000000000000000000000000000000
      ,00        3 .
    37,00        4 .  0000000000000000000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```

Q-Q-Diagramm von Information Process Focus A&C



Trendbereinigtes Q-Q-Diagramm von Information Process Focus A&C

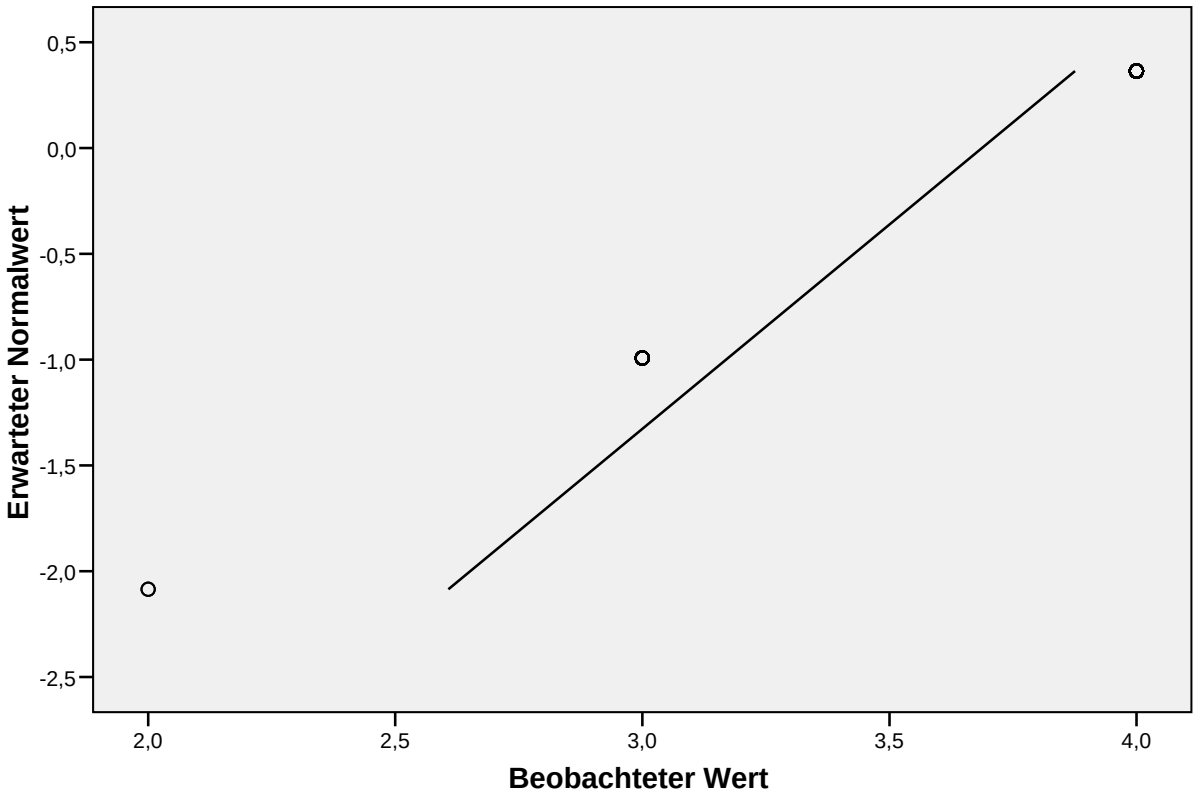




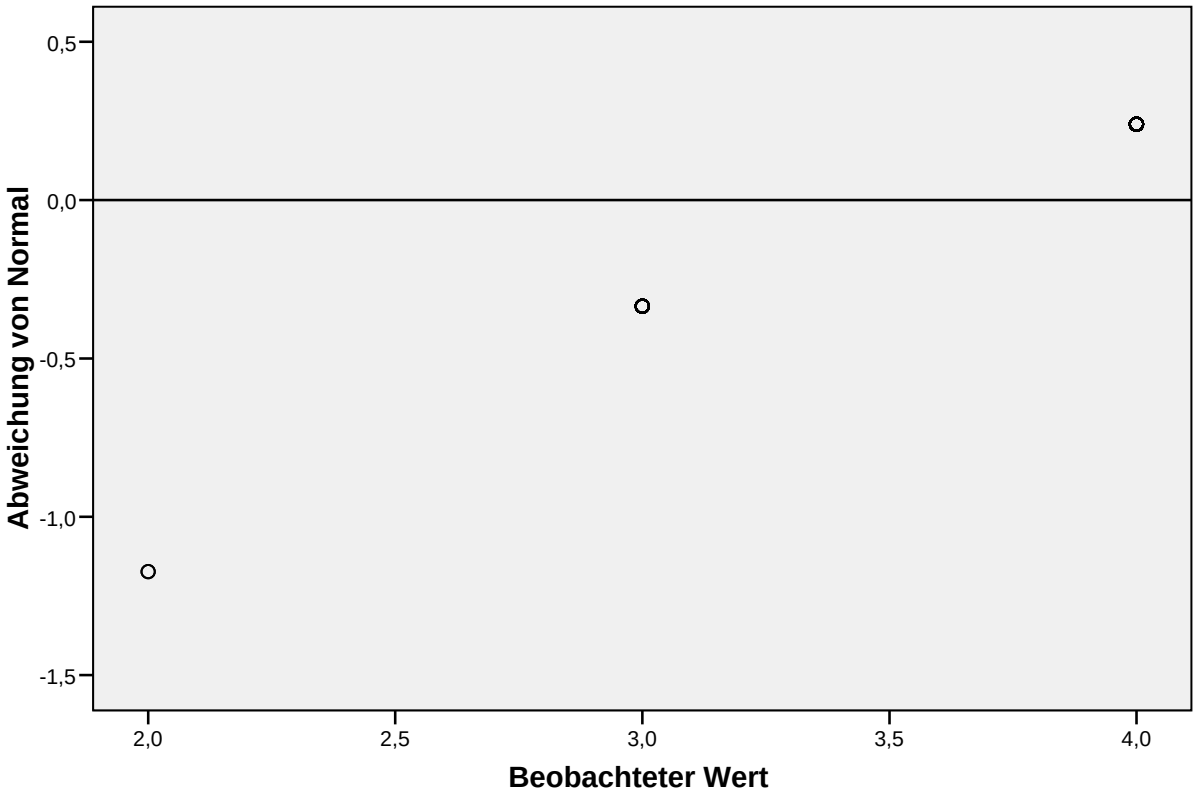
Information Process Focus L&L

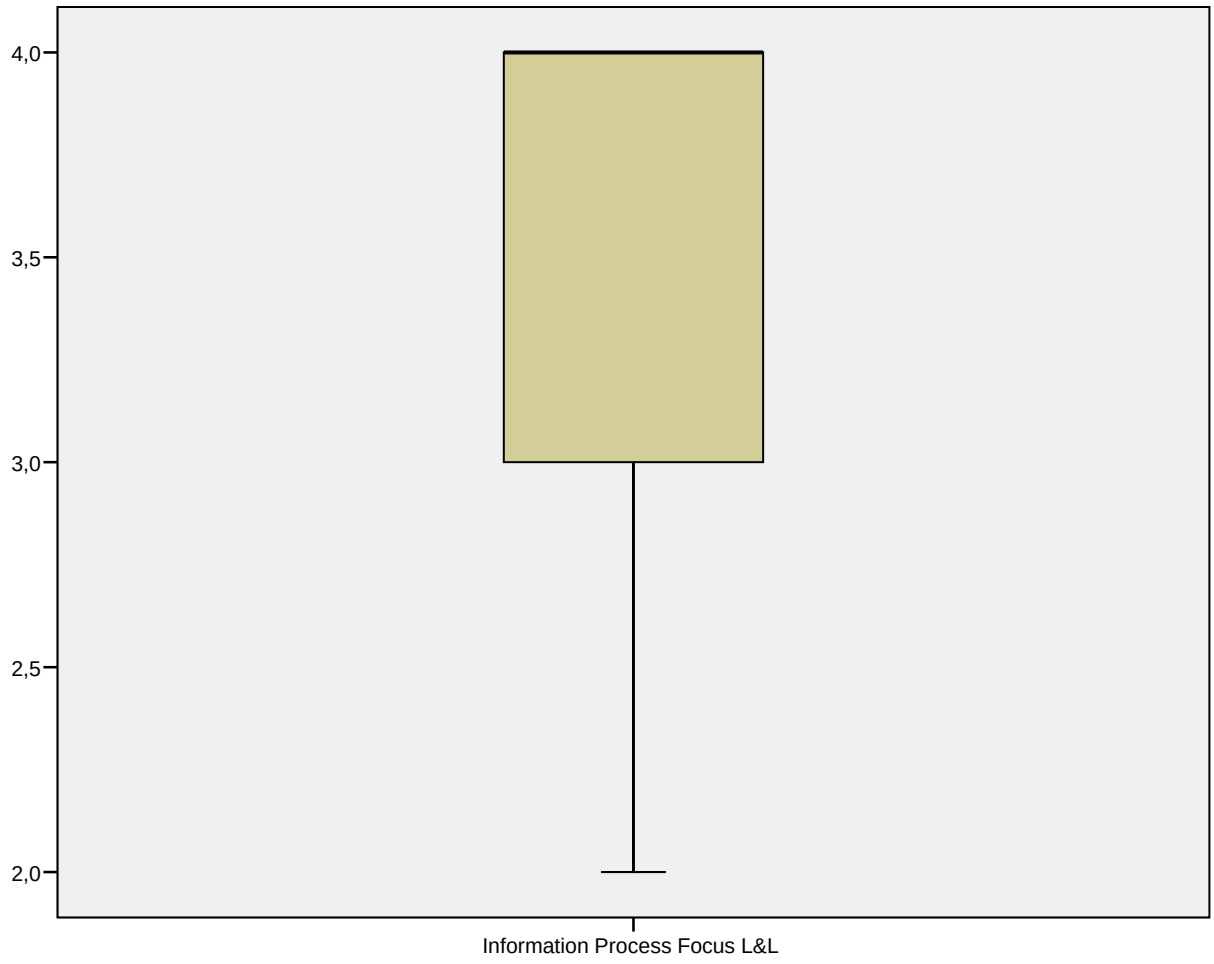
```
Information Process Focus L&L Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     2,00        2 .  0
      ,00        2 .
    21,00        3 .  0000000000
      ,00        3 .
    57,00        4 .  000000000000000000000000000000

 Stem width:         1
 Each leaf:       2 case(s)
```

Q-Q-Diagramm von Information Process Focus L&L



Trendbereinigtes Q-Q-Diagramm von Information Process Focus L&L





Nichtparametrische Tests

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Chi-Quadrat-Test

Häufigkeiten

Information Process Focus I&D

	Beobachtetes N	Erwartete Anzahl	Residuum
rarely	4	20,0	-16,0
mediocre	5	20,0	-15,0
quite	28	20,0	8,0
extraordinary	43	20,0	23,0
Gesamt	80		

Information Process Focus F&A

	Beobachtetes N	Erwartete Anzahl	Residuum
mediocre	6	26,7	-20,7
quite	25	26,7	-1,7
extraordinary	49	26,7	22,3
Gesamt	80		

Information Process Focus E&S

	Beobachtetes N	Erwartete Anzahl	Residuum
mediocre	6	26,7	-20,7
quite	26	26,7	-,7
extraordinary	48	26,7	21,3
Gesamt	80		

Information Process Focus A&O

	Beobachtetes N	Erwartete Anzahl	Residuum
mediocre	11	26,7	-15,7
quite	35	26,7	8,3
extraordinary	34	26,7	7,3
Gesamt	80		

Information Process Focus A&C

	Beobachtetes N	Erwartete Anzahl	Residuum
mediocre	7	26,7	-19,7
quite	36	26,7	9,3
extraordinary	37	26,7	10,3
Gesamt	80		

Information Process Focus L&L

	Beobachtetes N	Erwartete Anzahl	Residuum
mediocre	2	26,7	-24,7
quite	21	26,7	-5,7
extraordinary	57	26,7	30,3
Gesamt	80		

Statistik für Test

	Information Process Focus I&D	Information Process Focus F&A	Information Process Focus E&S	Information Process Focus A&O
Chi-Quadrat[a,b]	53,700	34,825	33,100	13,825
df	3	2	2	2
Asymptotische Signifikanz	,000	,000	,000	,001

Statistik für Test

	Information Process Focus A&C	Information Process Focus L&L
Chi-Quadrat[a,b]	21,775	58,525
df	2	2
Asymptotische Signifikanz	,000	,000

a. Bei 0 Zellen (,0%) werden weniger als 5 Häufigkeiten erwartet. Die kleinste erwartete Zellenhäufigkeit ist 20,0.

b. Bei 0 Zellen (,0%) werden weniger als 5 Häufigkeiten erwartet. Die kleinste erwartete Zellenhäufigkeit ist 26,7.

Reliabilität

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Skala: ALLE VARIABLEN

Zusammenfassung der Fallverarbeitung

		Anzahl	%
Fälle	Gültig	80	100,0
	Ausgeschlossen[a]	0	,0
	Insgesamt	80	100,0

a. Listenweise Löschung auf der Grundlage aller Variablen in der Prozedur.

Reliabilitätsstatistiken

Cronbachs Alpha	Anzahl der Items
,582	6

Itemstatistiken

	Mittelwert	Std. -Abweichung	Anzahl
Information Process Focus I&D	3,38	,817	80
Information Process Focus F&A	3,54	,635	80
Information Process Focus E&S	3,53	,636	80
Information Process Focus A&O	3,29	,697	80
Information Process Focus A&C	3,38	,644	80
Information Process Focus L&L	3,69	,518	80

Item-Skala-Statistiken

	Skalenmittelwert, wenn Item weggelassen	Skalenvarianz, wenn Item weggelassen	Korrigierte Item-Skala-Korrelation	Cronbachs Alpha, wenn Item weggelassen
Information Process Focus I&D	17,41	3,410	,349	,525
Information Process Focus F&A	17,25	3,886	,336	,529
Information Process Focus E&S	17,26	3,614	,460	,475
Information Process Focus A&O	17,50	3,924	,261	,562
Information Process Focus A&C	17,41	4,296	,158	,601
Information Process Focus L&L	17,10	4,041	,395	,515

Skala-Statistiken

Mittelwert	Varianz	Std. -Abweichung	Anzahl der Items
20,79	5,131	2,265	6

Faktorenanalyse

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Korrelationsmatrix[a]

		Information Process Focus I&D	Information Process Focus F&A	Information Process Focus E&S	Information Process Focus A&O
Korrelation	Information Process Focus I&D	1,000	,216	,201	,164
	Information Process Focus F&A	,216	1,000	,421	,161
	Information Process Focus E&S	,201	,421	1,000	,341
	Information Process Focus A&O	,164	,161	,341	1,000
	Information Process Focus A&C	,186	-,004	,070	,011
	Information Process Focus L&L	,280	,209	,312	,112
Signifikanz (1-seitig)	Information Process Focus I&D		,027	,037	,073
	Information Process Focus F&A	,027		,000	,077
	Information Process Focus E&S	,037	,000		,001
	Information Process Focus A&O	,073	,077	,001	
	Information Process Focus A&C	,049	,486	,270	,463
	Information Process Focus L&L	,006	,031	,002	,162

Korrelationsmatrix[a]

		Information Process Focus A&C	Information Process Focus L&L
Korrelation	Information Process Focus I&D	,186	,280
	Information Process Focus F&A	-,004	,209
	Information Process Focus E&S	,070	,312
	Information Process Focus A&O	,011	,112
	Information Process Focus A&C	1,000	,242
	Information Process Focus L&L	,242	1,000
Signifikanz (1-seitig)	Information Process Focus I&D	,049	,006
	Information Process Focus F&A	,486	,031
	Information Process Focus E&S	,270	,002
	Information Process Focus A&O	,463	,162
	Information Process Focus A&C		,015
	Information Process Focus L&L	,015	

a. Determinante = ,528

Inverse Korrelationsmatrix

	Information Process Focus I&D	Information Process Focus F&A	Information Process Focus E&S	Information Process Focus A&O
Information Process Focus I&D	1,157	-,168	-,039	-,122
Information Process Focus F&A	-,168	1,254	-,470	-,005
Information Process Focus E&S	-,039	-,470	1,423	-,370
Information Process Focus A&O	-,122	-,005	-,370	1,145
Information Process Focus A&C	-,158	,091	-,020	,033
Information Process Focus L&L	-,225	-,090	-,289	,015

Inverse Korrelationsmatrix

	Information Process Focus A&C	Information Process Focus L&L
Information Process Focus I&D	-,158	-,225
Information Process Focus F&A	,091	-,090
Information Process Focus E&S	-,020	-,289
Information Process Focus A&O	,033	,015
Information Process Focus A&C	1,088	-,235
Information Process Focus L&L	-,235	1,228

KMO- und Bartlett-Test

Maß der Stichprobeneignung nach Kaiser-Meyer-Olkin.		,658
Bartlett-Test auf Sphärizität	Ungefähres Chi-Quadrat	48,669
	df	15
	Signifikanz nach Bartlett	,000

Anti-Image-Matrizen

		Information Process Focus I&D	Information Process Focus F&A	Information Process Focus E&S	Information Process Focus A&O
Anti-Image-Kovarianz	Information Process Focus I&D	,864	-,116	-,024	-,092
	Information Process Focus F&A	-,116	,797	-,263	-,004
	Information Process Focus E&S	-,024	-,263	,703	-,227
	Information Process Focus A&O	-,092	-,004	-,227	,873
	Information Process Focus A&C	-,125	,066	-,013	,026
	Information Process Focus L&L	-,159	-,058	-,165	,011
Anti-Image-Korrelation	Information Process Focus I&D	,723[a]	-,139	-,030	-,106
	Information Process Focus F&A	-,139	,655[a]	-,352	-,005
	Information Process Focus E&S	-,030	-,352	,629[a]	-,290
	Information Process Focus A&O	-,106	-,005	-,290	,653[a]
	Information Process Focus A&C	-,141	,078	-,016	,029
	Information Process Focus L&L	-,189	-,072	-,219	,013

Anti-Image-Matrizen

		Information Process Focus A&C	Information Process Focus L&L
Anti-Image-Kovarianz	Information Process Focus I&D	-,125	-,159
	Information Process Focus F&A	,066	-,058
	Information Process Focus E&S	-,013	-,165
	Information Process Focus A&O	,026	,011
	Information Process Focus A&C	,919	-,176
	Information Process Focus L&L	-,176	,815
Anti-Image-Korrelation	Information Process Focus I&D	-,141	-,189
	Information Process Focus F&A	,078	-,072
	Information Process Focus E&S	-,016	-,219
	Information Process Focus A&O	,029	,013
	Information Process Focus A&C	,590[a]	-,204
	Information Process Focus L&L	-,204	,690[a]

a. Maß der Stichprobeneignung

Kommunalitäten

	Anfänglich	Extraktion
Information Process Focus I&D	1,000	,425
Information Process Focus F&A	1,000	,509
Information Process Focus E&S	1,000	,647
Information Process Focus A&O	1,000	,406
Information Process Focus A&C	1,000	,672
Information Process Focus L&L	1,000	,535

Extraktionsmethode: Hauptkomponentenanalyse.

Erklärte Gesamtvarianz

	Anfängliche Eigenwerte		
Komponente	Gesamt	% der Varianz	Kumulierte %
1	2,037	33,954	33,954
2	1,157	19,287	53,241
3	,856	14,273	67,514
4	,771	12,844	80,358
5	,679	11,309	91,667
6	,500	8,333	100,000

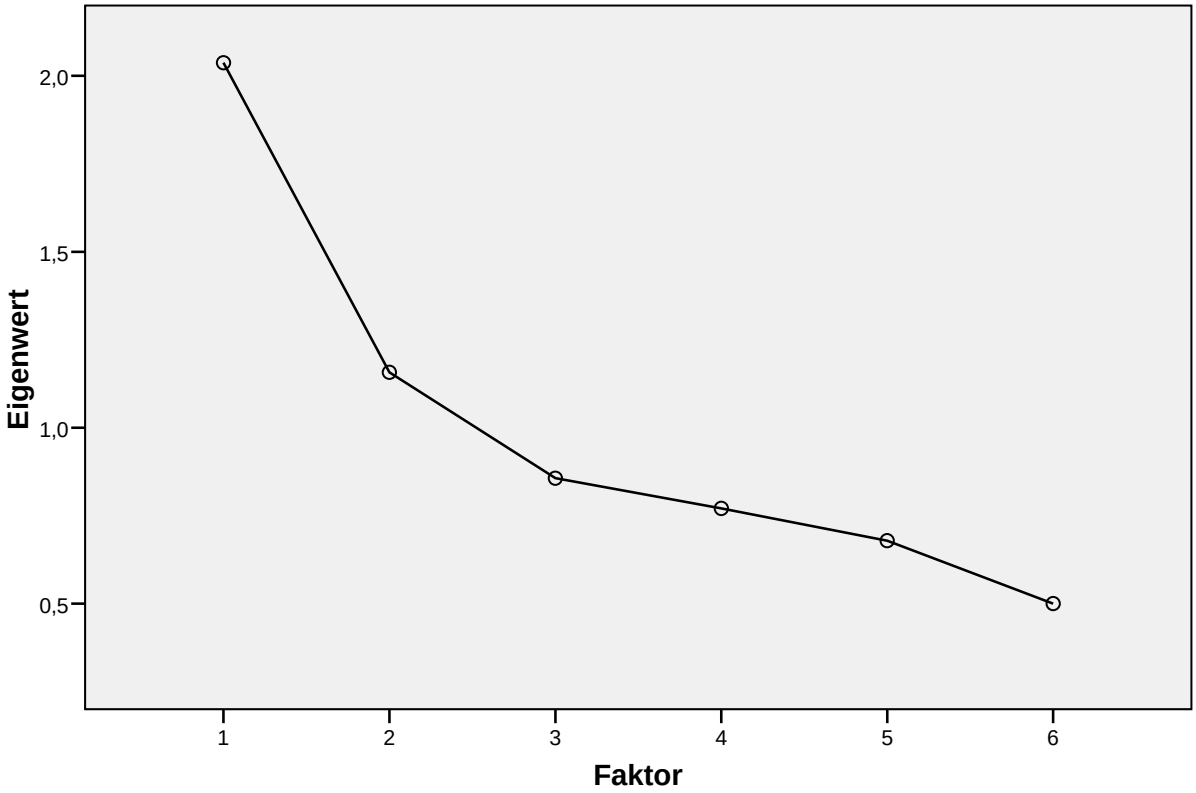
Extraktionsmethode: Hauptkomponentenanalyse.

Erklärte Gesamtvarianz

Komponente	Summen von quadrierten Faktorladungen für Extraktion			Rotierte Summe der quadrierten Ladungen		
	Gesamt	% der Varianz	Kumulierte %	Gesamt	% der Varianz	Kumulierte %
1	2,037	33,954	33,954	1,712	28,533	28,533
2	1,157	19,287	53,241	1,482	24,708	53,241
3						
4						
5						
6						

Extraktionsmethode: Hauptkomponentenanalyse.

Screeplot



Komponentenmatrix[a]

	Komponente	
	1	2
Information Process Focus I&D	,581	,295
Information Process Focus F&A	,628	-,338
Information Process Focus E&S	,745	-,305
Information Process Focus A&O	,505	-,388
Information Process Focus A&C	,305	,761
Information Process Focus L&L	,634	,366

Extraktionsmethode: Hauptkomponentenanalyse.

a. 2 Komponenten extrahiert

Reproduzierte Korrelationen

		Information Process Focus I&D	Information Process Focus F&A	Information Process Focus E&S
Reproduzierte Korrelation	Information Process Focus I&D	,425[b]	,265	,343
	Information Process Focus F&A	,265	,509[b]	,571
	Information Process Focus E&S	,343	,571	,647[b]
	Information Process Focus A&O	,179	,449	,494
	Information Process Focus A&C	,402	-,066	-,005
	Information Process Focus L&L	,476	,274	,360
Residuum[a]	Information Process Focus I&D		-,049	-,142
	Information Process Focus F&A	-,049		-,150
	Information Process Focus E&S	-,142	-,150	
	Information Process Focus A&O	-,015	-,288	-,154
	Information Process Focus A&C	-,215	,062	,074
	Information Process Focus L&L	-,196	-,065	-,048

Extraktionsmethode: Hauptkomponentenanalyse.

Reproduzierte Korrelationen

		Information Process Focus A&O	Information Process Focus A&C	Information Process Focus L&L
Reproduzierte Korrelation	Information Process Focus I&D	,179	,402	,476
	Information Process Focus F&A	,449	-,066	,274
	Information Process Focus E&S	,494	-,005	,360
	Information Process Focus A&O	,406[b]	-,141	,178
	Information Process Focus A&C	-,141	,672[b]	,472
	Information Process Focus L&L	,178	,472	,535[b]
Residuum[a]	Information Process Focus I&D	-,015	-,215	-,196
	Information Process Focus F&A	-,288	,062	-,065
	Information Process Focus E&S	-,154	,074	-,048
	Information Process Focus A&O		,151	-,067
	Information Process Focus A&C	,151		-,230
	Information Process Focus L&L	-,067	-,230	

Extraktionsmethode: Hauptkomponentenanalyse.

a. Residuen werden zwischen beobachteten und reproduzierten Korrelationen berechnet. Es liegen 12 (80,0%) nicht redundante Residuen mit absoluten Werten größer 0,05 vor.

b. Reproduzierte Kommunalitäten

Rotierte Komponentenmatrix[a]

	Komponente	
	1	2
Information Process Focus I&D	,282	,588
Information Process Focus F&A	,705	,113
Information Process Focus E&S	,776	,211
Information Process Focus A&O	,637	-,001
Information Process Focus A&C	-,220	,789
Information Process Focus L&L	,281	,676

Extraktionsmethode: Hauptkomponentenanalyse.
Rotationsmethode: Varimax mit Kaiser-Normalisierung.

a. Die Rotation ist in 3 Iterationen konvergiert.

Komponententransformationsmatrix

Komponente	1	2
1	,794	,608
2	-,608	,794

Extraktionsmethode: Hauptkomponentenanalyse.
Rotationsmethode: Varimax mit Kaiser-Normalisierung.

Reliabilität

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Skala: ALLE VARIABLEN

Zusammenfassung der Fallverarbeitung

		Anzahl	%
Fälle	Gültig	80	100,0
	Ausgeschlossen[a]	0	,0
	Insgesamt	80	100,0

a. Listenweise Löschung auf der Grundlage aller Variablen in der Prozedur.

Reliabilitätsstatistiken

Cronbachs Alpha	Anzahl der Items
,601	5

Itemstatistiken

	Mittelwert	Std. -Abweichung	Anzahl
Information Process Focus I&D	3,38	,817	80
Information Process Focus F&A	3,54	,635	80
Information Process Focus E&S	3,53	,636	80
Information Process Focus A&O	3,29	,697	80
Information Process Focus L&L	3,69	,518	80

Item-Skala-Statistiken

	Skalenmittelwert, wenn Item weggelassen	Skalenvarianz, wenn Item weggelassen	Korrigierte Item-Skala-Korrelation	Cronbachs Alpha, wenn Item weggelassen
Information Process Focus I&D	14,04	2,771	,315	,582
Information Process Focus F&A	13,88	3,047	,381	,534
Information Process Focus E&S	13,89	2,835	,493	,475
Information Process Focus A&O	14,13	3,098	,290	,583
Information Process Focus L&L	13,73	3,366	,348	,556

Skala-Statistiken

Mittelwert	Varianz	Std. -Abweichung	Anzahl der Items
17,41	4,296	2,073	5

Faktorenanalyse

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Korrelationsmatrix[a]

		Information Process Focus I&D	Information Process Focus F&A	Information Process Focus E&S
Korrelation	Information Process Focus I&D	1,000	,216	,201
	Information Process Focus F&A	,216	1,000	,421
	Information Process Focus E&S	,201	,421	1,000
	Information Process Focus L&L	,280	,209	,312
	Information Process Focus A&O	,164	,161	,341
Signifikanz (1-seitig)	Information Process Focus I&D		,027	,037
	Information Process Focus F&A	,027		,000
	Information Process Focus E&S	,037	,000	
	Information Process Focus L&L	,006	,031	,002
	Information Process Focus A&O	,073	,077	,001

Korrelationsmatrix[a]

		Information Process Focus L&L	Information Process Focus A&O
Korrelation	Information Process Focus I&D	,280	,164
	Information Process Focus F&A	,209	,161
	Information Process Focus E&S	,312	,341
	Information Process Focus L&L	1,000	,112
	Information Process Focus A&O	,112	1,000
Signifikanz (1-seitig)	Information Process Focus I&D	,006	,073
	Information Process Focus F&A	,031	,077
	Information Process Focus E&S	,002	,001
	Information Process Focus L&L		,162
	Information Process Focus A&O	,162	

a. Determinante = ,574

Inverse Korrelationsmatrix

	Information Process Focus I&D	Information Process Focus F&A	Information Process Focus E&S	Information Process Focus L&L	Information Process Focus A&O
Information Process Focus I&D	1,134	-,155	-,042	-,259	-,118
Information Process Focus F&A	-,155	1,247	-,469	-,070	-,008
Information Process Focus E&S	-,042	-,469	1,423	-,293	-,369
Information Process Focus L&L	-,259	-,070	-,293	1,177	,022
Information Process Focus A&O	-,118	-,008	-,369	,022	1,144

KMO- und Bartlett-Test

Maß der Stichprobeneignung nach Kaiser-Meyer-Olkin.		,661
Bartlett-Test auf Sphärizität	Ungefähres Chi-Quadrat	42,444
	df	10
	Signifikanz nach Bartlett	,000

Anti-Image-Matrizen

		Information Process Focus I&D	Information Process Focus F&A	Information Process Focus E&S
Anti-Image-Kovarianz	Information Process Focus I&D	,882	-,109	-,026
	Information Process Focus F&A	-,109	,802	-,264
	Information Process Focus E&S	-,026	-,264	,703
	Information Process Focus L&L	-,194	-,048	-,175
	Information Process Focus A&O	-,091	-,006	-,227
Anti-Image-Korrelation	Information Process Focus I&D	,709[a]	-,130	-,033
	Information Process Focus F&A	-,130	,671[a]	-,352
	Information Process Focus E&S	-,033	-,352	,624[a]
	Information Process Focus L&L	-,225	-,058	-,227
	Information Process Focus A&O	-,103	-,007	-,290

Anti-Image-Matrizen

		Information Process Focus L&L	Information Process Focus A&O
Anti-Image-Kovarianz	Information Process Focus I&D	-,194	-,091
	Information Process Focus F&A	-,048	-,006
	Information Process Focus E&S	-,175	-,227
	Information Process Focus L&L	,850	,017
	Information Process Focus A&O	,017	,874
Anti-Image-Korrelation	Information Process Focus I&D	-,225	-,103
	Information Process Focus F&A	-,058	-,007
	Information Process Focus E&S	-,227	-,290
	Information Process Focus L&L	,688[a]	,019
	Information Process Focus A&O	,019	,656[a]

a. Maß der Stichprobeneignung

Kommunalitäten

	Anfänglich	Extraktion
Information Process Focus I&D	1,000	,313
Information Process Focus F&A	1,000	,440
Information Process Focus E&S	1,000	,591
Information Process Focus L&L	1,000	,362
Information Process Focus A&O	1,000	,284

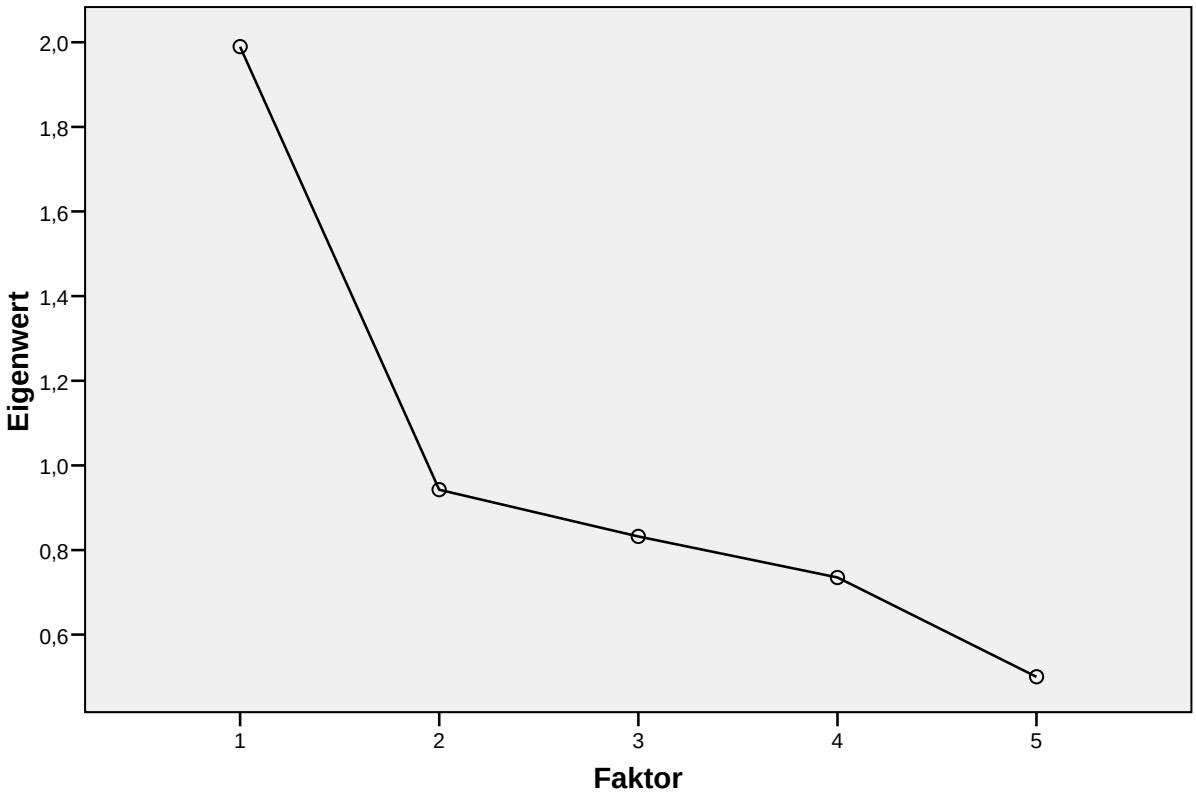
Extraktionsmethode: Hauptkomponentenanalyse.

Erklärte Gesamtvarianz

	Anfängliche Eigenwerte			Summen von quadrierten Faktorladungen für Extraktion		
Komponente	Gesamt	% der Varianz	Kumulierte %	Gesamt	% der Varianz	Kumulierte %
1	1,990	39,793	39,793	1,990	39,793	39,793
2	,943	18,855	58,648			
3	,832	16,639	75,287			
4	,735	14,703	89,991			
5	,500	10,009	100,000			

Extraktionsmethode: Hauptkomponentenanalyse.

Screeplot



Komponentenmatrix[a]

	Komponente
	1
Information Process Focus I&D	,560
Information Process Focus F&A	,663
Information Process Focus E&S	,769
Information Process Focus L&L	,602
Information Process Focus A&O	,533

Extraktionsmethode: Hauptkomponentenanalyse.

a. 1 Komponenten extrahiert

Reproduzierte Korrelationen

		Information Process Focus I&D	Information Process Focus F&A	Information Process Focus E&S
Reproduzierte Korrelation	Information Process Focus I&D	,313[b]	,371	,430
	Information Process Focus F&A	,371	,440[b]	,510
	Information Process Focus E&S	,430	,510	,591[b]
	Information Process Focus L&L	,337	,399	,462
	Information Process Focus A&O	,298	,353	,410
Residuum[a]	Information Process Focus I&D		-,155	-,229
	Information Process Focus F&A	-,155		-,089
	Information Process Focus E&S	-,229	-,089	
	Information Process Focus L&L	-,056	-,190	-,150
	Information Process Focus A&O	-,134	-,192	-,069

Extraktionsmethode: Hauptkomponentenanalyse.

Reproduzierte Korrelationen

		Information Process Focus L&L	Information Process Focus A&O
Reproduzierte Korrelation	Information Process Focus I&D	,337	,298
	Information Process Focus F&A	,399	,353
	Information Process Focus E&S	,462	,410
	Information Process Focus L&L	,362[b]	,321
	Information Process Focus A&O	,321	,284[b]
Residuum[a]	Information Process Focus I&D	-,056	-,134
	Information Process Focus F&A	-,190	-,192
	Information Process Focus E&S	-,150	-,069
	Information Process Focus L&L		-,209
	Information Process Focus A&O	-,209	

Extraktionsmethode: Hauptkomponentenanalyse.

a. Residuen werden zwischen beobachteten und reproduzierten Korrelationen berechnet. Es liegen 10 (100,0%) nicht redundante Residuen mit absoluten Werten größer 0,05 vor.

b. Reproduzierte Kommunalitäten

Rotierte Komponentenmatrix[a]

a. Es wurde nur eine Komponente extrahiert. Die Lösung kann nicht rotiert werden.

Nichtparametrische Korrelationen

```
[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work
report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav
```

Korrelationen

			Information Process Focus I&D	Information Process Focus F&A
Spearman-Rho	Information Process Focus I&D	Korrelationskoeffizient	1,000	,280*
		Sig. (2-seitig)	.	,012
		N	80	80
	Information Process Focus F&A	Korrelationskoeffizient	,280*	1,000
		Sig. (2-seitig)	,012	.
		N	80	80
	Information Process Focus E&S	Korrelationskoeffizient	,241*	,394**
		Sig. (2-seitig)	,031	,000
		N	80	80
	Information Process Focus A&O	Korrelationskoeffizient	,141	,108
		Sig. (2-seitig)	,214	,341
		N	80	80
	Information Process Focus A&C	Korrelationskoeffizient	,205	,049
		Sig. (2-seitig)	,068	,664
		N	80	80
	Information Process Focus L&L	Korrelationskoeffizient	,301**	,262*
		Sig. (2-seitig)	,007	,019
		N	80	80
	unimportant - important	Korrelationskoeffizient	,170	,223*
		Sig. (2-seitig)	,131	,047
		N	80	80

Korrelationen

			Information Process Focus E&S	Information Process Focus A&O
Spearman-Rho	Information Process Focus I&D	Korrelationskoeffizient	,241*	,141
		Sig. (2-seitig)	,031	,214
		N	80	80
	Information Process Focus F&A	Korrelationskoeffizient	,394**	,108
		Sig. (2-seitig)	,000	,341
		N	80	80
	Information Process Focus E&S	Korrelationskoeffizient	1,000	,326**
		Sig. (2-seitig)	.	,003
		N	80	80
	Information Process Focus A&O	Korrelationskoeffizient	,326**	1,000
		Sig. (2-seitig)	,003	.
		N	80	80
	Information Process Focus A&C	Korrelationskoeffizient	,062	-,001
		Sig. (2-seitig)	,584	,995
		N	80	80
	Information Process Focus L&L	Korrelationskoeffizient	,374**	,127
		Sig. (2-seitig)	,001	,262
		N	80	80
	unimportant - important	Korrelationskoeffizient	,439**	,099
		Sig. (2-seitig)	,000	,382
		N	80	80

Korrelationen

			Information Process Focus A&C	Information Process Focus L&L
Spearman-Rho	Information Process Focus I&D	Korrelationskoeffizient	,205	,301**
		Sig. (2-seitig)	,068	,007
		N	80	80
	Information Process Focus F&A	Korrelationskoeffizient	,049	,262*
		Sig. (2-seitig)	,664	,019
		N	80	80
	Information Process Focus E&S	Korrelationskoeffizient	,062	,374**
		Sig. (2-seitig)	,584	,001
		N	80	80
	Information Process Focus A&O	Korrelationskoeffizient	-,001	,127
		Sig. (2-seitig)	,995	,262
		N	80	80
	Information Process Focus A&C	Korrelationskoeffizient	1,000	,218
		Sig. (2-seitig)	.	,052
		N	80	80
	Information Process Focus L&L	Korrelationskoeffizient	,218	1,000
		Sig. (2-seitig)	,052	.
		N	80	80
	unimportant - important	Korrelationskoeffizient	,148	,169
		Sig. (2-seitig)	,191	,135
		N	80	80

Korrelationen

			unimportant - important
Spearman-Rho	Information Process Focus I&D	Korrelationskoeffizient	,170
		Sig. (2-seitig)	,131
		N	80
	Information Process Focus F&A	Korrelationskoeffizient	,223*
		Sig. (2-seitig)	,047
		N	80
	Information Process Focus E&S	Korrelationskoeffizient	,439**
		Sig. (2-seitig)	,000
		N	80
	Information Process Focus A&O	Korrelationskoeffizient	,099
		Sig. (2-seitig)	,382
		N	80
	Information Process Focus A&C	Korrelationskoeffizient	,148
		Sig. (2-seitig)	,191
		N	80
	Information Process Focus L&L	Korrelationskoeffizient	,169
		Sig. (2-seitig)	,135
		N	80
	unimportant - important	Korrelationskoeffizient	1,000
		Sig. (2-seitig)	.
		N	80

*. Die Korrelation ist auf dem 0,05 Niveau signifikant (zweiseitig).

**. Die Korrelation ist auf dem 0,01 Niveau signifikant (zweiseitig).

Häufigkeiten

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Statistiken

		boring - exciting	inefficient - efficient	inexperienced - experienced	irrelevant - relevant
N	Gültig	80	80	80	80
	Fehlend	0	0	0	0
Mittelwert		4,81	3,78	4,51	5,26
Median		5,00	4,00	5,00	5,00
Modus		5	5	5	5
Standardabweichung		1,103	1,458	1,114	,631
Summe		385	302	361	421

Statistiken

		unsupported - is supported	neutral for success of employer - positive for success of employer	no learning benefit - learning benefit	not professional - professional
N	Gültig	80	80	80	80
	Fehlend	0	0	0	0
Mittelwert		3,78	5,03	5,05	3,78
Median		4,00	5,00	5,00	4,00
Modus		4	5	5	5
Standardabweichung		1,055	1,158	,761	1,526
Summe		302	402	404	302

Statistiken

		training needed - sufficiently trained	uninteresting - interesting	unreliable - reliable
N	Gültig	80	80	80
	Fehlend	0	0	0
Mittelwert		3,08	5,08	4,43
Median		3,00	5,00	5,00
Modus		5	5	5
Standardabweichung		1,799	,883	1,220
Summe		246	406	354

Statistiken

		unimportant - important	woolly - precise
N	Gültig	80	80
	Fehlend	0	0
Mittelwert		5,36	4,11
Median		5,00	4,00
Modus		6	5
Standardabweichung		,680	1,222
Summe		429	329

Häufigkeitstabelle

boring - exciting

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	quite boring	1	1,3	1,3	1,3
	rather boring	2	2,5	2,5	3,8
	partly/partly	8	10,0	10,0	13,8
	rather exciting	11	13,8	13,8	27,5
	quite exciting	36	45,0	45,0	72,5
	exciting	22	27,5	27,5	100,0
	Gesamt	80	100,0	100,0	

inefficient - efficient

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	inefficient	1	1,3	1,3	1,3
	quite inefficient	6	7,5	7,5	8,8
	rather inefficient	9	11,3	11,3	20,0
	partly/partly	16	20,0	20,0	40,0
	rather efficient	16	20,0	20,0	60,0
	quite efficient	26	32,5	32,5	92,5
	efficient	6	7,5	7,5	100,0
	Gesamt	80	100,0	100,0	

inexperienced - experienced

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	quite inexperienced	3	3,8	3,8	3,8
	rather inexperienced	3	3,8	3,8	7,5
	partly/partly	4	5,0	5,0	12,5
	rather experienced	18	22,5	22,5	35,0
	quite experienced	44	55,0	55,0	90,0
	experienced	8	10,0	10,0	100,0
	Gesamt	80	100,0	100,0	

irrelevant - relevant

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	rather relevant	8	10,0	10,0	10,0
	quite relevant	43	53,8	53,8	63,8
	relevant	29	36,3	36,3	100,0
	Gesamt	80	100,0	100,0	

unsupported - is supported

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	quite unsupported	2	2,5	2,5	2,5
	rather unsupported	5	6,3	6,3	8,8
	partly/partly	23	28,8	28,8	37,5
	rather supported	34	42,5	42,5	80,0
	quite supported	11	13,8	13,8	93,8
	supported	5	6,3	6,3	100,0
	Gesamt	80	100,0	100,0	

neutral for success of employer - positive for success of employer

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	quite neutral for the success of the employer	2	2,5	2,5	2,5
	rather neutral for the success of the employer	2	2,5	2,5	5,0
	partly/partly	5	6,3	6,3	11,3
	rather positive for the success of the employee	5	6,3	6,3	17,5
	quite positive for the success of the employee	35	43,8	43,8	61,3
	positive for the success of the employee	31	38,8	38,8	100,0
	Gesamt	80	100,0	100,0	

no learning benefit - learning benefit

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	quite little learning benefit	1	1,3	1,3	1,3
	partly/partly	1	1,3	1,3	2,5
	rather much learning benefit	8	10,0	10,0	12,5
	quite much learning benefit	52	65,0	65,0	77,5
	learning benefit	18	22,5	22,5	100,0
	Gesamt	80	100,0	100,0	

not professional - professional

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	not professional	1	1,3	1,3	1,3
	not quite professional	7	8,8	8,8	10,0
	not that professional	13	16,3	16,3	26,3
	partly/partly	6	7,5	7,5	33,8
	rather professional	20	25,0	25,0	58,8
	quite professional	27	33,8	33,8	92,5
	professional	6	7,5	7,5	100,0
	Gesamt	80	100,0	100,0	

training needed - sufficiently trained

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	in need of training	5	6,3	6,3	6,3
	quite in need of training	15	18,8	18,8	25,0
	rather in need of training	17	21,3	21,3	46,3
	partly/partly	5	6,3	6,3	52,5
	rather sufficiently trained	11	13,8	13,8	66,3
	quite sufficiently trained	24	30,0	30,0	96,3
	sufficiently trained	3	3,8	3,8	100,0
	Gesamt	80	100,0	100,0	

uninteresting - interesting

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	quite uninteresting	1	1,3	1,3	1,3
	partly/partly	2	2,5	2,5	3,8
	rather interesting	12	15,0	15,0	18,8
	quite interesting	39	48,8	48,8	67,5
	interesting	26	32,5	32,5	100,0
	Gesamt	80	100,0	100,0	

unreliable - reliable

		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	quite unreliable	3	3,8	3,8	3,8
	partly/partly	3	3,8	3,8	7,5
	rather unreliable	10	12,5	12,5	20,0
	rather reliable	17	21,3	21,3	41,3
	quite reliable	35	43,8	43,8	85,0
	reliable	12	15,0	15,0	100,0
	Gesamt	80	100,0	100,0	

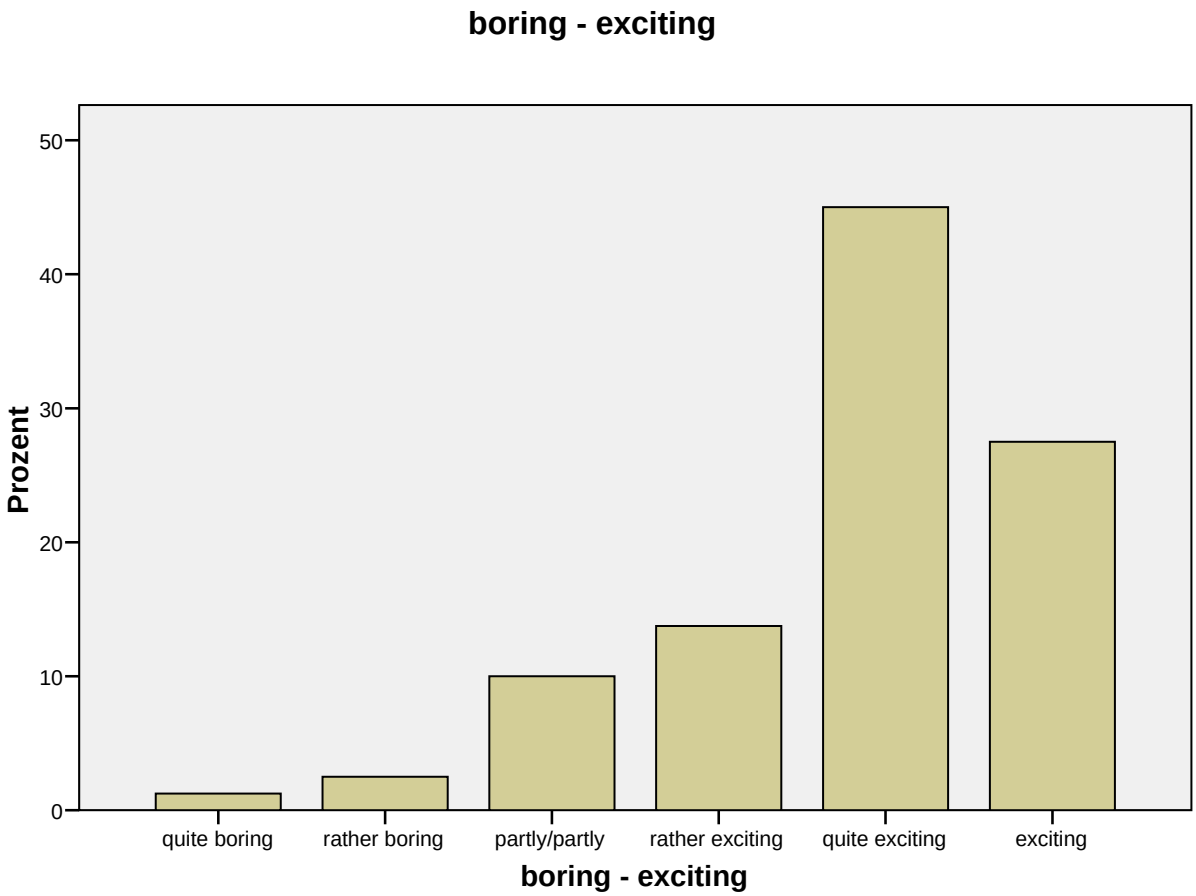
unimportant - important

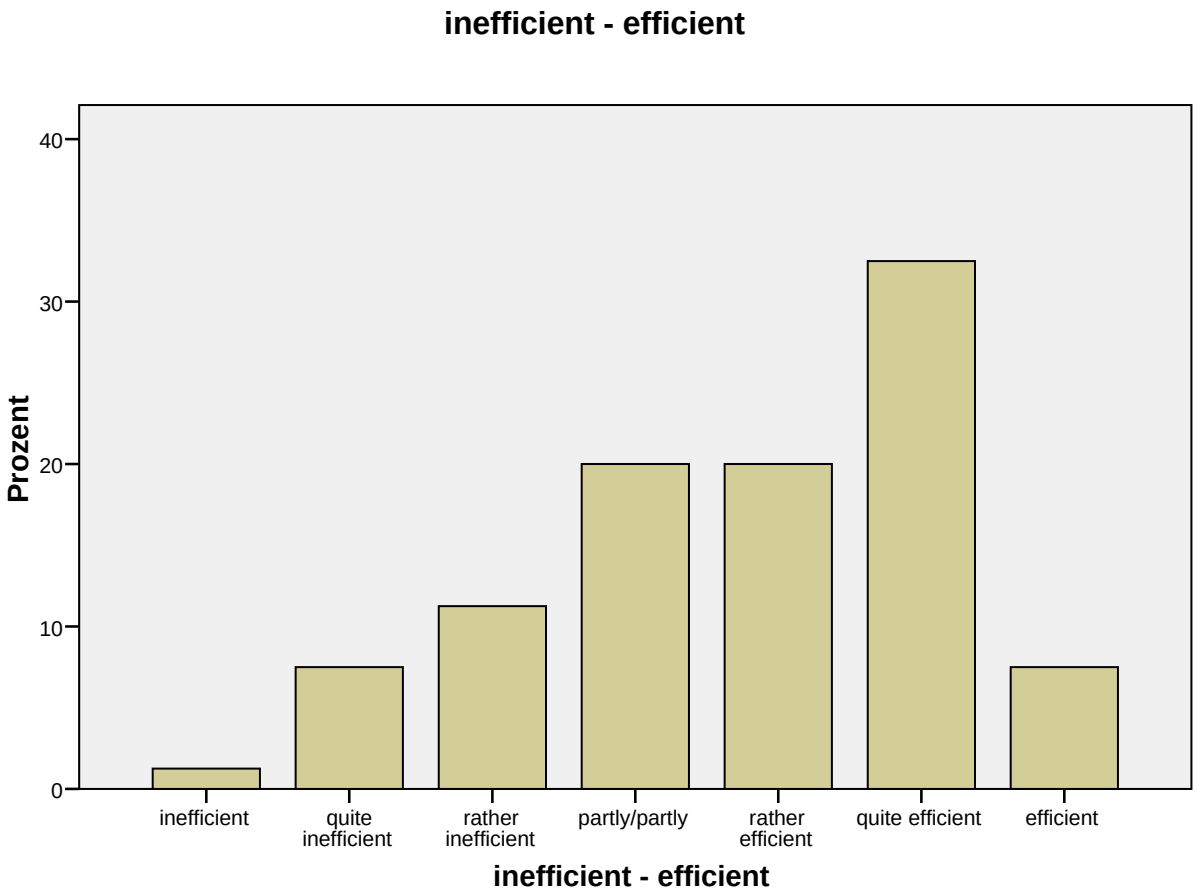
		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	rather important	9	11,3	11,3	11,3
	quite important	33	41,3	41,3	52,5
	important	38	47,5	47,5	100,0
	Gesamt	80	100,0	100,0	

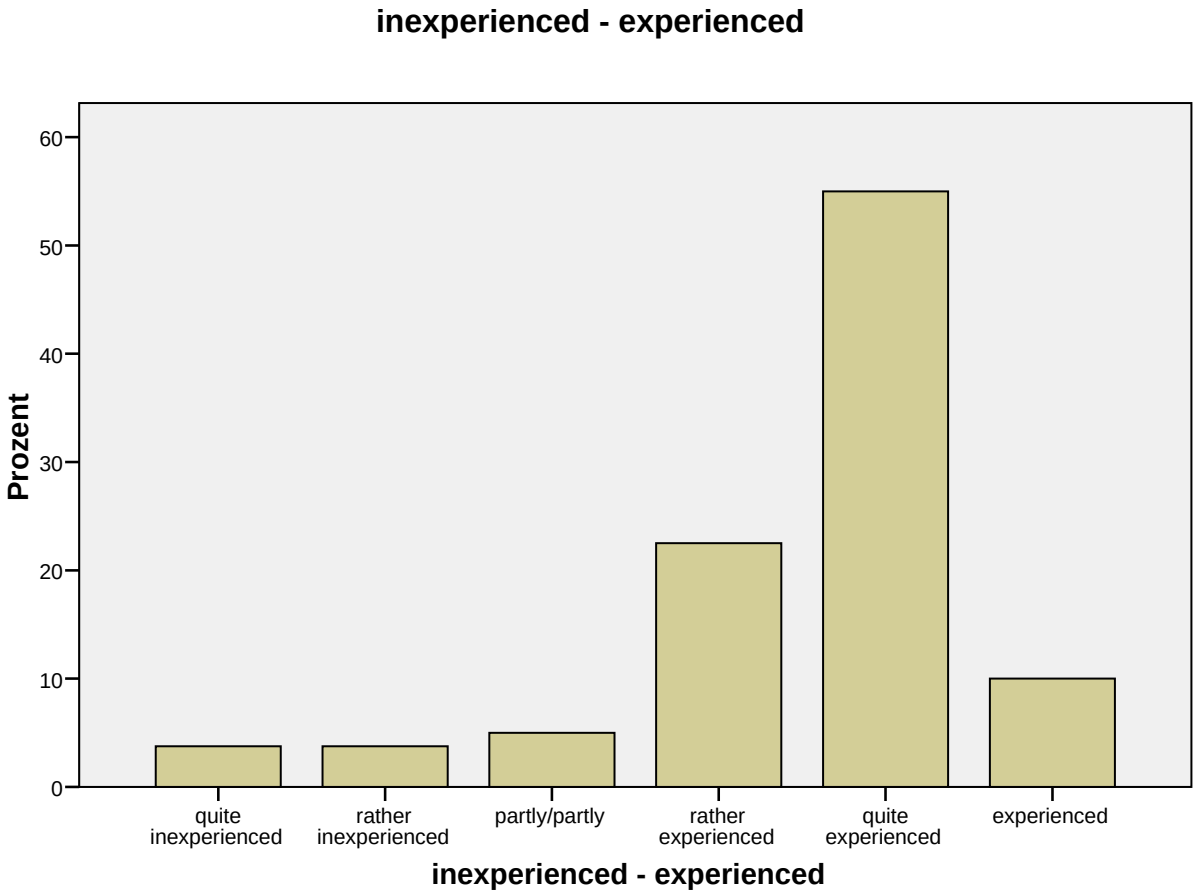
woolly - precise

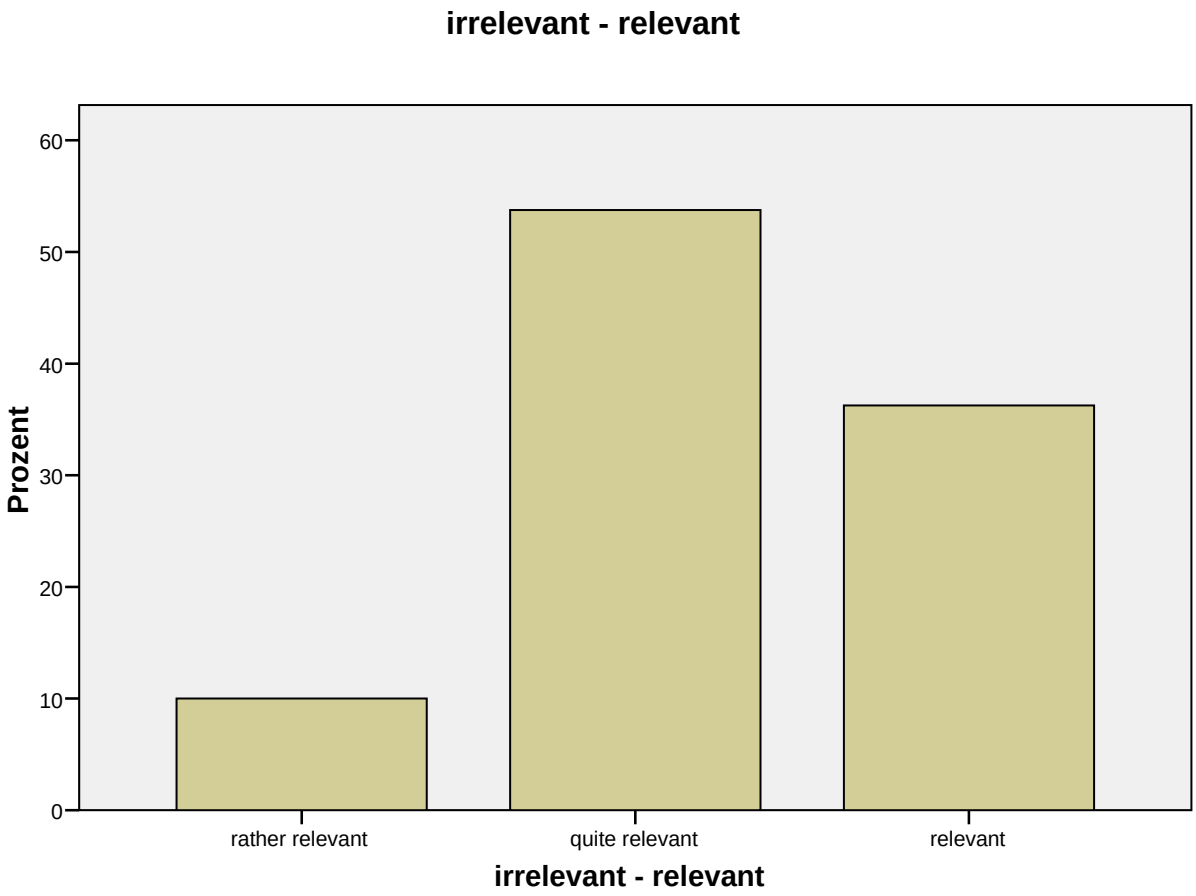
		Häufigkeit	Prozent	Gültige Prozente	Kumulierte Prozente
Gültig	quite woolly	3	3,8	3,8	3,8
	rather woolly	3	3,8	3,8	7,5
	partly/partly	19	23,8	23,8	31,3
	rather precise	21	26,3	26,3	57,5
	quite precise	25	31,3	31,3	88,8
	precise	9	11,3	11,3	100,0
	Gesamt	80	100,0	100,0	

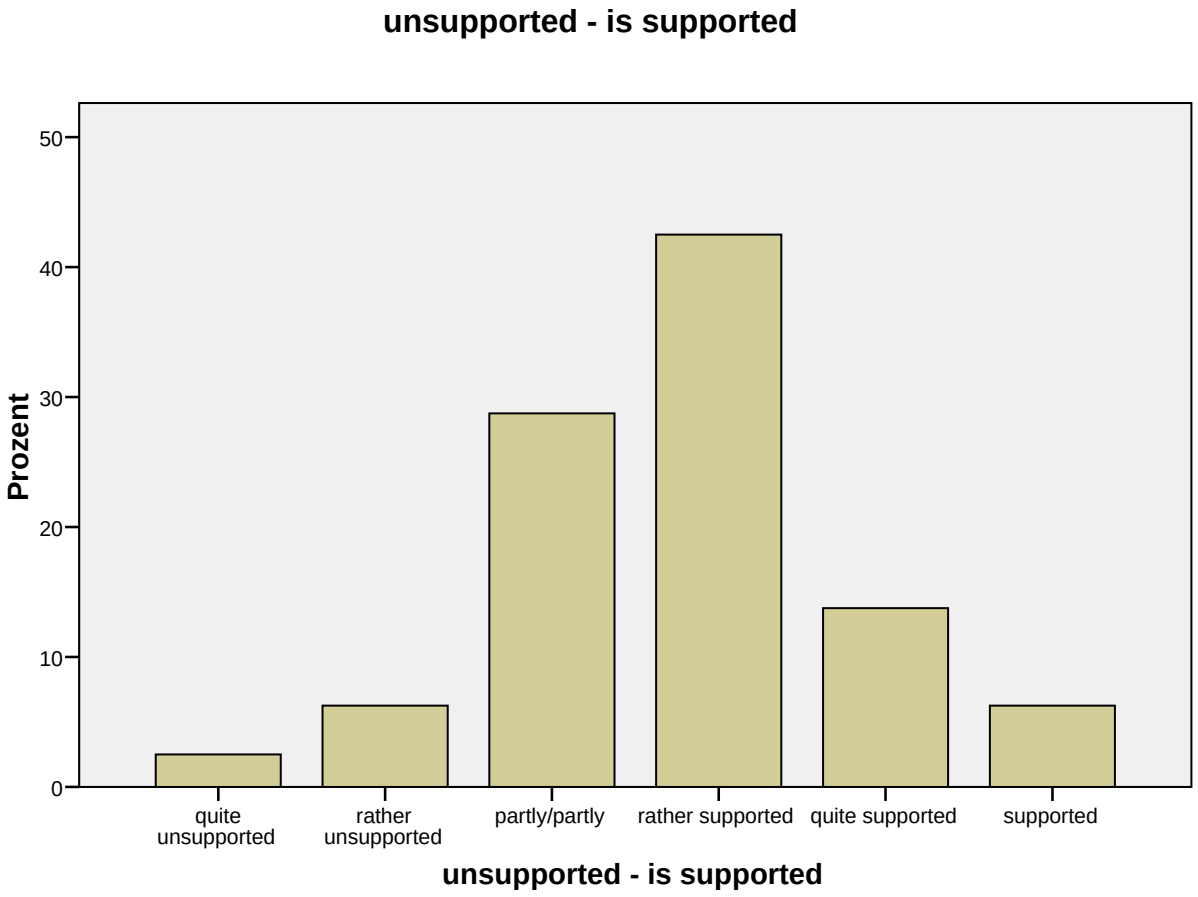
Balkendiagramm

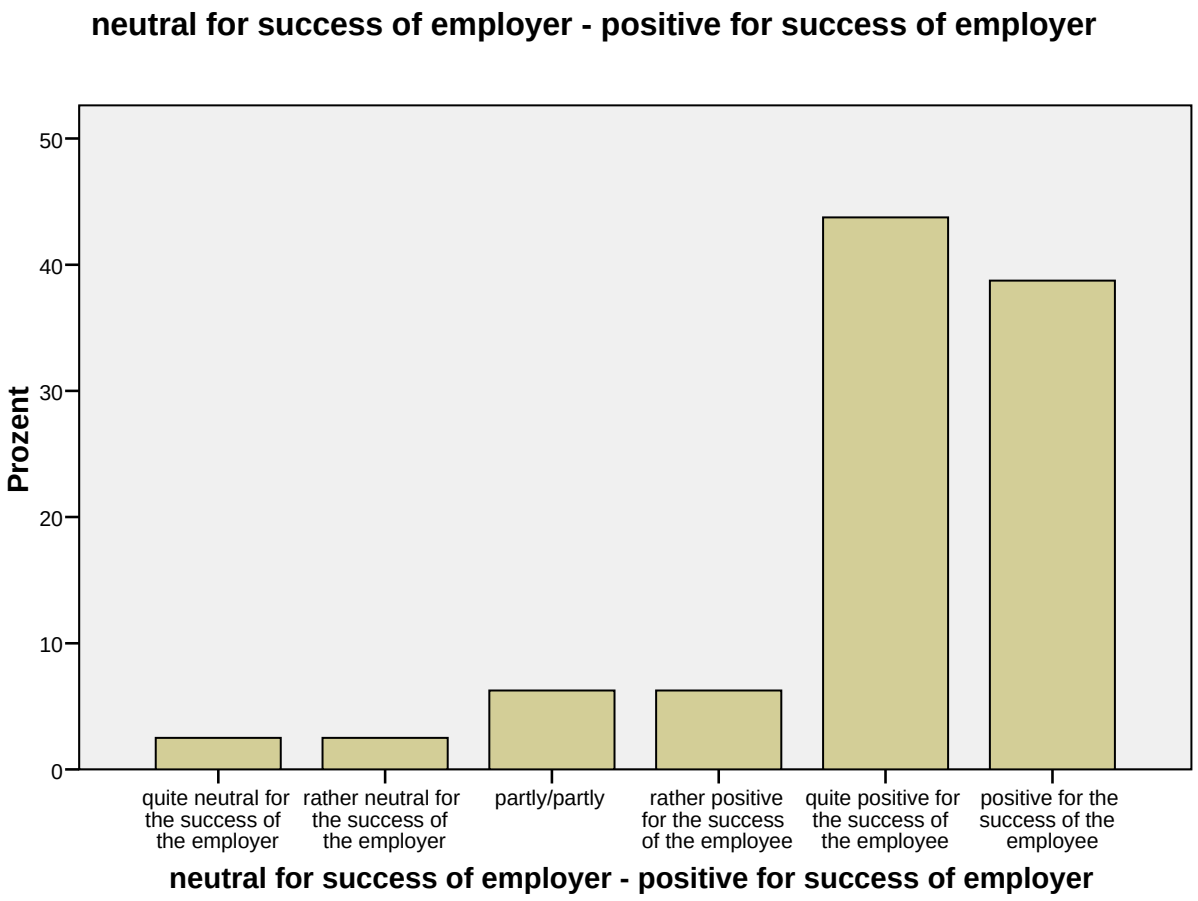

boring - exciting
Prozent
50
40
30
20
10
0
quite boring
rather boring
partly/partly
rather exciting
quite exciting
exciting
boring - exciting

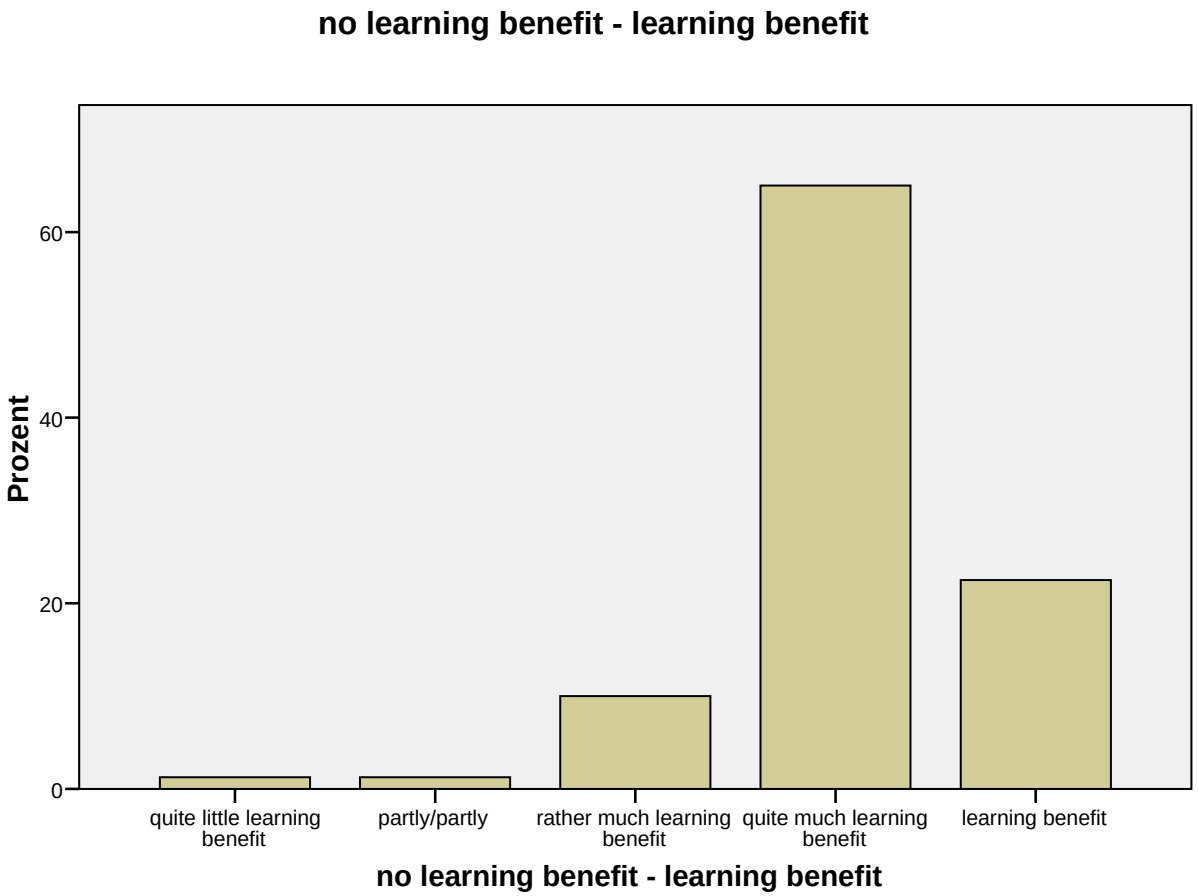

inefficient - efficient
Prozent
40
30
20
10
0
inefficient
quite inefficient
rather inefficient
partly/partly
rather efficient
quite efficient
efficient
inefficient - efficient

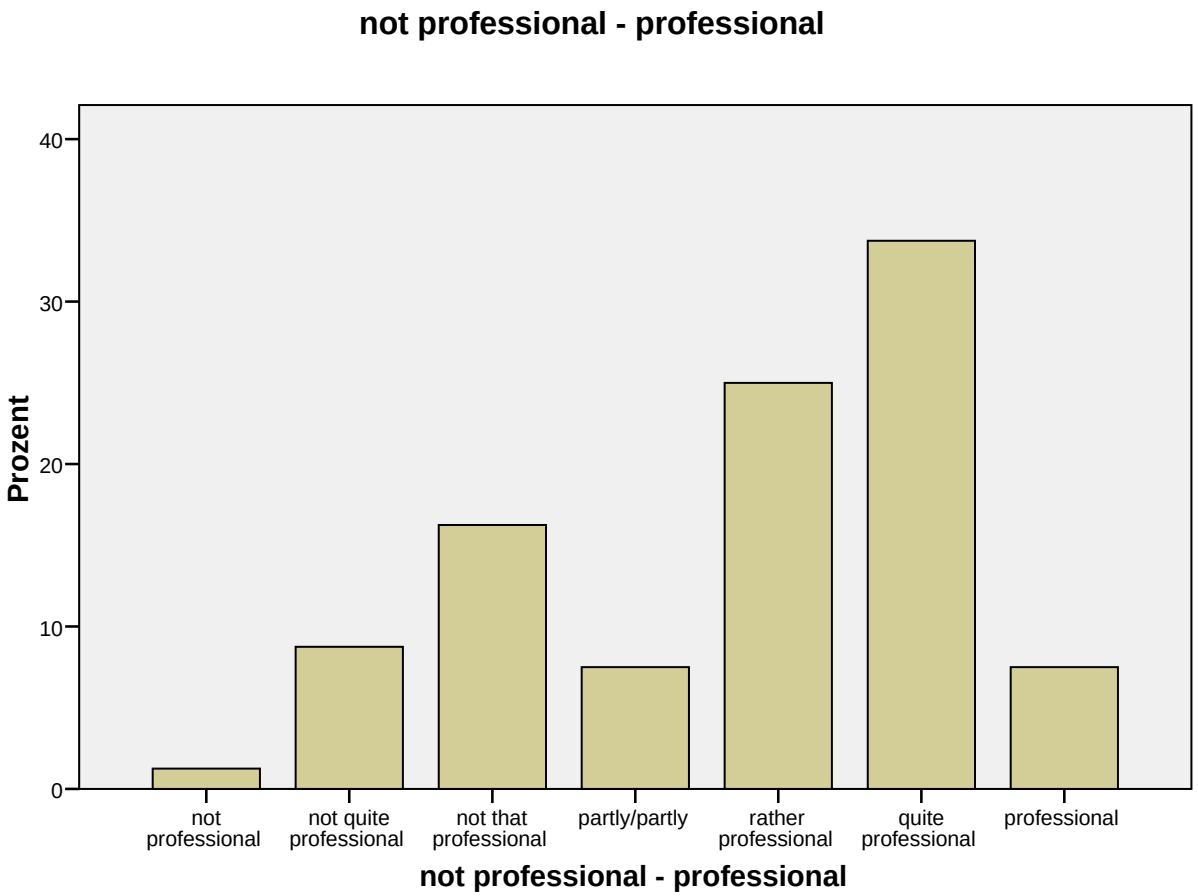

inexperienced - experienced
Prozent
60
50
40
30
20
10
0
quite inexperienced
rather inexperienced
partly/partly
rather experienced
quite experienced
experienced
inexperienced - experienced


irrelevant - relevant
Prozent
60
50
40
30
20
10
0
rather relevant
quite relevant
relevant
irrelevant - relevant

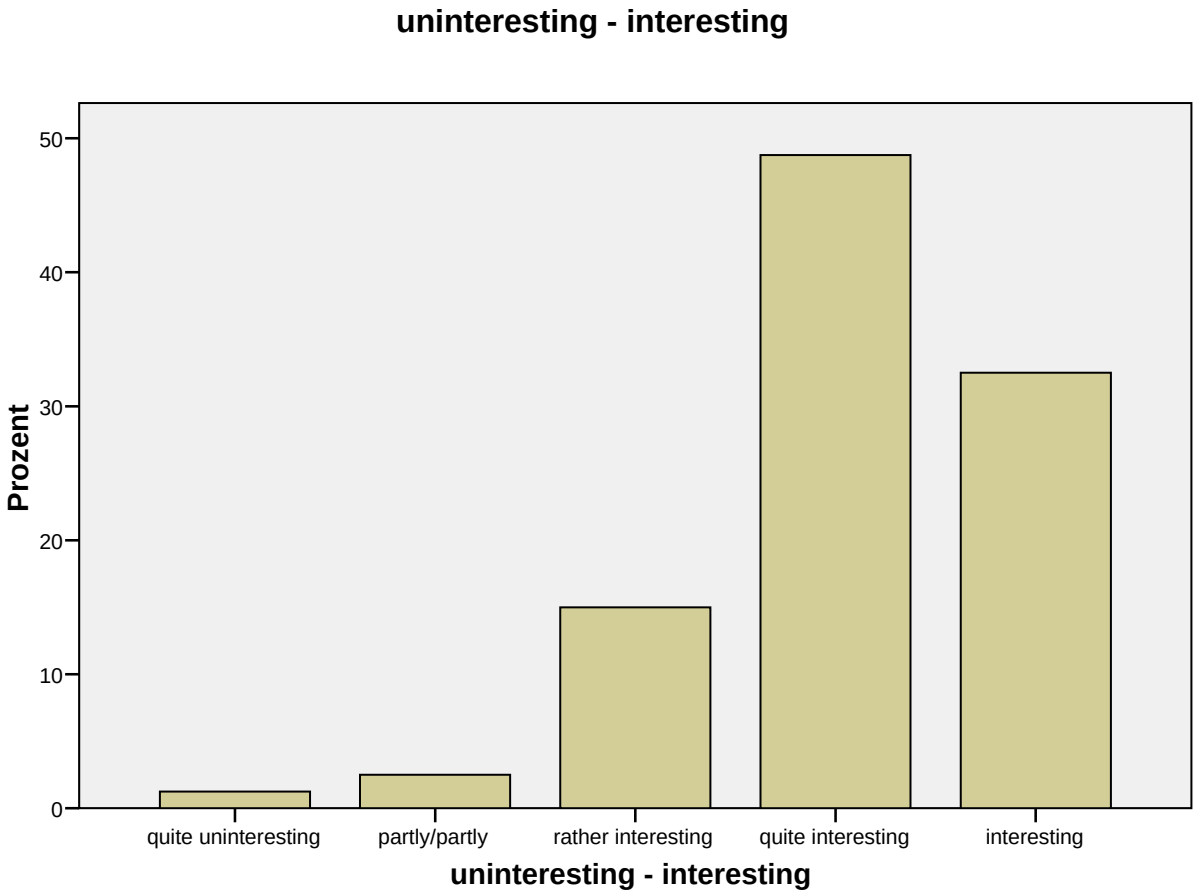

unsupported - is supported
Prozent
50
40
30
20
10
0
quite unsupported
rather unsupported
partly/partly
rather supported
quite supported
supported
unsupported - is supported

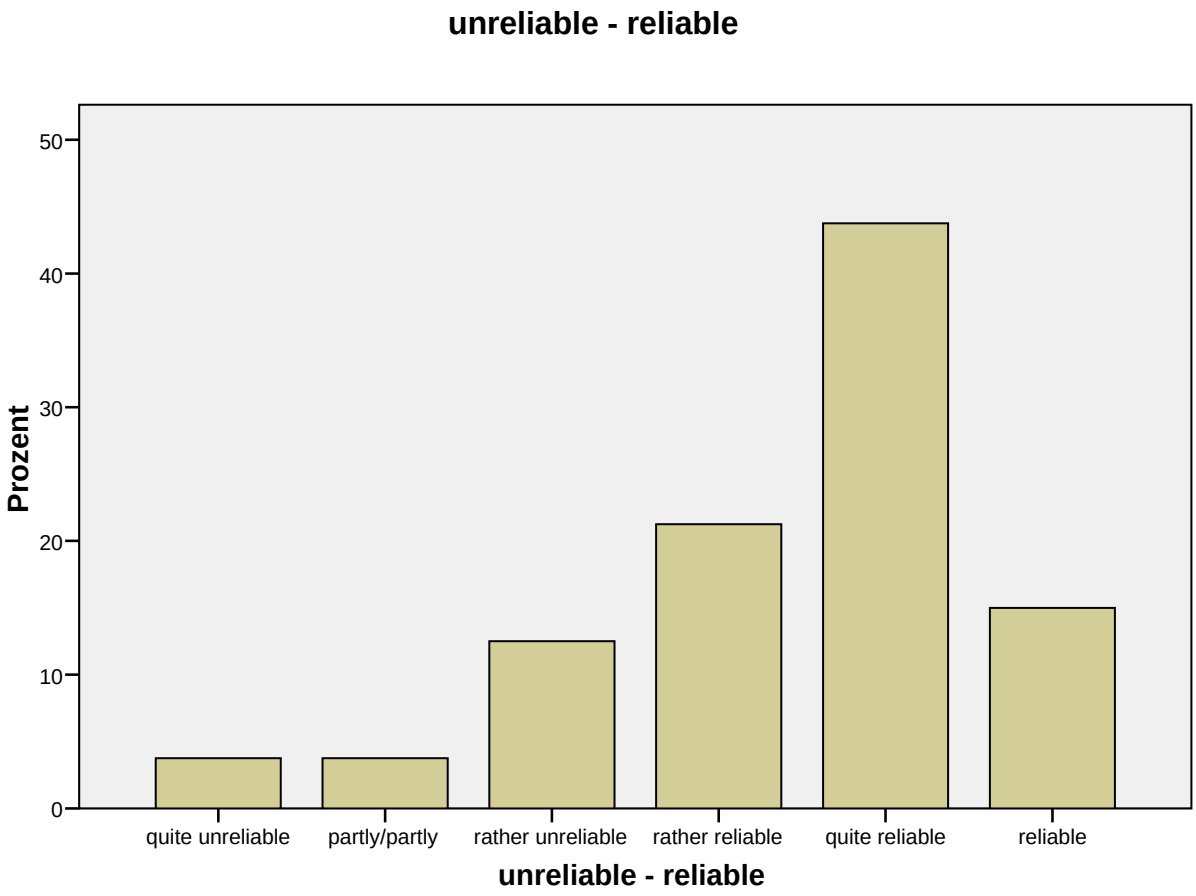

neutral for success of employer - positive for success of employer
Prozent
50
40
30
20
10
0
quite neutral for the success of the employer
rather neutral for the success of the employer
partly/partly
rather positive for the success of the employee
quite positive for the success of the employee
positive for the success of the employee
neutral for success of employer - positive for success of employer

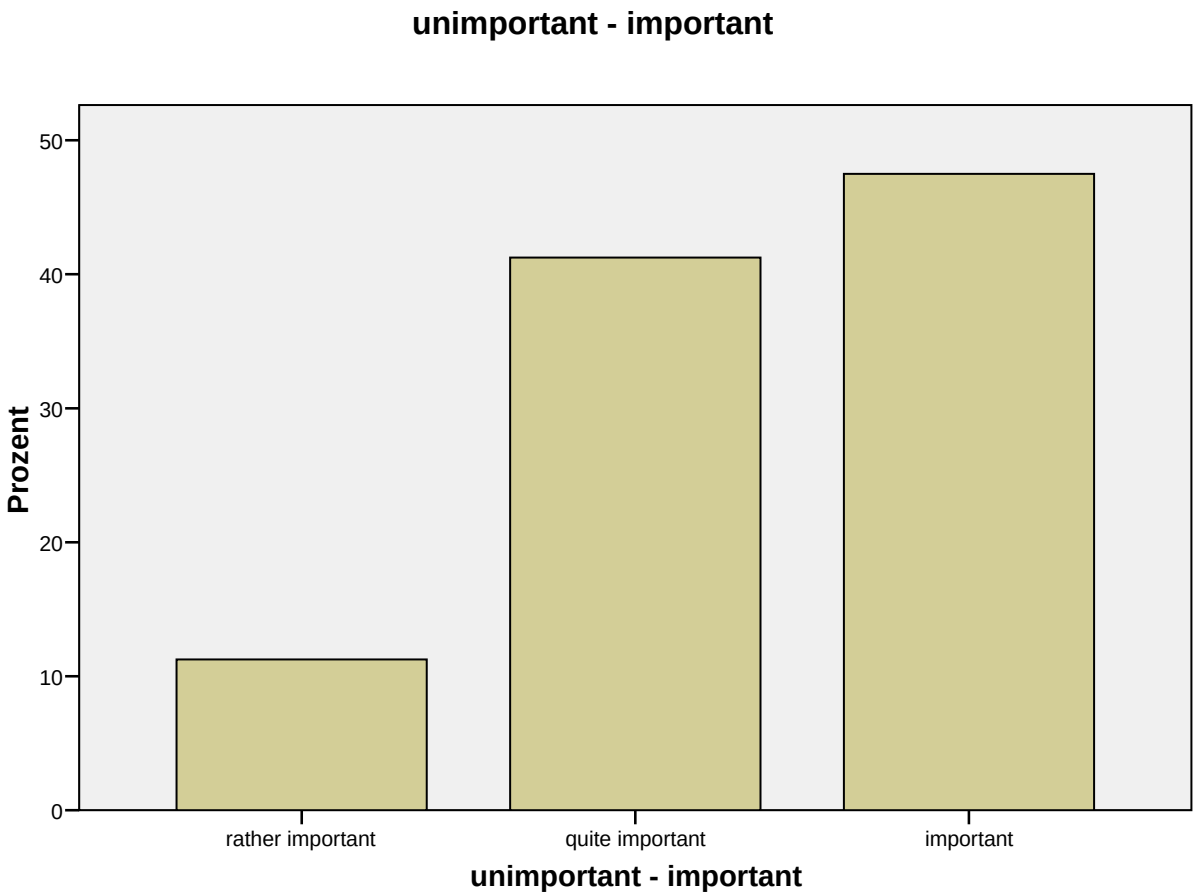

no learning benefit - learning benefit
Prozent
60
40
20
0
quite little learning benefit
partly/partly
rather much learning benefit
quite much learning benefit
learning benefit
no learning benefit - learning benefit

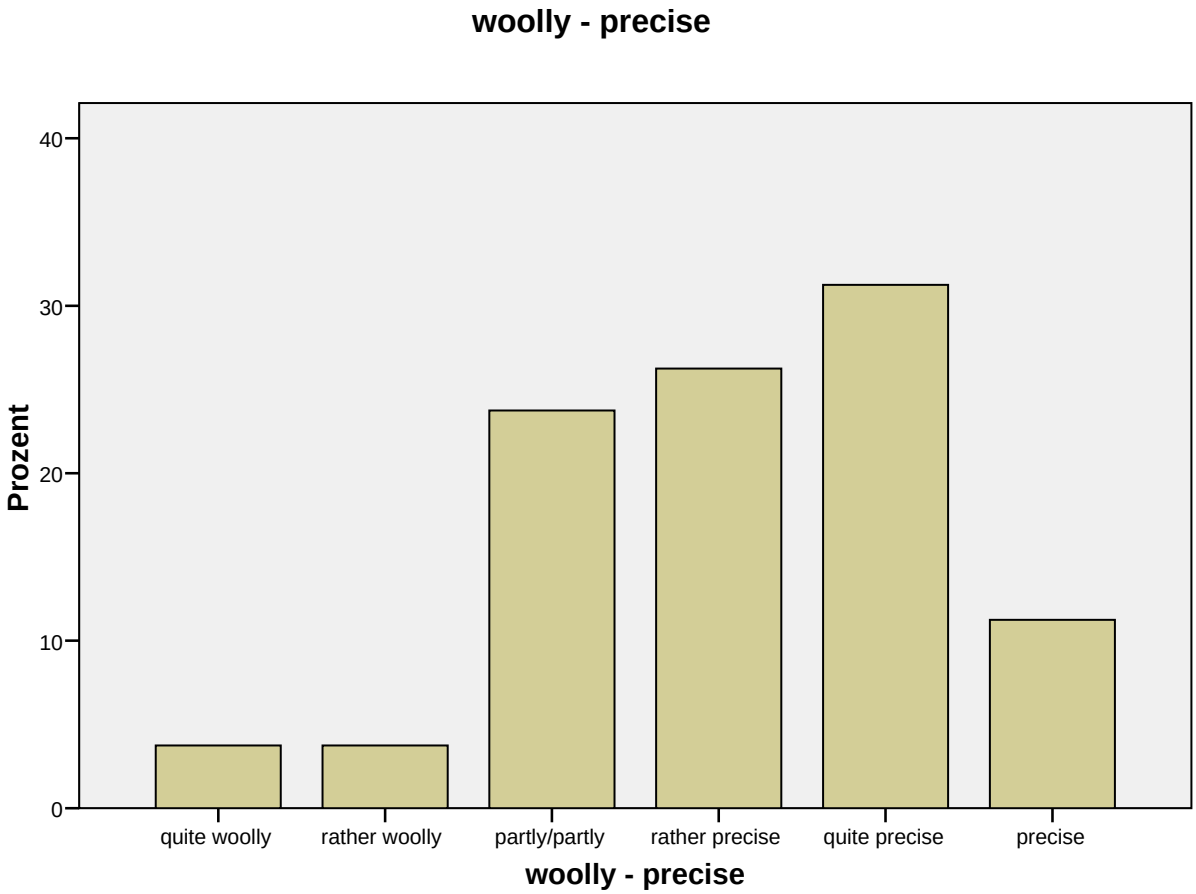

not professional - professional
Prozent
40
30
20
10
0
not professional
not quite professional
not that professional
partly/partly
rather professional
quite professional
professional
not professional - professional


training needed - sufficiently trained
Prozent
30
20
10
0
in need of training
quite in need of training
rather in need of training
partly/partly
rather sufficiently trained
quite sufficiently trained
sufficiently trained
training needed - sufficiently trained


uninteresting - interesting
Prozent
50
40
30
20
10
0
quite uninteresting
partly/partly
rather interesting
quite interesting
interesting
uninteresting - interesting


unreliable - reliable
Prozent
50
40
30
20
10
0
quite unreliable
partly/partly
rather unreliable
rather reliable
quite reliable
reliable
unreliable - reliable


unimportant - important
Prozent
50
40
30
20
10
0
rather important
quite important
important
unimportant - important



Explorative Datenanalyse

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Verarbeitete Fälle

	Fälle					
	Gültig		Fehlend		Gesamt	
	N	Prozent	N	Prozent	N	Prozent
boring - exciting	80	100,0%	0	,0%	80	100,0%
inefficient - efficient	80	100,0%	0	,0%	80	100,0%
inexperienced - experienced	80	100,0%	0	,0%	80	100,0%
irrelevant - relevant	80	100,0%	0	,0%	80	100,0%
unsupported - is supported	80	100,0%	0	,0%	80	100,0%
neutral for success of employer - positive for success of employer	80	100,0%	0	,0%	80	100,0%
no learning benefit - learning benefit	80	100,0%	0	,0%	80	100,0%
not professional - professional	80	100,0%	0	,0%	80	100,0%
training needed - sufficiently trained	80	100,0%	0	,0%	80	100,0%
uninteresting - interesting	80	100,0%	0	,0%	80	100,0%
unreliable - reliable	80	100,0%	0	,0%	80	100,0%
woolly - precise	80	100,0%	0	,0%	80	100,0%
unimportant - important	80	100,0%	0	,0%	80	100,0%

Deskriptive Statistik

			Statistik	Standardfehler
boring - exciting	Mittelwert		4,81	,123
	95% Konfidenzintervall des Mittelwerts	Untergrenze	4,57	
		Obergrenze	5,06	
	5% getrimmtes Mittel		4,90	
	Median		5,00	
	Varianz		1,218	
	Standardabweichung		1,103	
	Minimum		1	
	Maximum		6	
	Spannweite		5	
	Interquartilbereich		2	
	Schiefe		-1,125	,269
	Kurtosis		1,225	,532
inefficient - efficient	Mittelwert		3,78	,163
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,45	
		Obergrenze	4,10	
	5% getrimmtes Mittel		3,82	
	Median		4,00	
	Varianz		2,126	
	Standardabweichung		1,458	
	Minimum		0	
	Maximum		6	
	Spannweite		6	
	Interquartilbereich		2	
	Schiefe		-,527	,269
	Kurtosis		-,520	,532
inexperienced -	Mittelwert		4,51	,125

Deskriptive Statistik

			Statistik	Standardfehler
inexperienced - experienced	95% Konfidenzintervall des Mittelwerts	Untergrenze	4,26	
		Obergrenze	4,76	
	5% getrimmtes Mittel		4,61	
	Median		5,00	
	Varianz		1,240	
	Standardabweichung		1,114	
	Minimum		1	
	Maximum		6	
	Spannweite		5	
	Interquartilbereich		1	
	Schiefe		-1,527	,269
	Kurtosis		2,564	,532
irrelevant - relevant	Mittelwert		5,26	,071
	95% Konfidenzintervall des Mittelwerts	Untergrenze	5,12	
		Obergrenze	5,40	
	5% getrimmtes Mittel		5,29	
	Median		5,00	
	Varianz		,399	
	Standardabweichung		,631	
	Minimum		4	
	Maximum		6	
	Spannweite		2	
	Interquartilbereich		1	
	Schiefe		-,271	,269
	Kurtosis		-,615	,532
unsupported - is supported	Mittelwert		3,78	,118
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,54	
		Obergrenze	4,01	
	5% getrimmtes Mittel		3,78	
	Median		4,00	
	Varianz		1,113	
	Standardabweichung		1,055	
	Minimum		1	
	Maximum		6	
	Spannweite		5	
	Interquartilbereich		1	
	Schiefe		-,063	,269
	Kurtosis		,452	,532
neutral for success of employer - positive for success of employer	Mittelwert		5,03	,129
	95% Konfidenzintervall des Mittelwerts	Untergrenze	4,77	
		Obergrenze	5,28	
	5% getrimmtes Mittel		5,17	
	Median		5,00	
	Varianz		1,341	
	Standardabweichung		1,158	
	Minimum		1	
	Maximum		6	
	Spannweite		5	
	Interquartilbereich		1	
	Schiefe		-1,705	,269
	Kurtosis		3,033	,532

Deskriptive Statistik

			Statistik	Standardfehler
no learning benefit - learning benefit	Mittelwert		5,05	,085
	95% Konfidenzintervall des Mittelwerts	Untergrenze	4,88	
		Obergrenze	5,22	
	5% getrimmtes Mittel		5,11	
	Median		5,00	
	Varianz		,580	
	Standardabweichung		,761	
	Minimum		1	
	Maximum		6	
	Spannweite		5	
	Interquartilbereich		0	
	Schiefe		-2,026	,269
	Kurtosis		9,523	,532
not professional - professional	Mittelwert		3,78	,171
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,44	
		Obergrenze	4,11	
	5% getrimmtes Mittel		3,82	
	Median		4,00	
	Varianz		2,328	
	Standardabweichung		1,526	
	Minimum		0	
	Maximum		6	
	Spannweite		6	
	Interquartilbereich		3	
	Schiefe		-,595	,269
	Kurtosis		-,706	,532
training needed - sufficiently trained	Mittelwert		3,08	,201
	95% Konfidenzintervall des Mittelwerts	Untergrenze	2,67	
		Obergrenze	3,48	
	5% getrimmtes Mittel		3,10	
	Median		3,00	
	Varianz		3,235	
	Standardabweichung		1,799	
	Minimum		0	
	Maximum		6	
	Spannweite		6	
	Interquartilbereich		4	
	Schiefe		-,102	,269
	Kurtosis		-1,414	,532

Deskriptive Statistik

			Statistik	Standardfehler
uninteresting - interesting	Mittelwert		5,08	,099
	95% Konfidenzintervall des Mittelwerts	Untergrenze	4,88	
		Obergrenze	5,27	
	5% getrimmtes Mittel		5,15	
	Median		5,00	
	Varianz		,779	
	Standardabweichung		,883	
	Minimum		1	
	Maximum		6	
	Spannweite		5	
	Interquartilbereich		1	
	Schiefe		-1,508	,269
	Kurtosis		4,710	,532
unreliable - reliable	Mittelwert		4,43	,136
	95% Konfidenzintervall des Mittelwerts	Untergrenze	4,15	
		Obergrenze	4,70	
	5% getrimmtes Mittel		4,51	
	Median		5,00	
	Varianz		1,488	
	Standardabweichung		1,220	
	Minimum		1	
	Maximum		6	
	Spannweite		5	
	Interquartilbereich		1	
	Schiefe		-1,002	,269
	Kurtosis		,806	,532
woolly - precise	Mittelwert		4,11	,137
	95% Konfidenzintervall des Mittelwerts	Untergrenze	3,84	
		Obergrenze	4,38	
	5% getrimmtes Mittel		4,17	
	Median		4,00	
	Varianz		1,494	
	Standardabweichung		1,222	
	Minimum		1	
	Maximum		6	
	Spannweite		5	
	Interquartilbereich		2	
	Schiefe		-,476	,269
	Kurtosis		-,055	,532
unimportant - important	Mittelwert		5,36	,076
	95% Konfidenzintervall des Mittelwerts	Untergrenze	5,21	
		Obergrenze	5,51	
	5% getrimmtes Mittel		5,40	
	Median		5,00	
	Varianz		,462	
	Standardabweichung		,680	
	Minimum		4	
	Maximum		6	
	Spannweite		2	
	Interquartilbereich		1	
	Schiefe		-,599	,269
	Kurtosis		-,693	,532

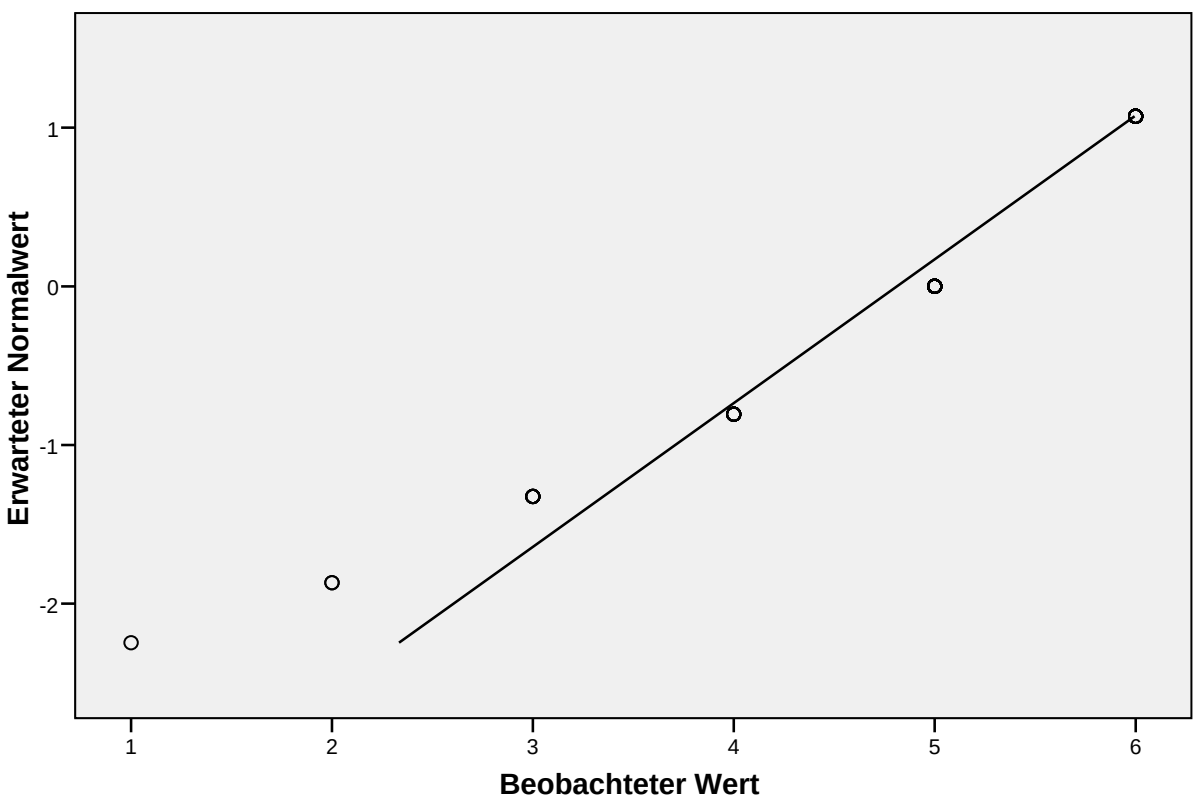
Tests auf Normalverteilung

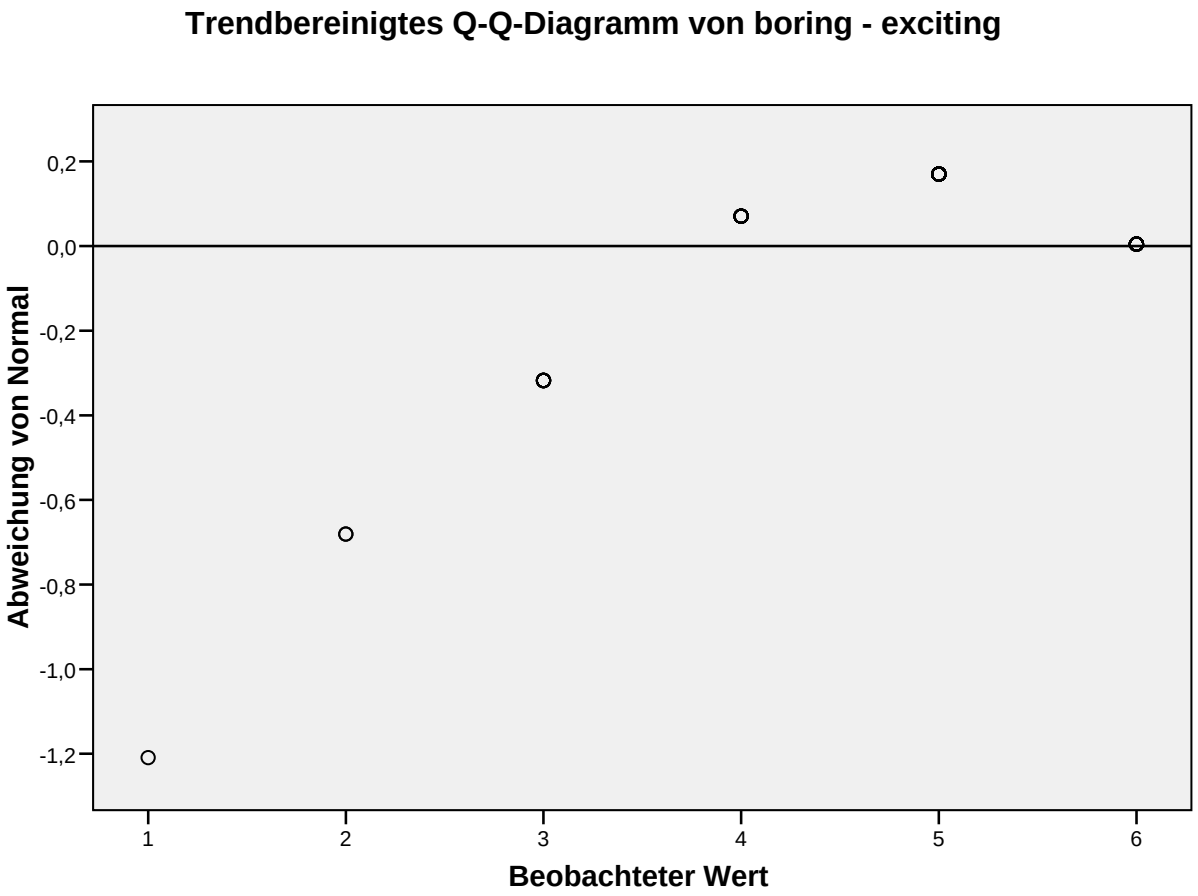
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistik	df	Signifikanz	Statistik	df	Signifikanz
boring - exciting	,292	80	,000	,836	80	,000
inefficient - efficient	,200	80	,000	,916	80	,000
inexperienced - experienced	,319	80	,000	,778	80	,000
irrelevant - relevant	,299	80	,000	,770	80	,000
unsupported - is supported	,216	80	,000	,911	80	,000
neutral for success of employer - positive for success of employer	,316	80	,000	,747	80	,000
no learning benefit - learning benefit	,349	80	,000	,696	80	,000
not professional - professional	,221	80	,000	,891	80	,000
training needed - sufficiently trained	,195	80	,000	,888	80	,000
uninteresting - interesting	,279	80	,000	,786	80	,000
unreliable - reliable	,269	80	,000	,864	80	,000
woolly - precise	,191	80	,000	,914	80	,000
unimportant - important	,301	80	,000	,761	80	,000

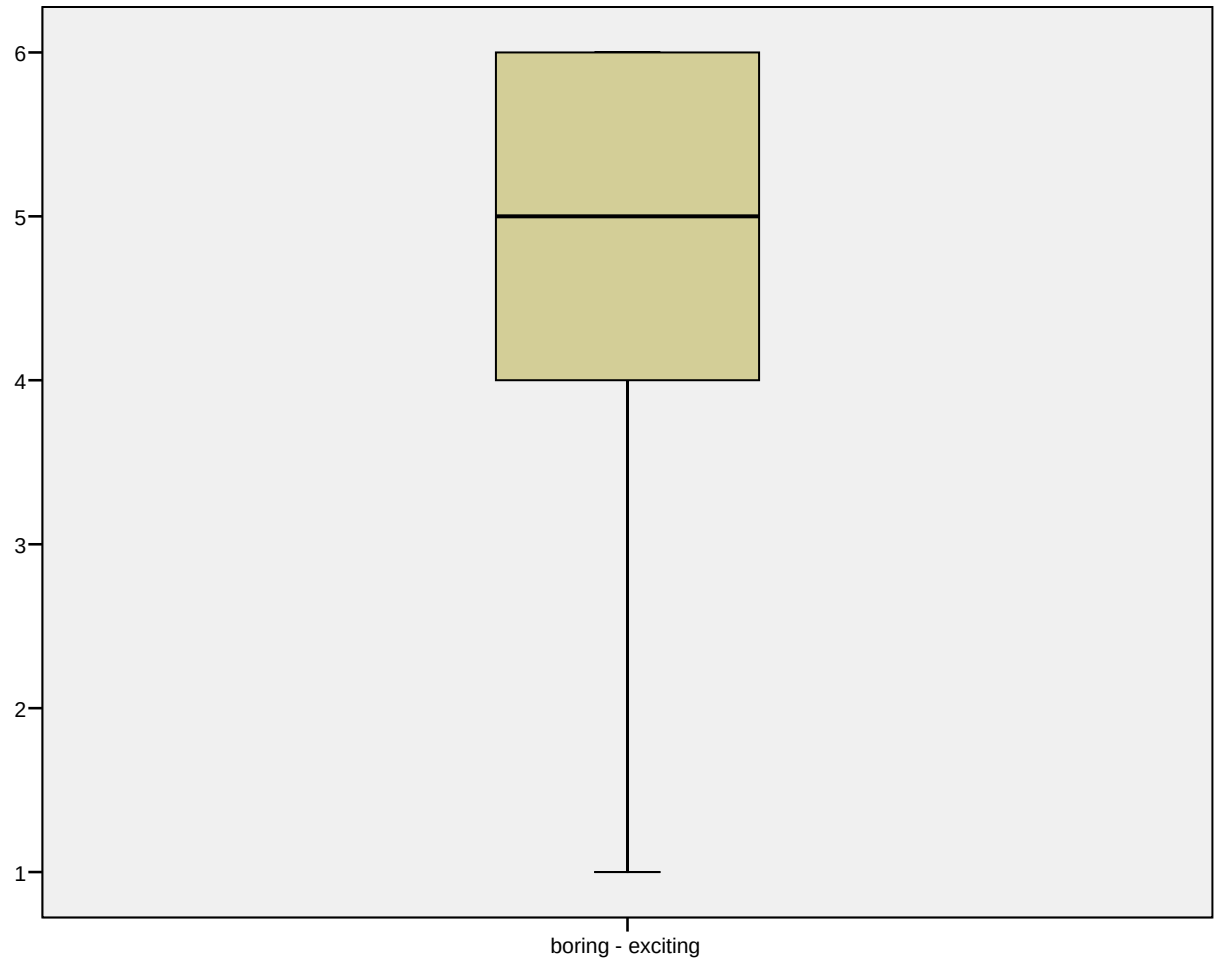
a. Signifikanzkorrektur nach Lilliefors

boring - exciting

```
boring - exciting Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     1,00        1 .  0
     2,00        2 .  00
     8,00        3 .  00000000
    11,00        4 .  00000000000
    36,00        5 .  000000000000000000000000000000000000
    22,00        6 .  0000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```

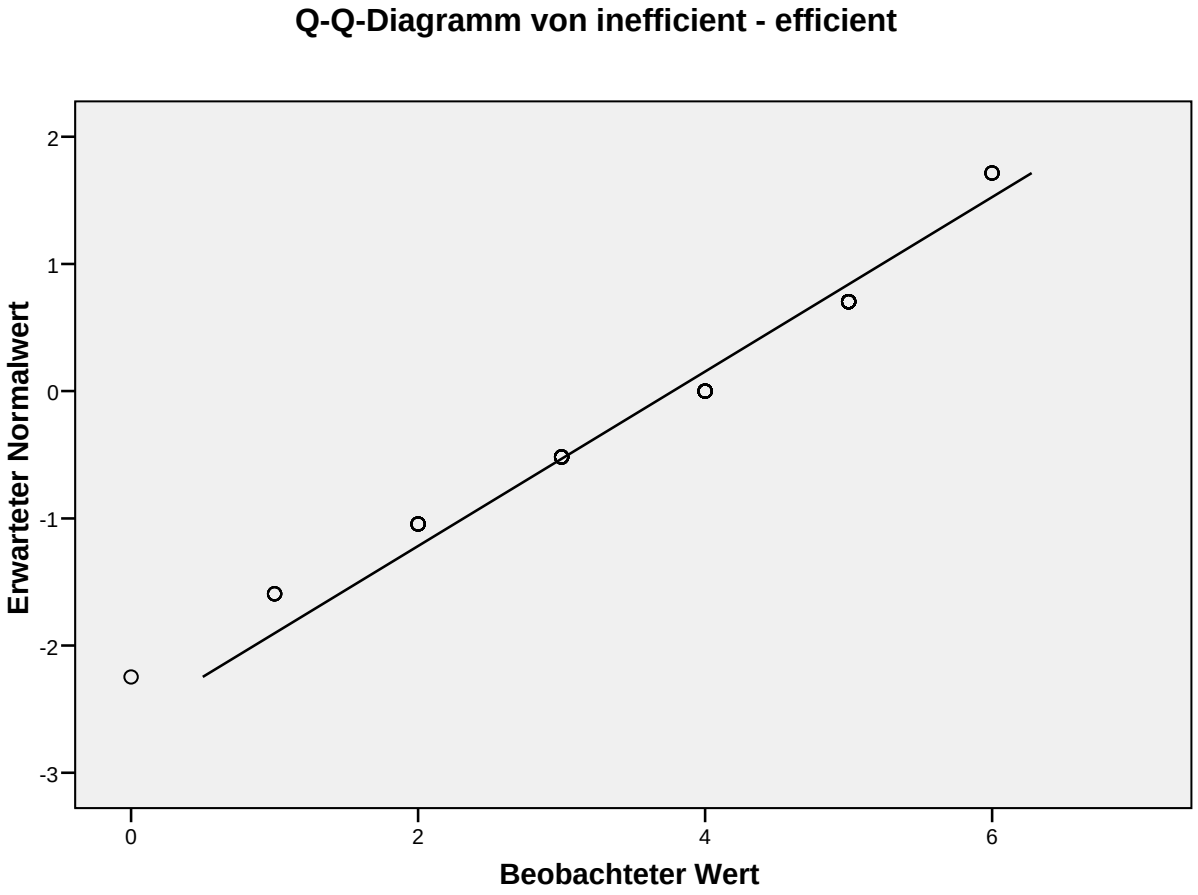

Q-Q-Diagramm von boring - exciting
Erwarteter Normalwert
1
0
-1
-2
1
2
3
4
5
6
Beobachteter Wert

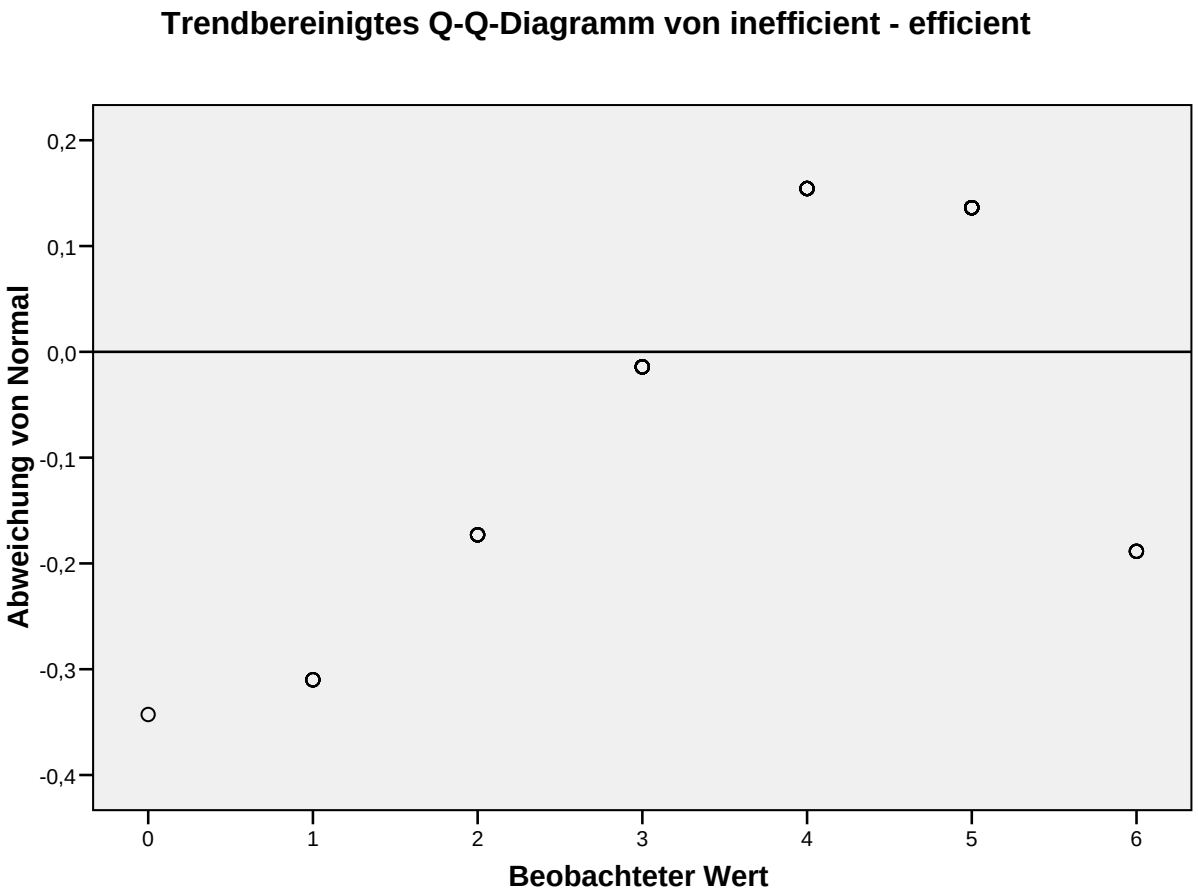

Trendbereinigtes Q-Q-Diagramm von boring - exciting
Abweichung von Normal
0,2
0,0
-0,2
-0,4
-0,6
-0,8
-1,0
-1,2
1
2
3
4
5
6
Beobachteter Wert



inefficient - efficient

```
inefficient - efficient Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     1,00        0 .  0
     6,00        1 .  000000
     9,00        2 .  000000000
    16,00        3 .  0000000000000000
    16,00        4 .  0000000000000000
    26,00        5 .  00000000000000000000000000
     6,00        6 .  000000

 Stem width:         1
 Each leaf:       1 case(s)
```

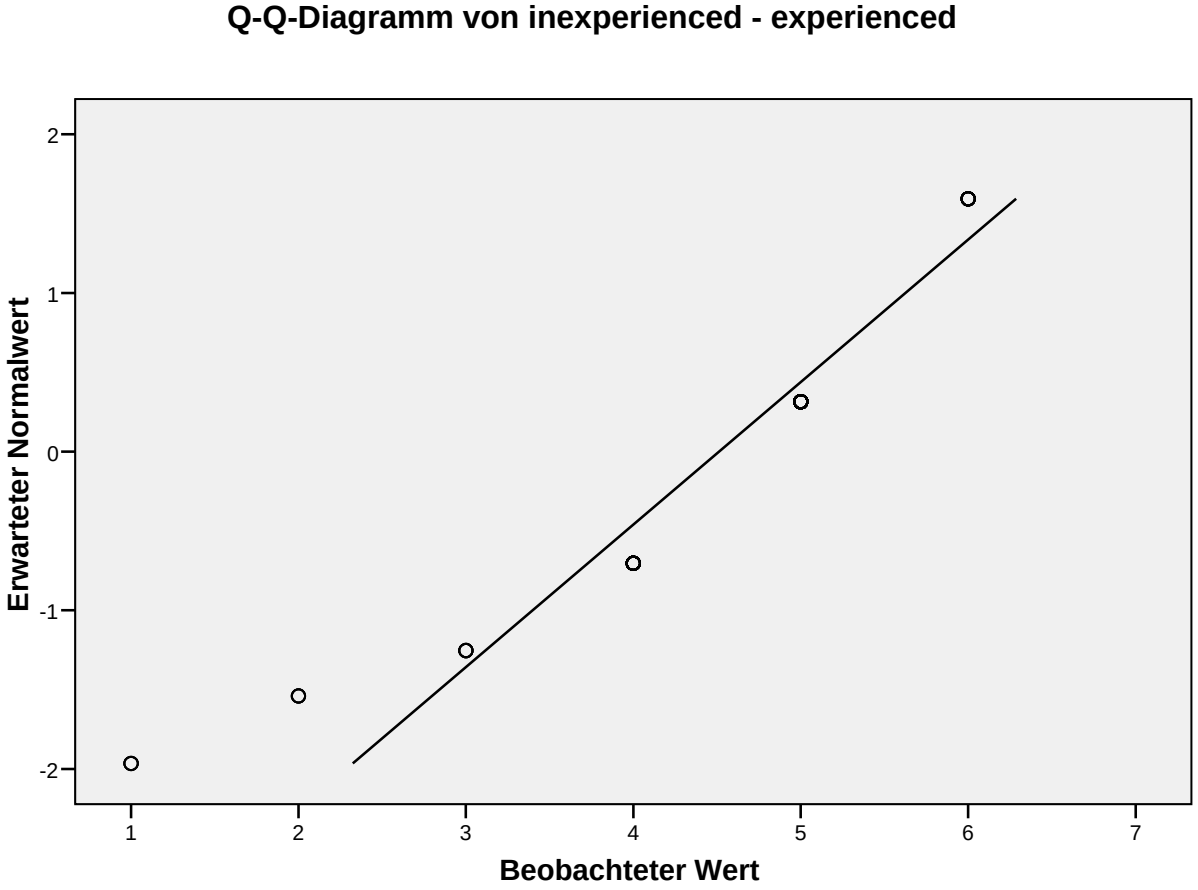

Q-Q-Diagramm von inefficient - efficient
Erwarteter Normalwert
2
1
0
-1
-2
-3
0
2
4
6
Beobachteter Wert


Trendbereinigtes Q-Q-Diagramm von inefficient - efficient
Abweichung von Normal
0,2
0,1
0,0
-0,1
-0,2
-0,3
-0,4
0
1
2
3
4
5
6
Beobachteter Wert

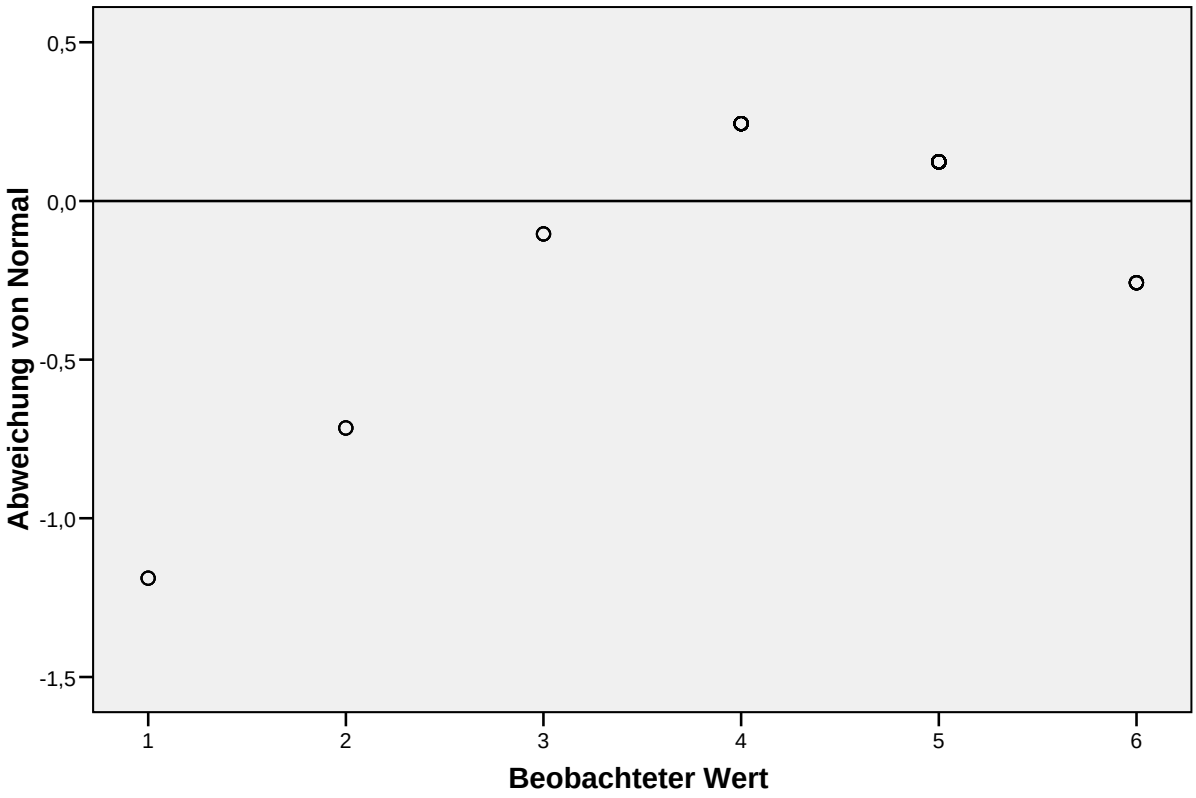
inexperienced - experienced

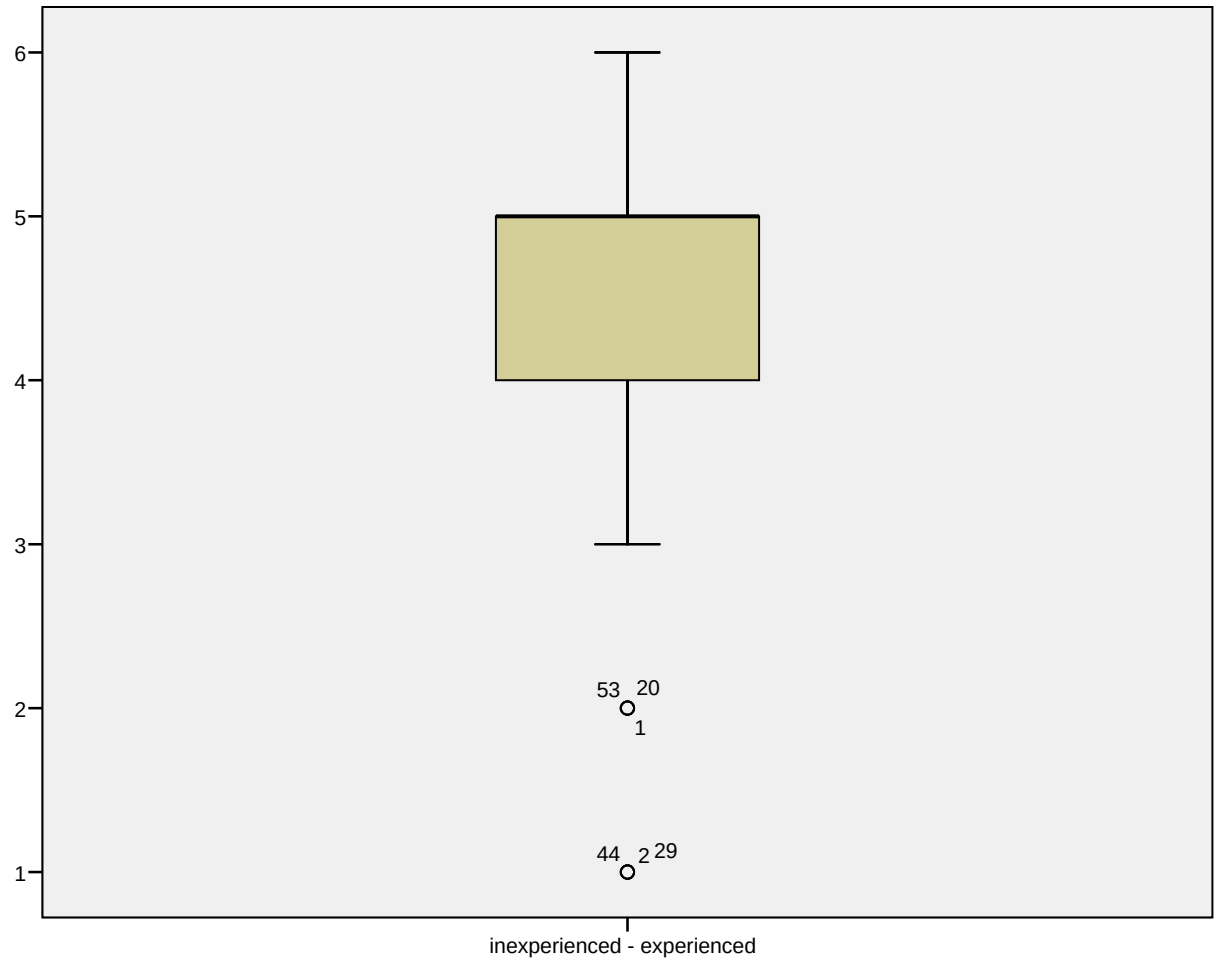
inexperienced - experienced Stem-and-Leaf Plot

```
 Frequency    Stem &  Leaf

     6,00 Extremes    (=<2,0)
     4,00        3 .  0000
      ,00        3 .
    18,00        4 .  000000000000000000
      ,00        4 .
    44,00        5 .  00000000000000000000000000000000000000000000
      ,00        5 .
     8,00        6 .  00000000

 Stem width:         1
 Each leaf:       1 case(s)
```


Q-Q-Diagramm von inexperienced - experienced
Erwarteter Normalwert
2
1
0
-1
-2
1
2
3
4
5
6
7
Beobachteter Wert

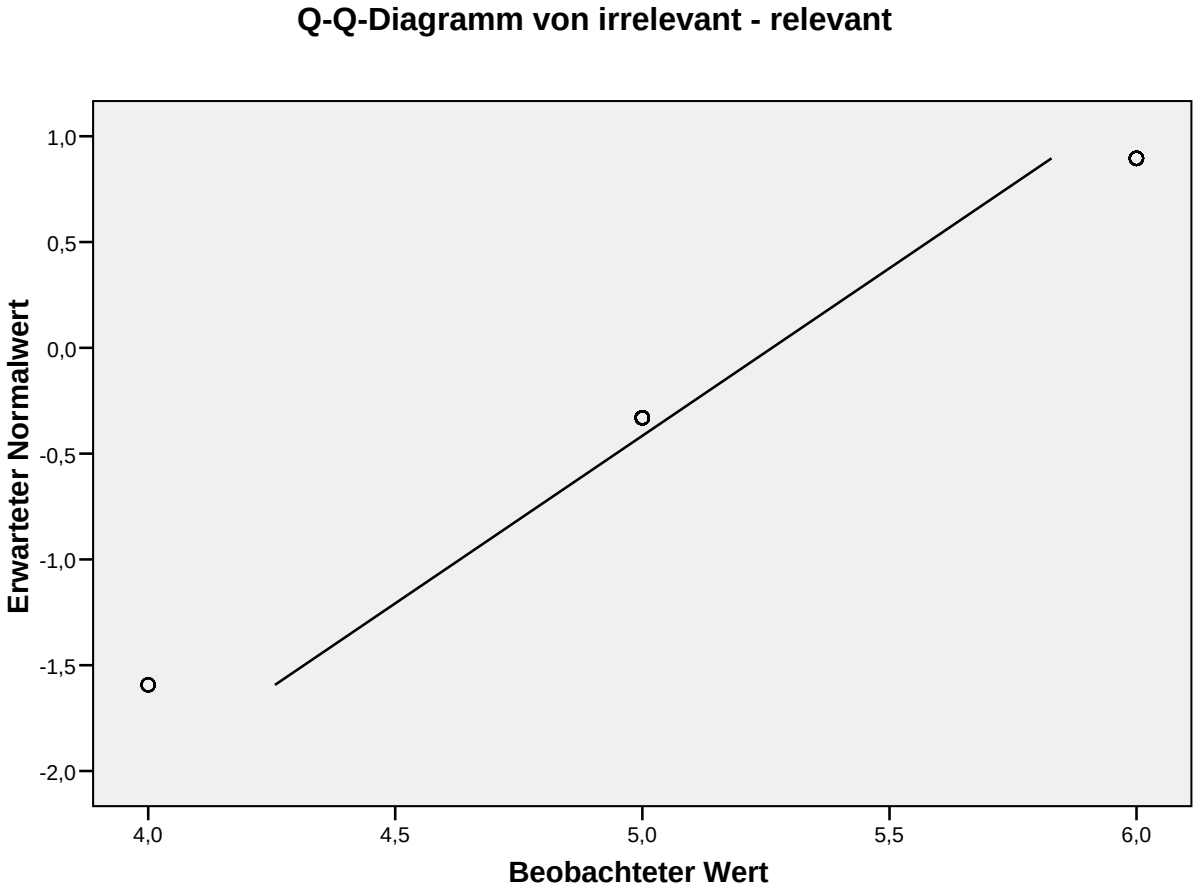
Trendbereinigtes Q-Q-Diagramm von inexperienced - experienced



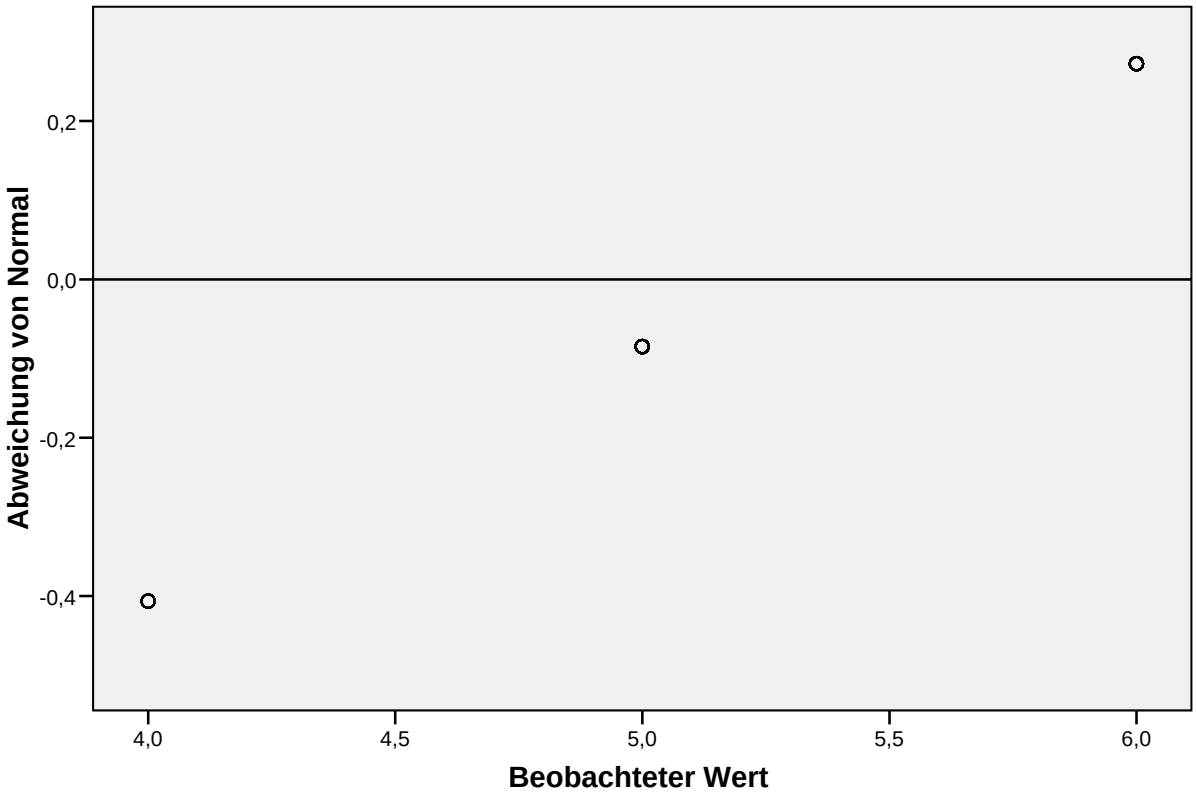


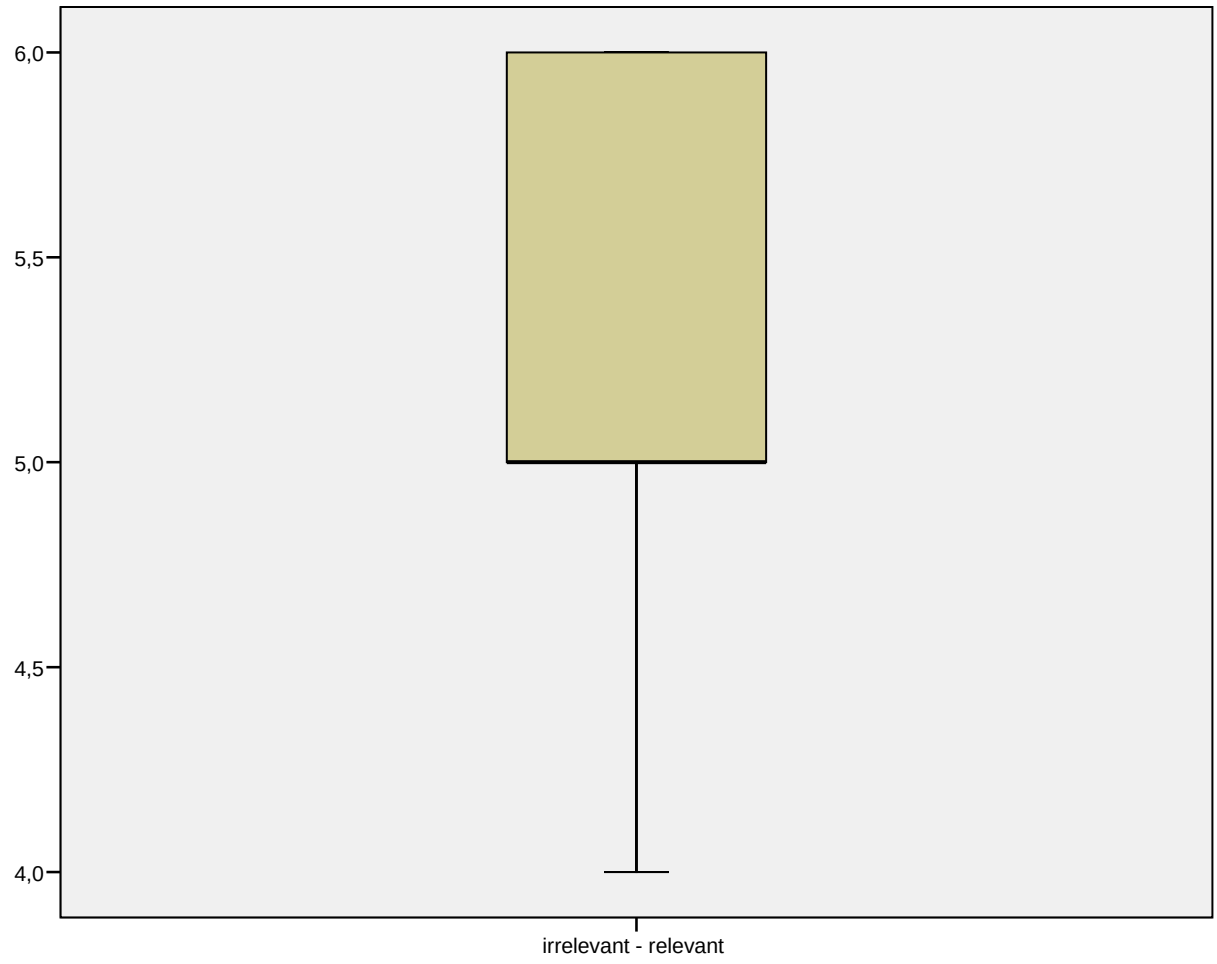
irrelevant - relevant

```
irrelevant - relevant Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     8,00        4 .  00000000
      ,00        4 .
    43,00        5 .  0000000000000000000000000000000000000000000
      ,00        5 .
    29,00        6 .  00000000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```


Q-Q-Diagramm von irrelevant - relevant
Erwarteter Normalwert
1,0
0,5
0,0
-0,5
-1,0
-1,5
-2,0
4,0
4,5
5,0
5,5
6,0
Beobachteter Wert

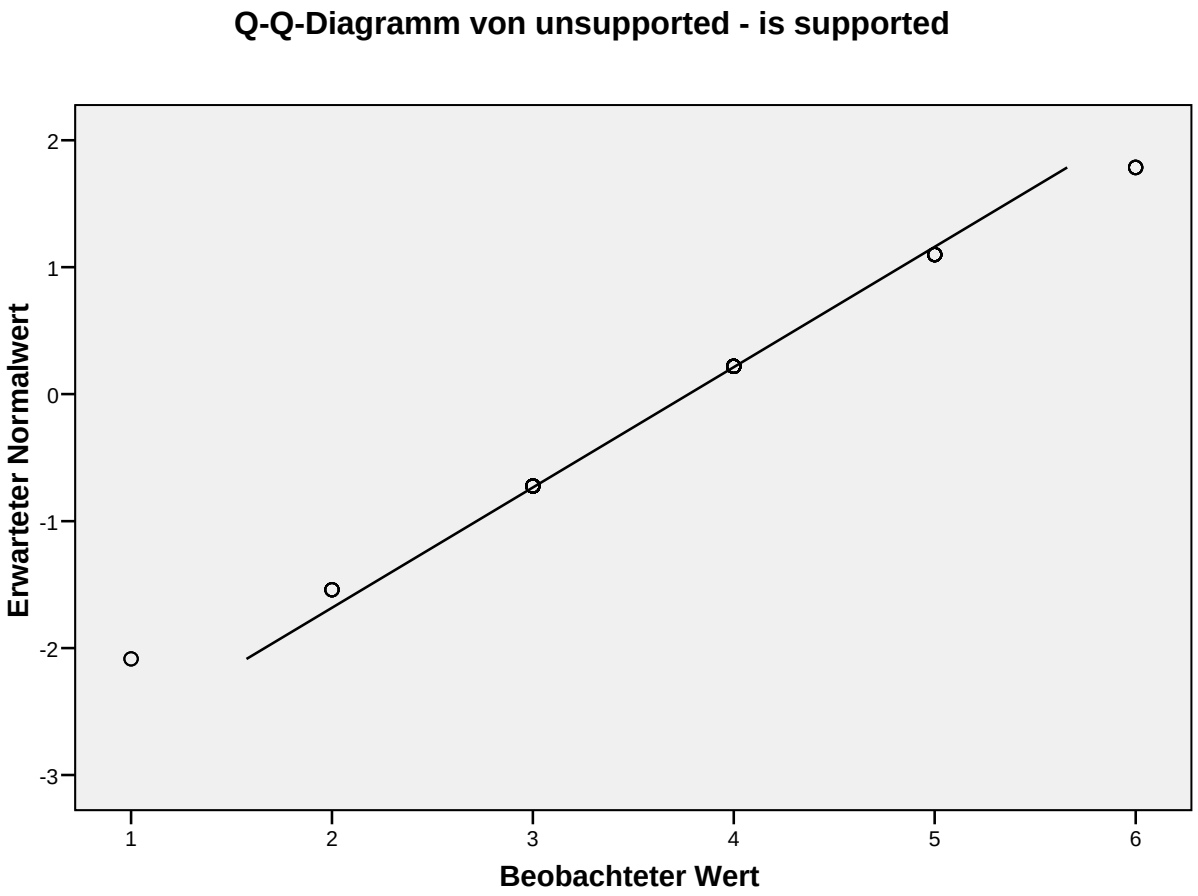
Trendbereinigtes Q-Q-Diagramm von irrelevant - relevant



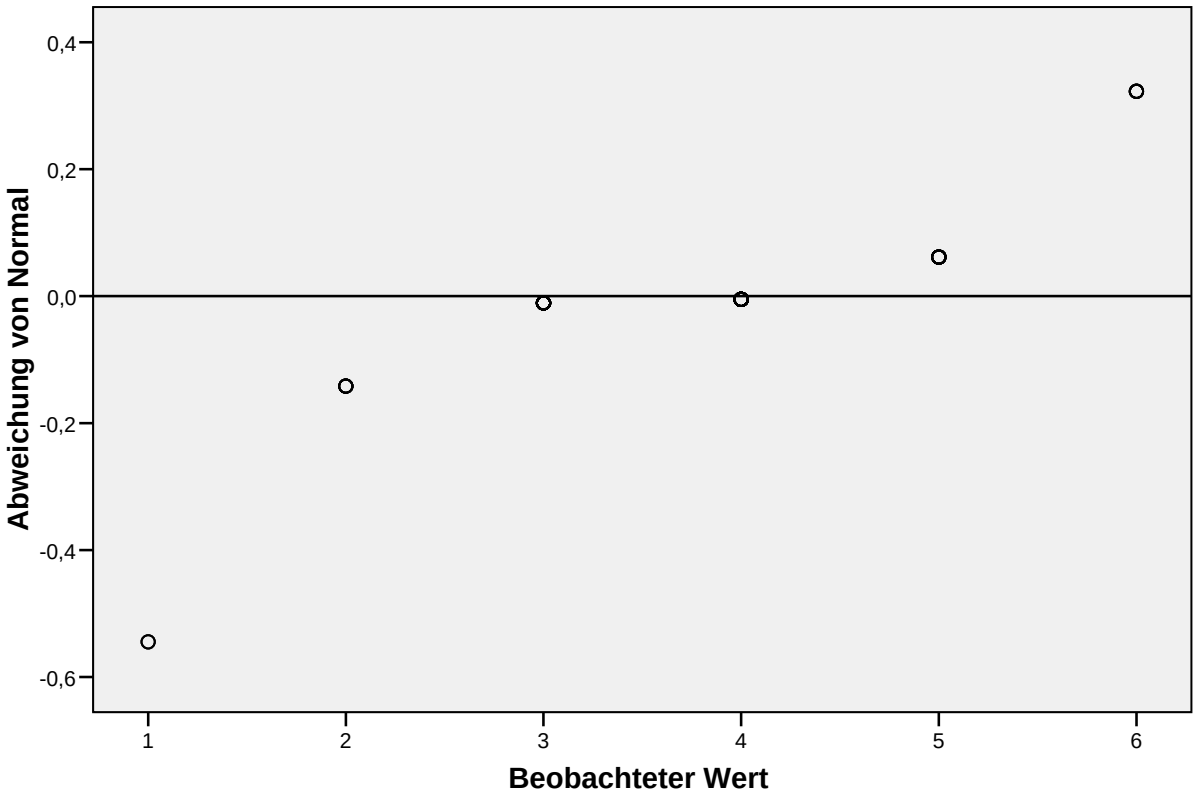


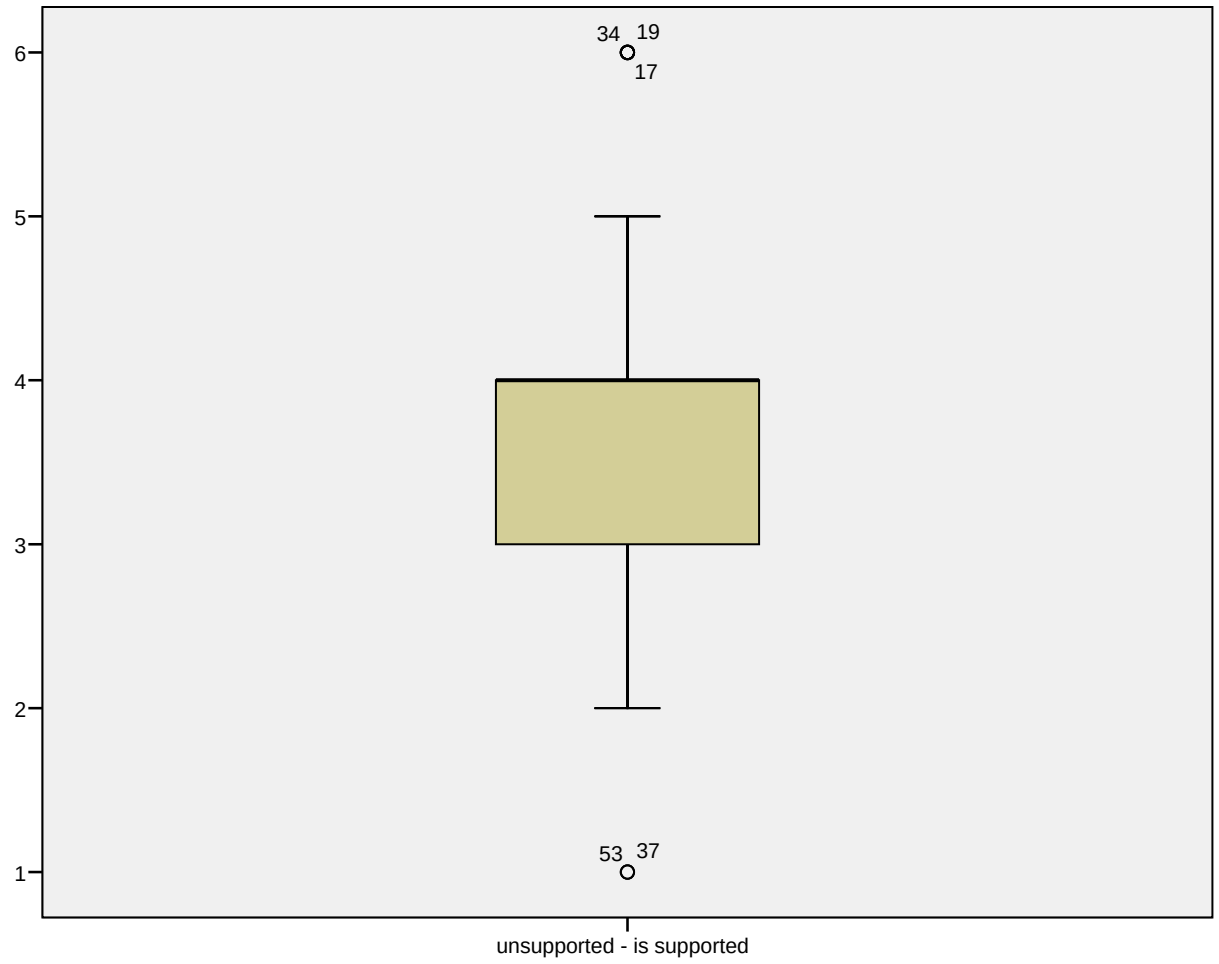
unsupported - is supported

```
unsupported - is supported Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     2,00 Extremes    (=<1,0)
     5,00        2 .  00000
      ,00        2 .
    23,00        3 .  00000000000000000000000
      ,00        3 .
    34,00        4 .  0000000000000000000000000000000000
      ,00        4 .
    11,00        5 .  00000000000
     5,00 Extremes    (>=6,0)

 Stem width:         1
 Each leaf:       1 case(s)
```


Q-Q-Diagramm von unsupported - is supported
Erwarteter Normalwert
2
1
0
-1
-2
-3
1
2
3
4
5
6
Beobachteter Wert

Trendbereinigtes Q-Q-Diagramm von unsupported - is supported



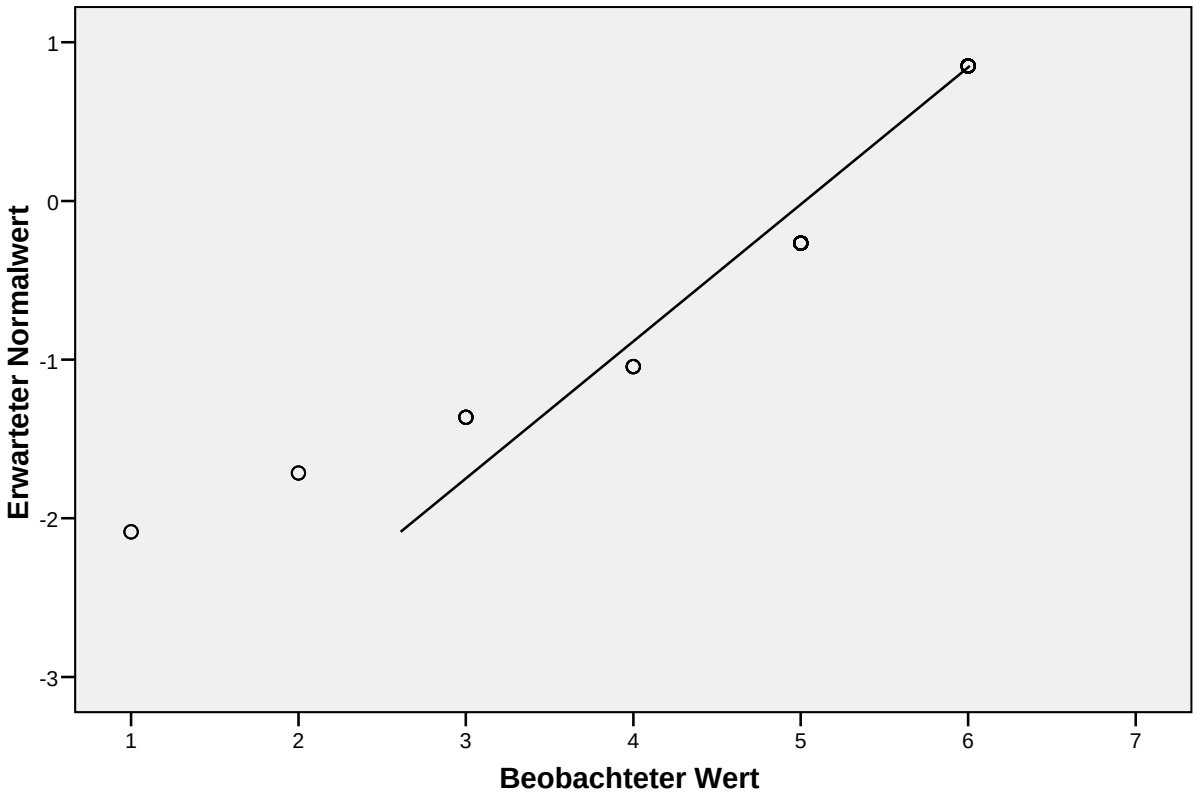


neutral for success of employer - positive for success of employer

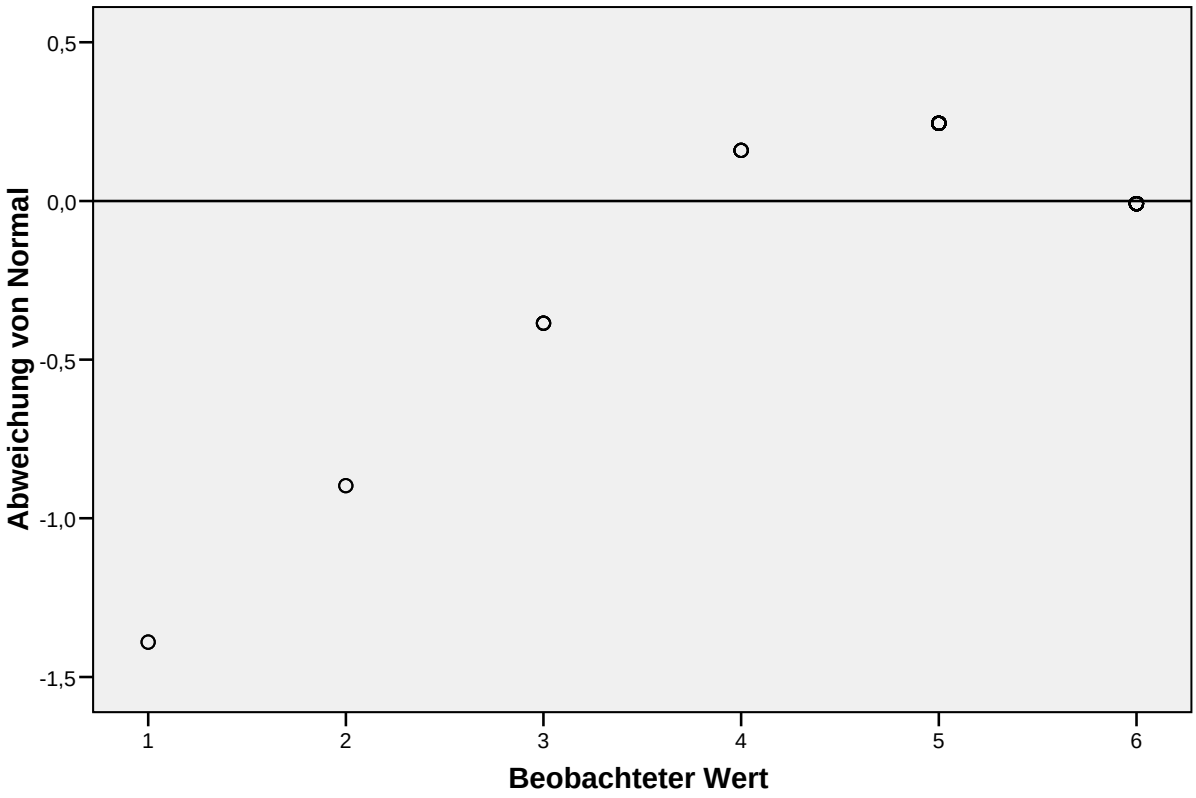
neutral for success of employer - positive for success of employer Stem-and-Leaf Plot

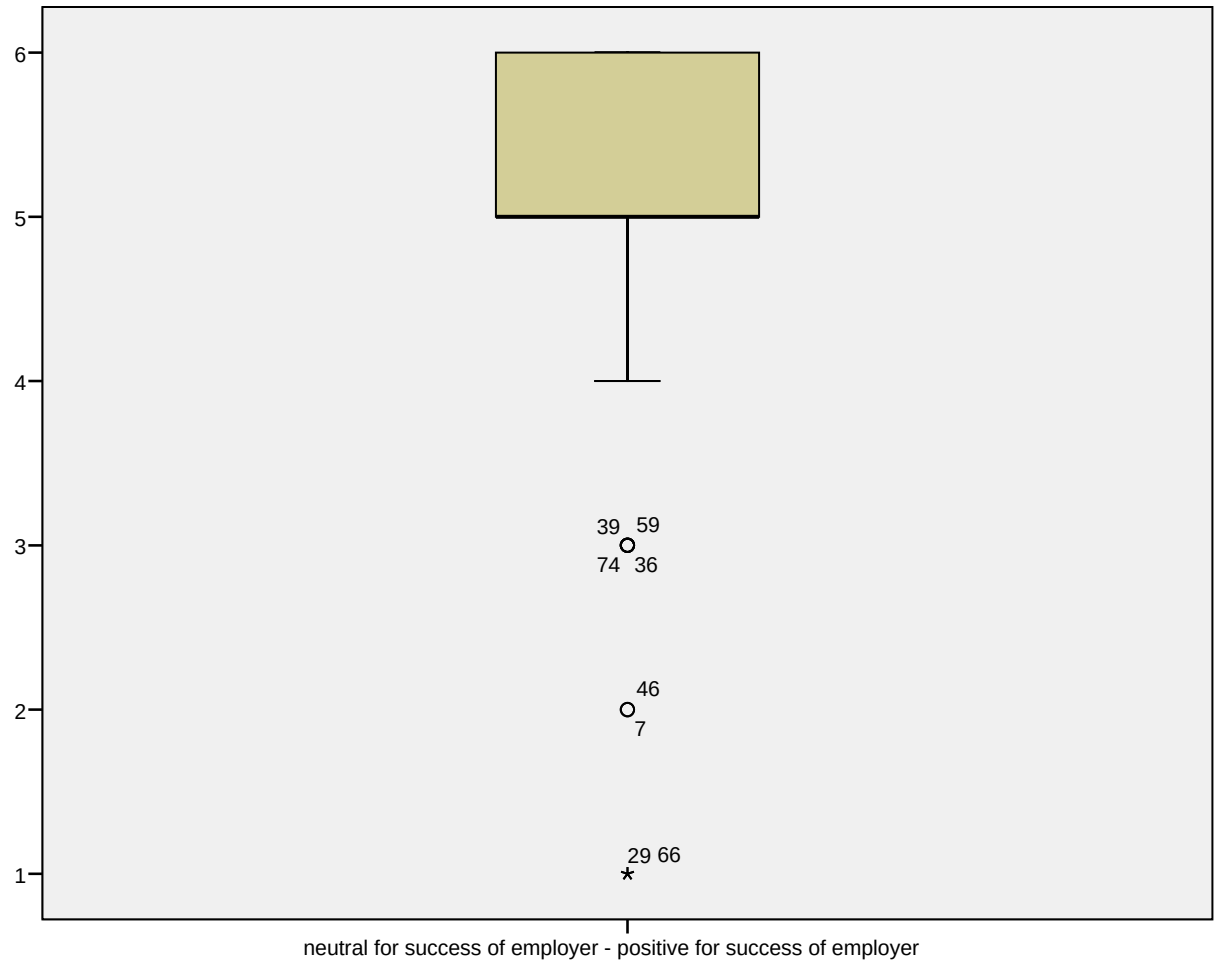
```
 Frequency    Stem &  Leaf

     9,00 Extremes    (=<3,0)
     5,00        4 .  00000
      ,00        4 .
    35,00        5 .  00000000000000000000000000000000000
      ,00        5 .
    31,00        6 .  0000000000000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```

Q-Q-Diagramm von neutral for success of employer - positive for success of employer



Trendbereinigtes Q-Q-Diagramm von neutral for success of employer - positive for success of employer

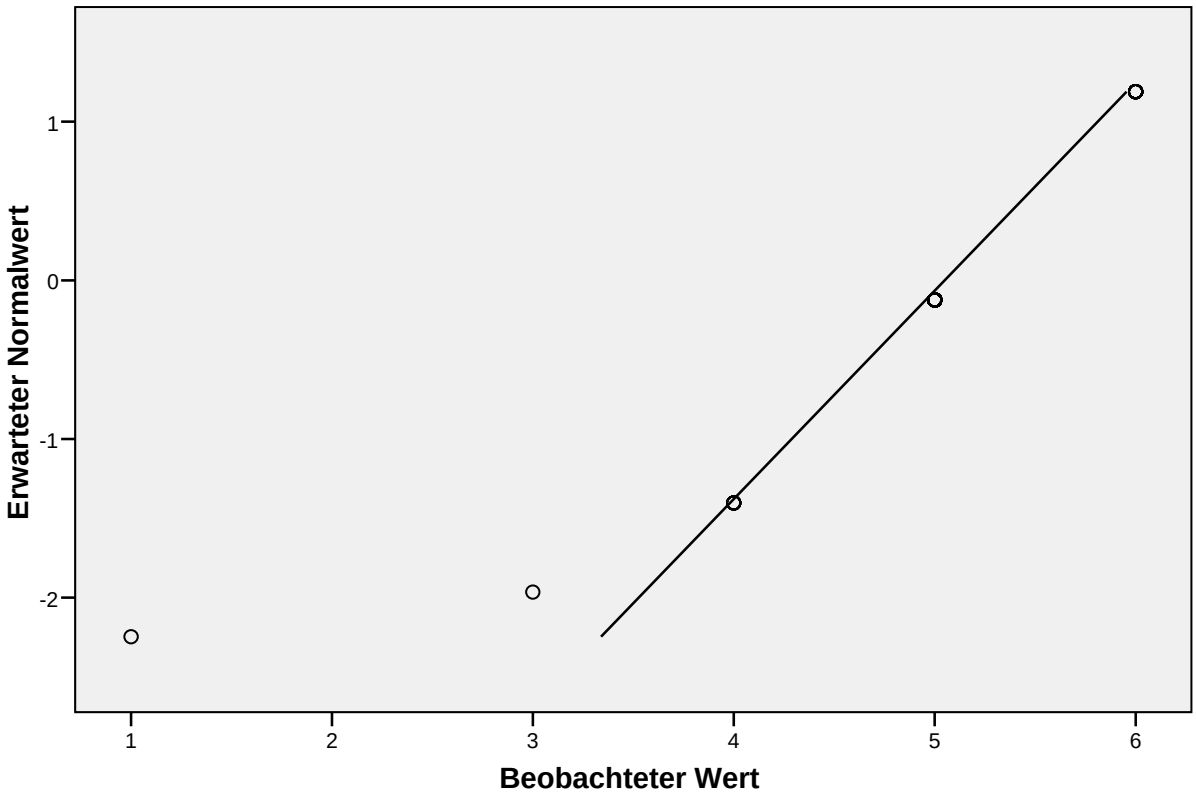




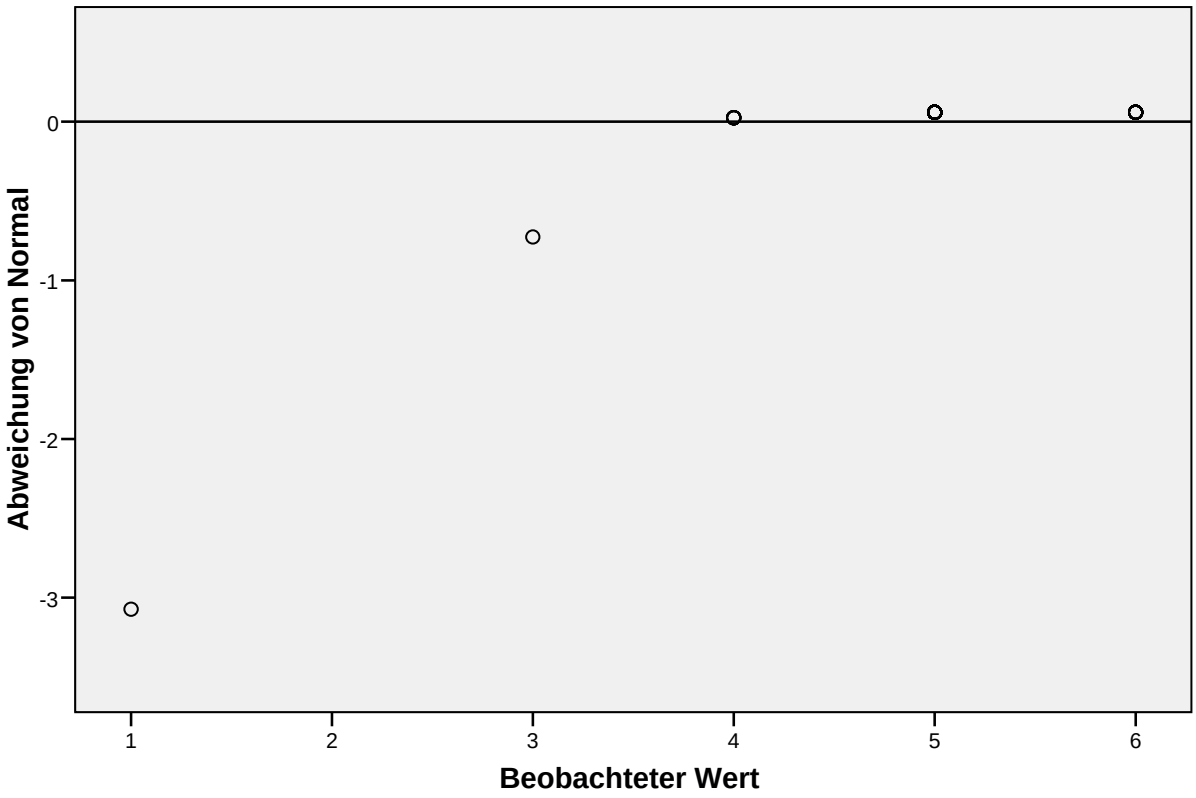
no learning benefit - learning benefit

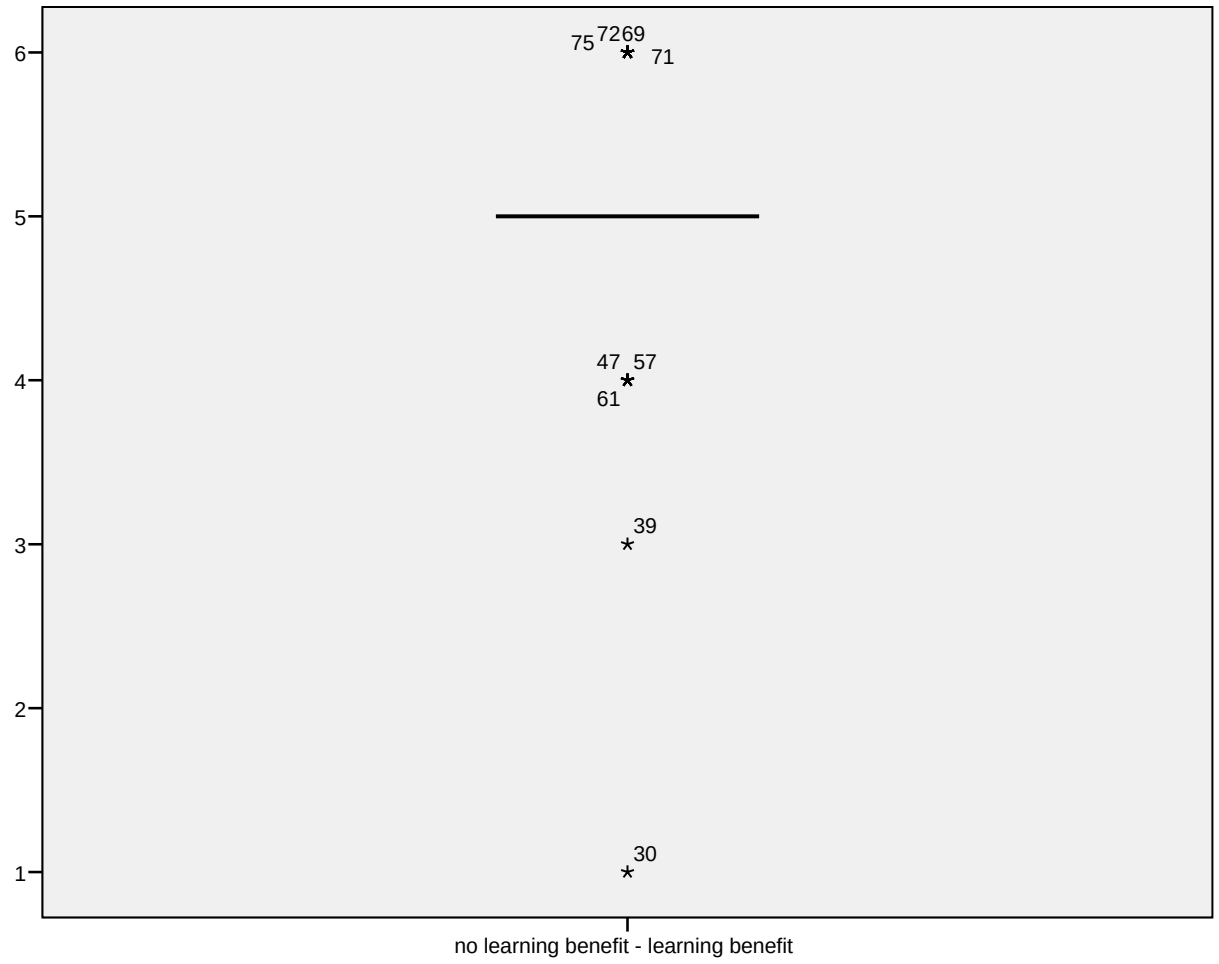
```
no learning benefit - learning benefit Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

    10,00 Extremes    (=<4)
    52,00        0 .  55555555555555555555555555
    18,00 Extremes    (>=6)

 Stem width:        10
 Each leaf:       2 case(s)
```

Q-Q-Diagramm von no learning benefit - learning benefit



Trendbereinigtes Q-Q-Diagramm von no learning benefit - learning benefit





not professional - professional

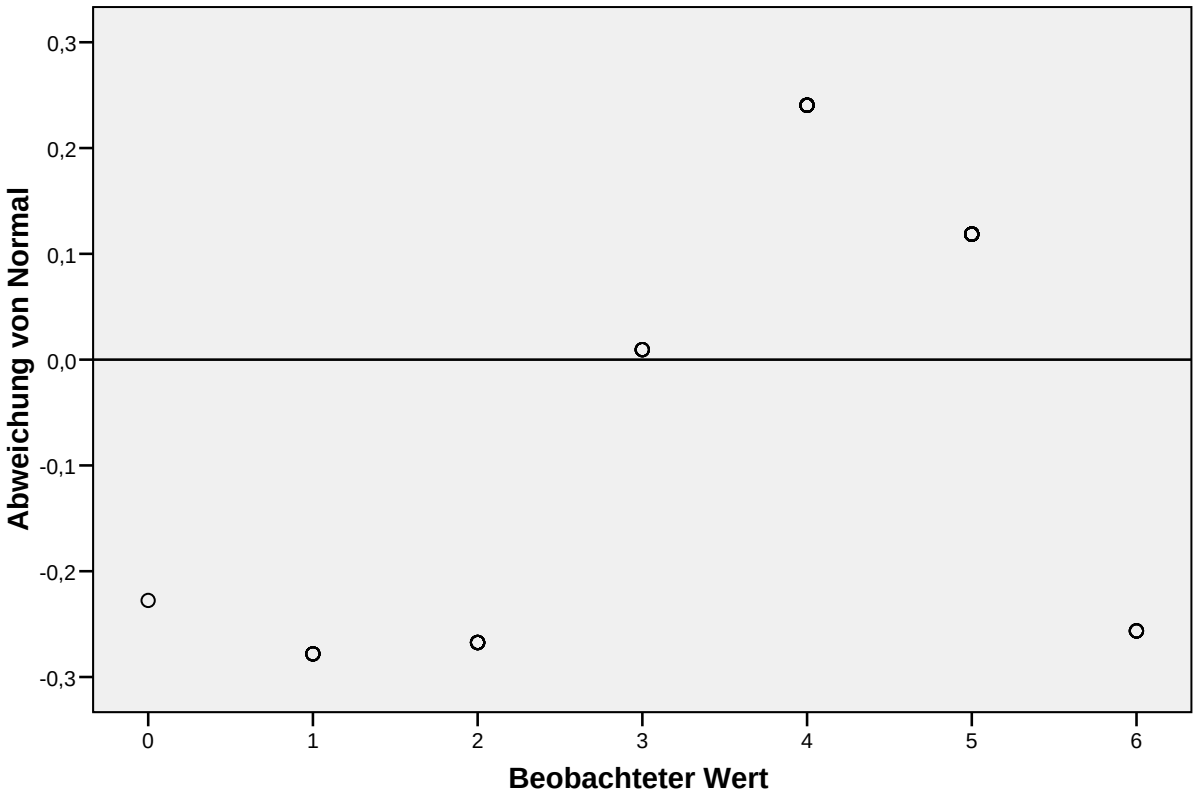
not professional - professional Stem-and-Leaf Plot

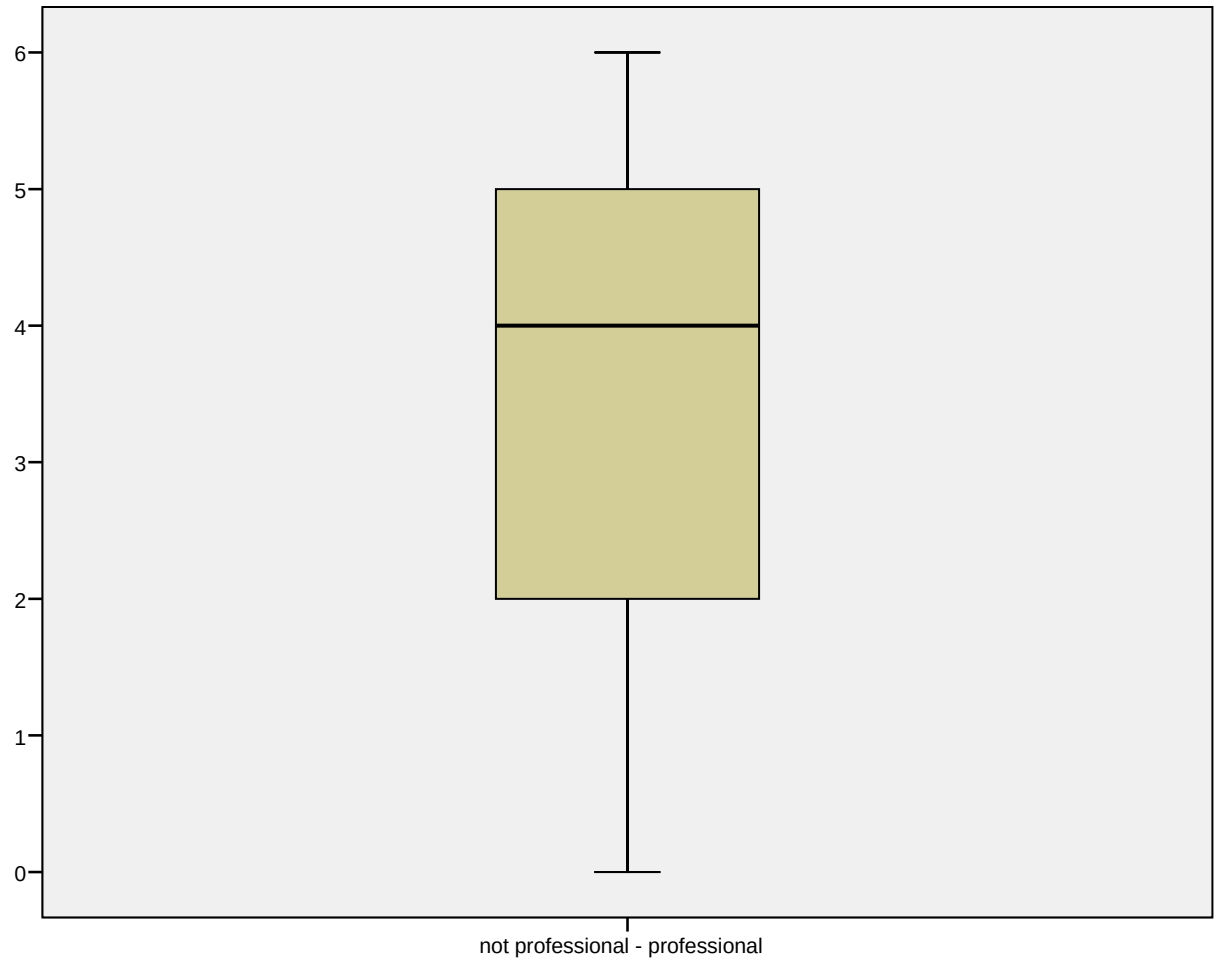
Frequency	Stem &	Leaf
1,00	0 .	0
7,00	1 .	0000000
13,00	2 .	0000000000000
6,00	3 .	000000
20,00	4 .	00000000000000000000
27,00	5 .	000000000000000000000000000
6,00	6 .	000000

Stem width: 1
Each leaf: 1 case(s)

Q-Q-Diagramm von not professional - professional

Trendbereinigtes Q-Q-Diagramm von not professional - professional



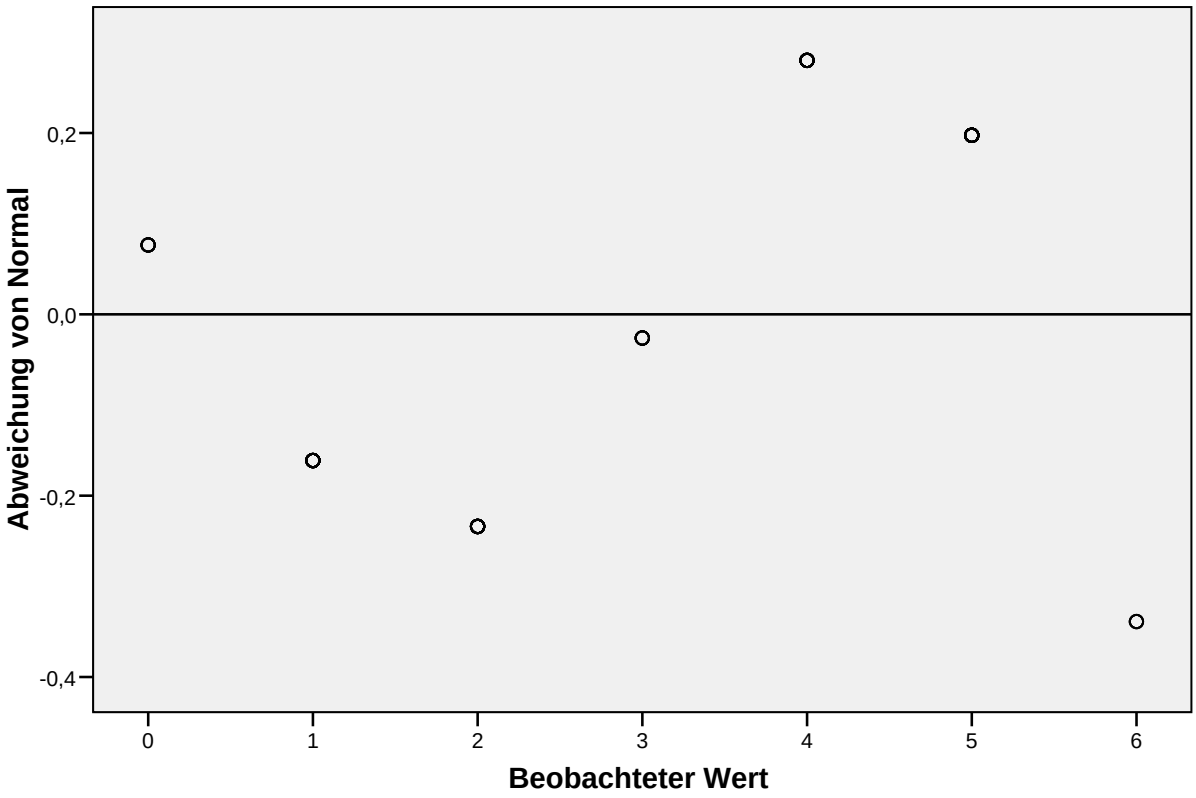


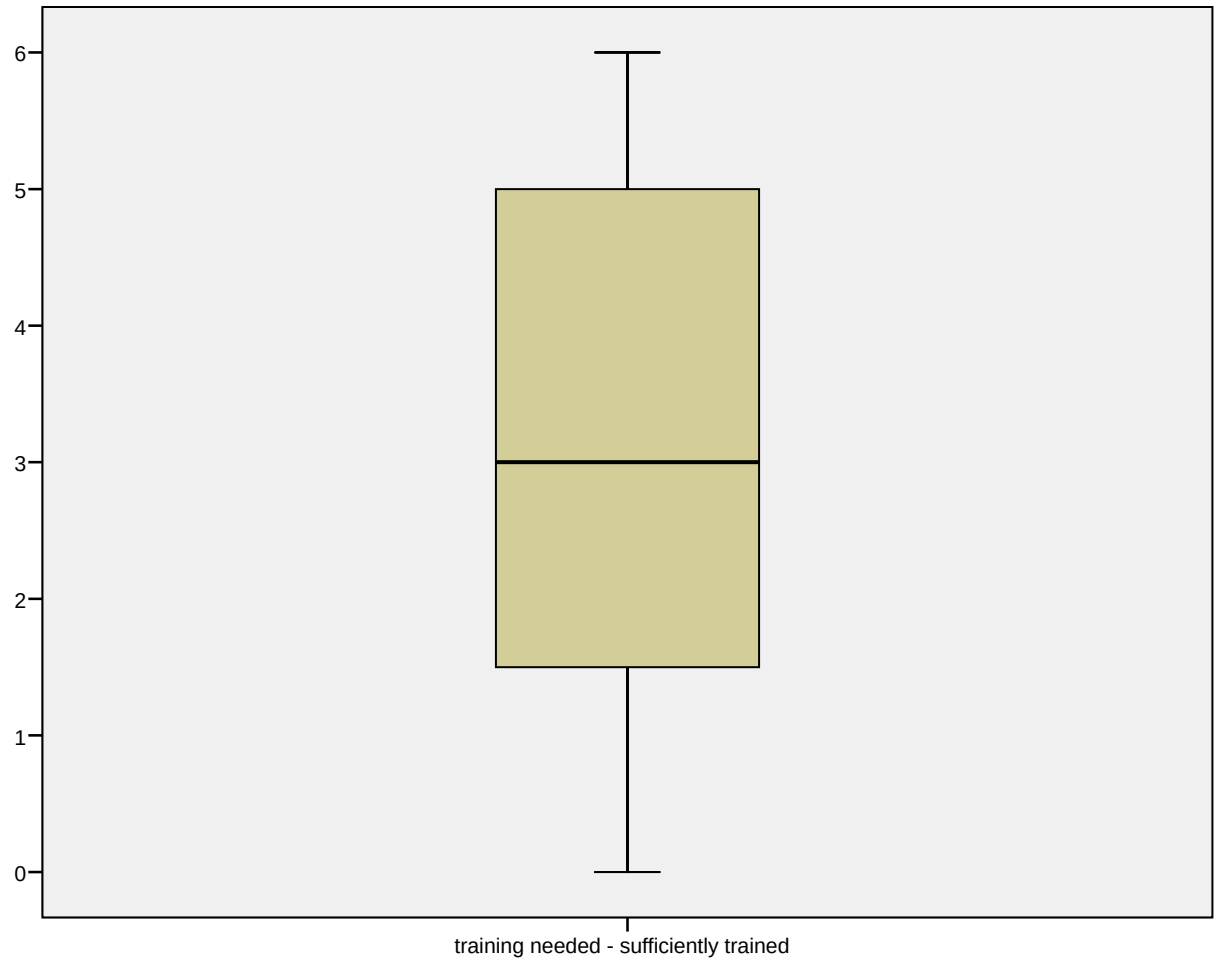
training needed - sufficiently trained

```
training needed - sufficiently trained Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     5,00        0 .  00000
    15,00        1 .  000000000000000
    17,00        2 .  00000000000000000
     5,00        3 .  00000
    11,00        4 .  00000000000
    24,00        5 .  000000000000000000000000
     3,00        6 .  000

 Stem width:         1
 Each leaf:       1 case(s)
```

Q-Q-Diagramm von training needed - sufficiently trained

Trendbereinigtes Q-Q-Diagramm von training needed - sufficiently trained

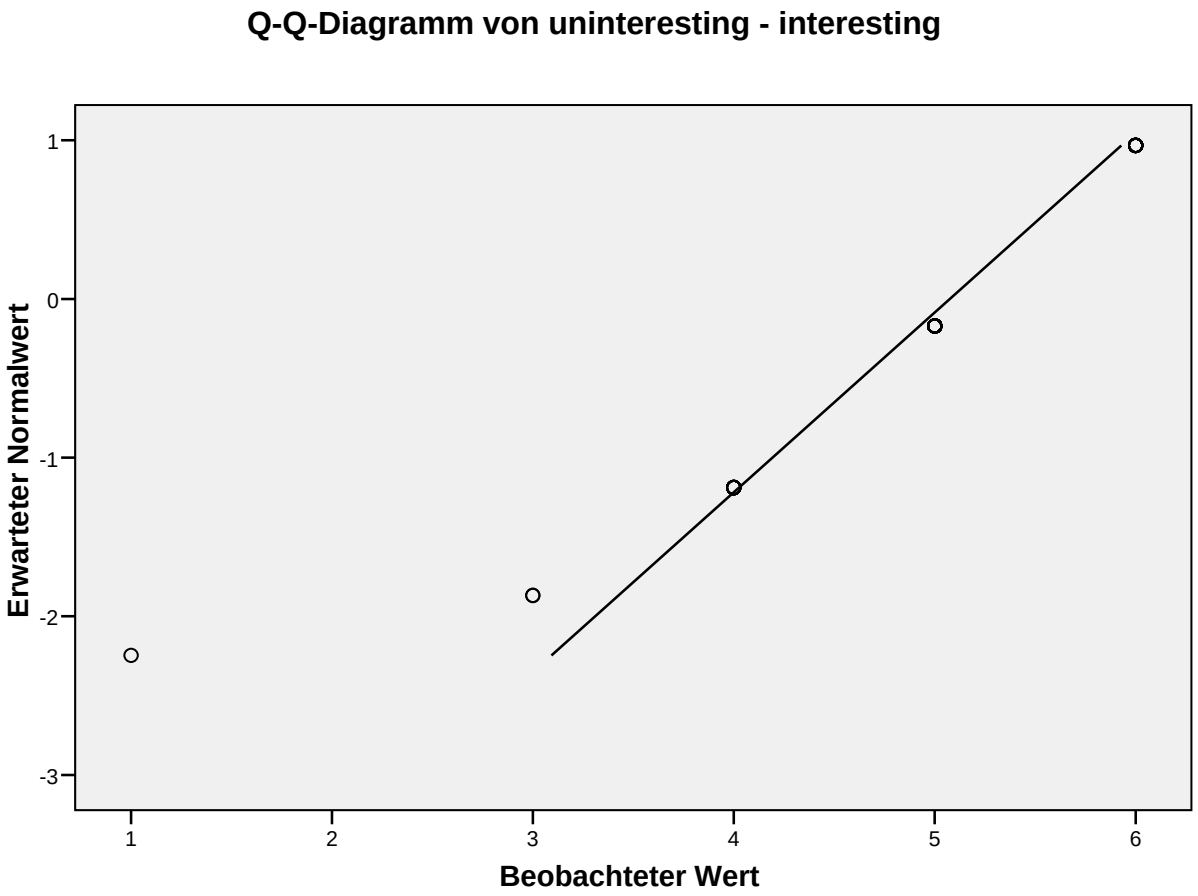




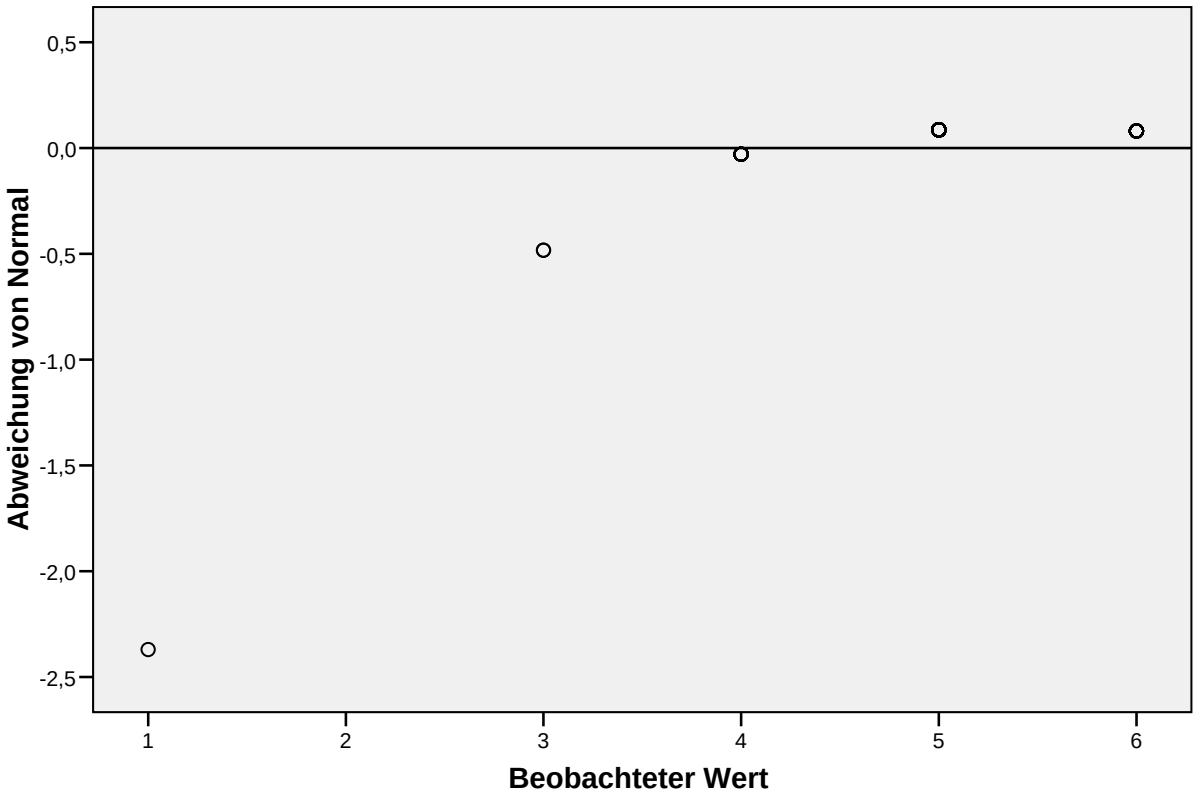
uninteresting - interesting

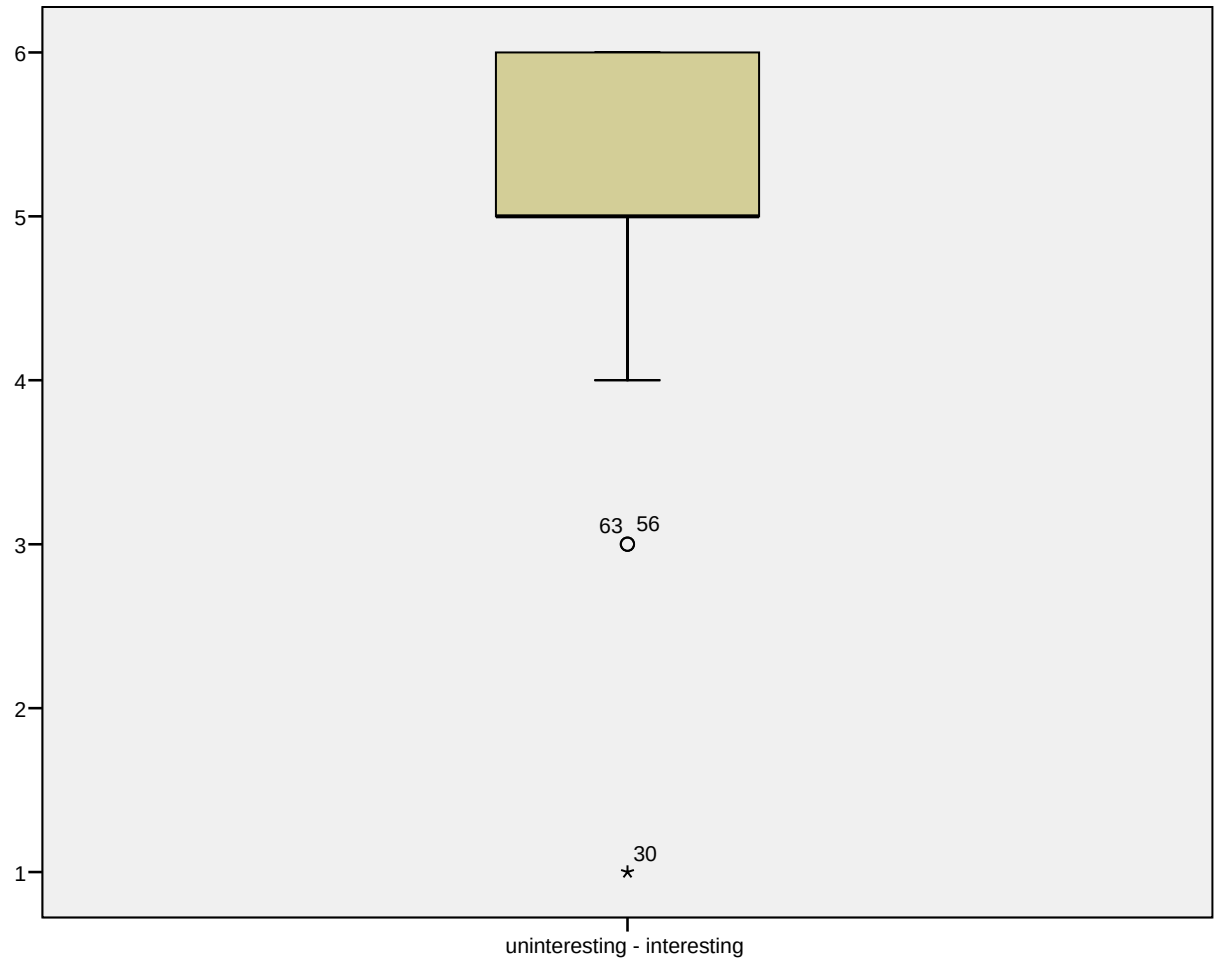
uninteresting - interesting Stem-and-Leaf Plot

```
 Frequency    Stem &  Leaf

     3,00 Extremes    (=<3,0)
    12,00        4 .  000000000000
      ,00        4 .
    39,00        5 .  000000000000000000000000000000000000000000
      ,00        5 .
    26,00        6 .  00000000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```


Q-Q-Diagramm von uninteresting - interesting
Erwarteter Normalwert
1
0
-1
-2
-3
1
2
3
4
5
6
Beobachteter Wert

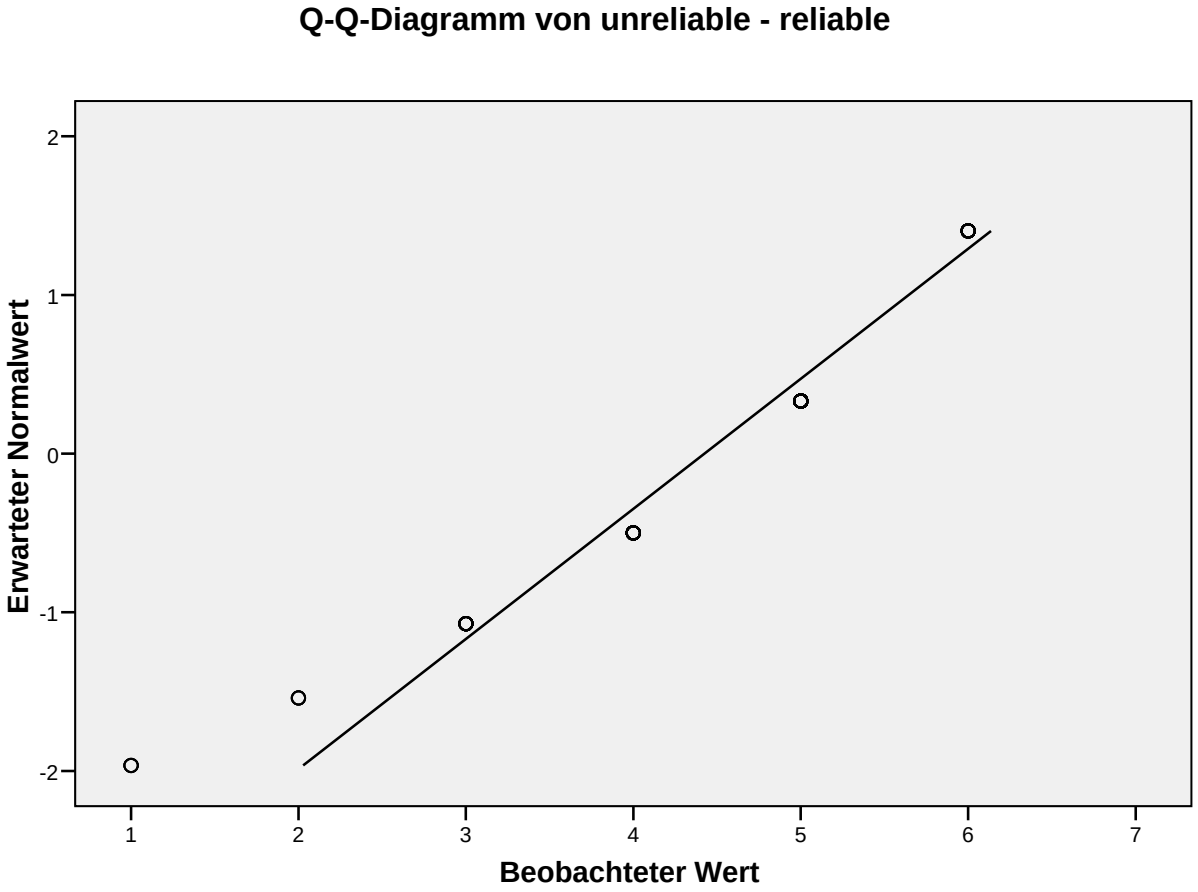
Trendbereinigtes Q-Q-Diagramm von uninteresting - interesting



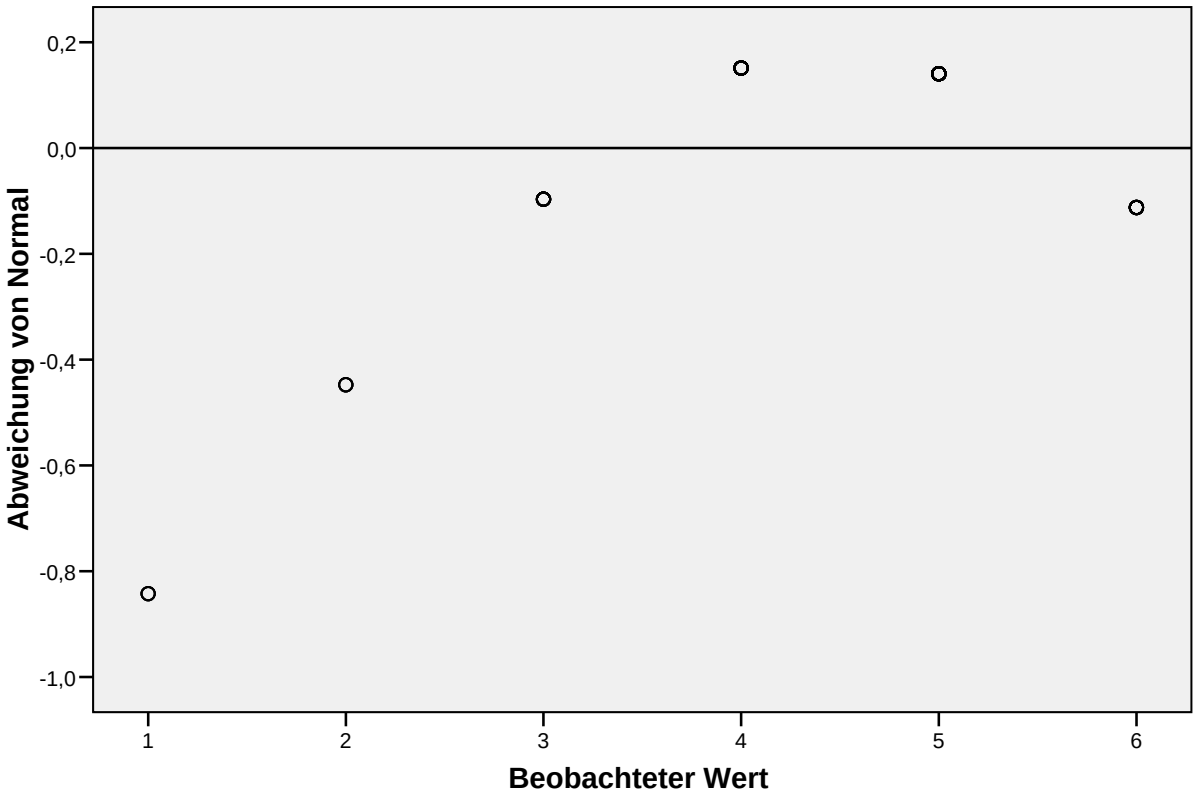


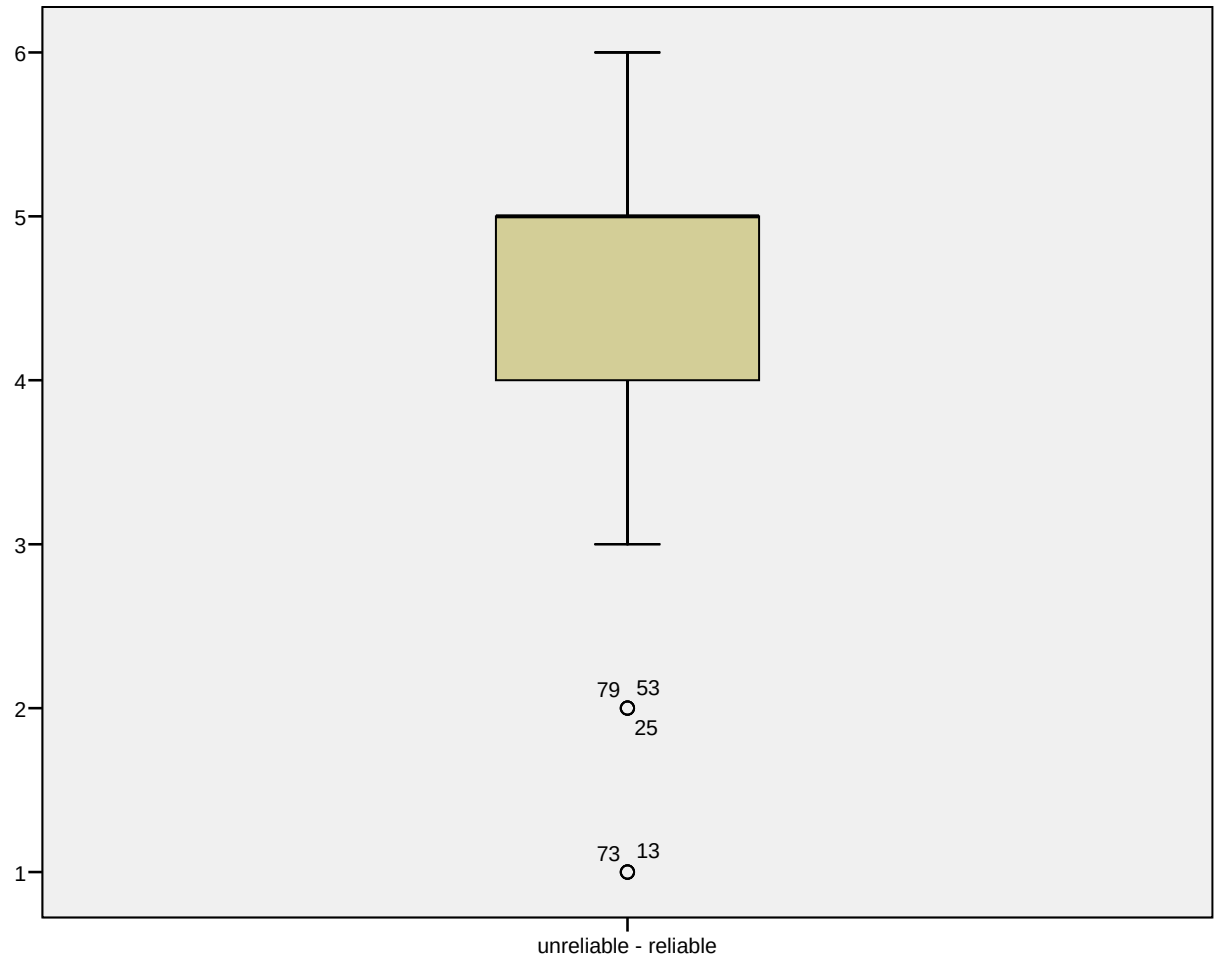
unreliable - reliable

```
unreliable - reliable Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     6,00 Extremes    (=<2,0)
    10,00        3 .  0000000000
      ,00        3 .
    17,00        4 .  00000000000000000
      ,00        4 .
    35,00        5 .  00000000000000000000000000000000000
      ,00        5 .
    12,00        6 .  000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```


Q-Q-Diagramm von unreliable - reliable
Erwarteter Normalwert
2
1
0
-1
-2
1
2
3
4
5
6
7
Beobachteter Wert

Trendbereinigtes Q-Q-Diagramm von unreliable - reliable



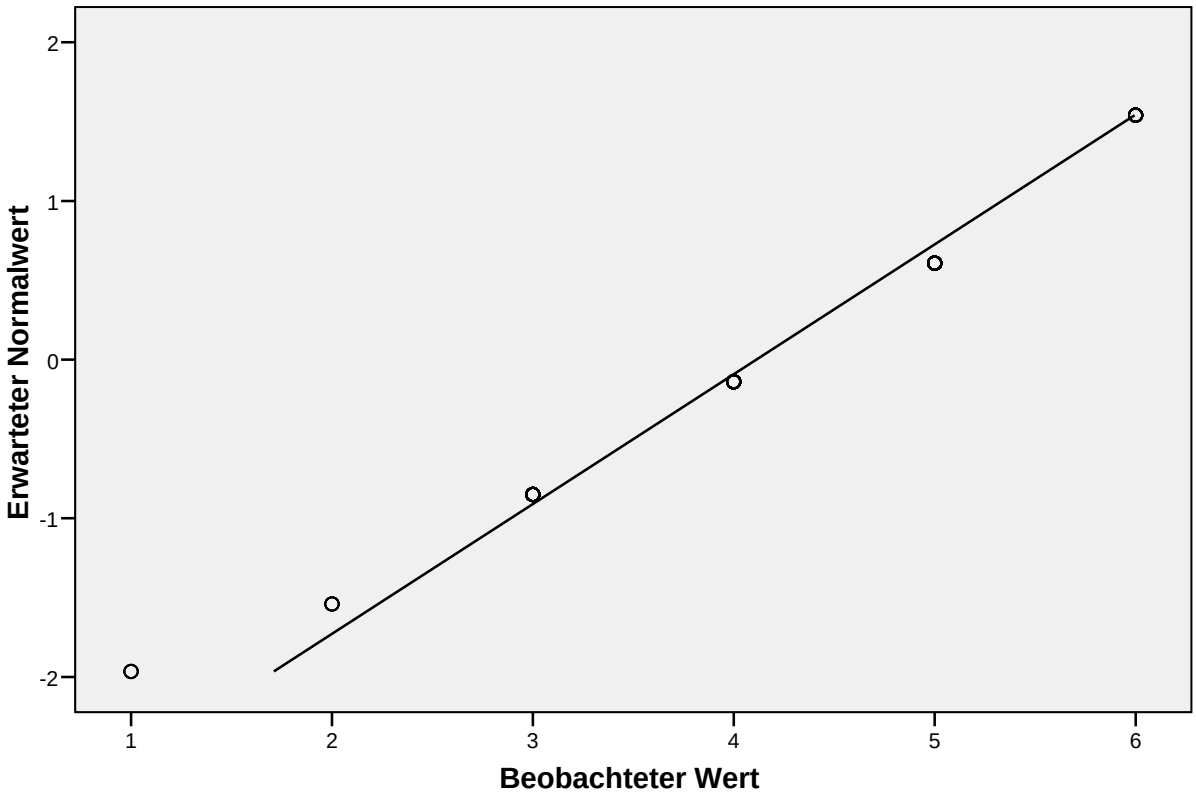


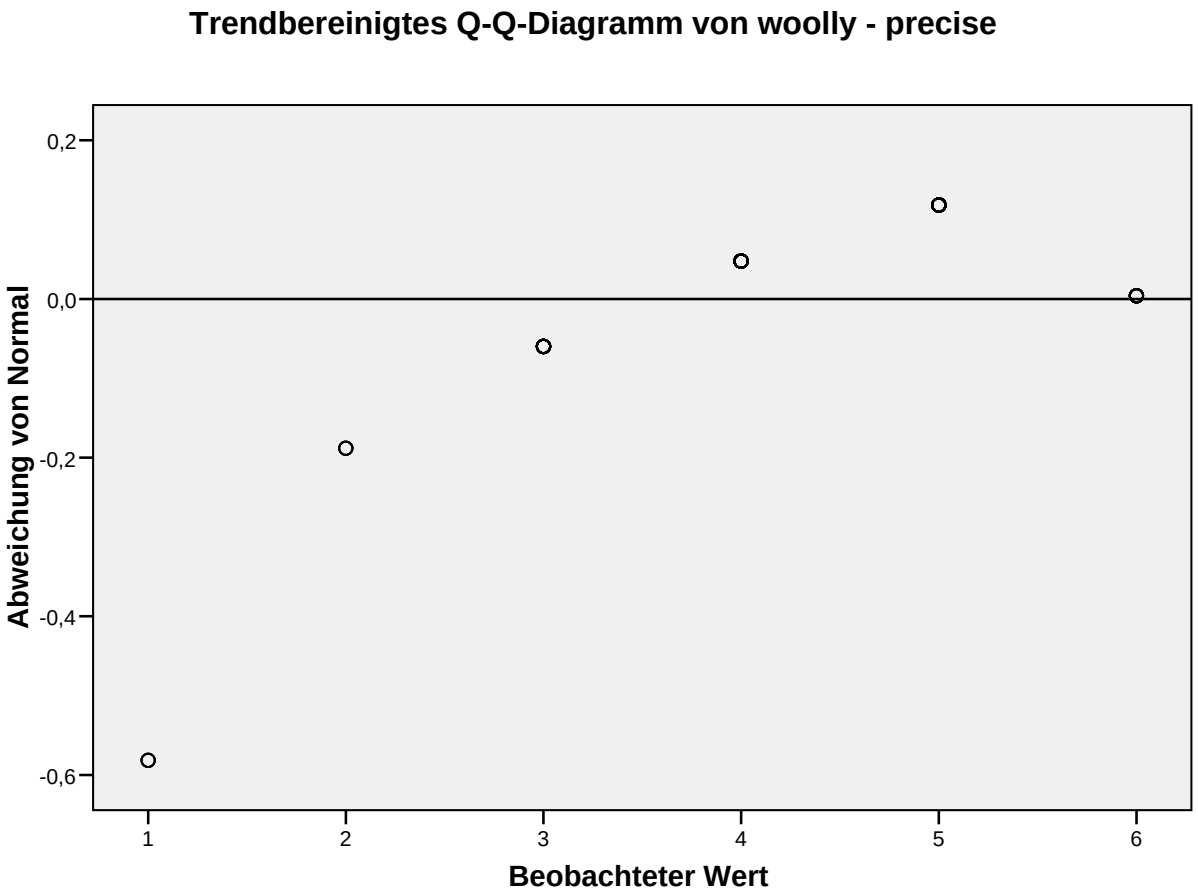
woolly - precise

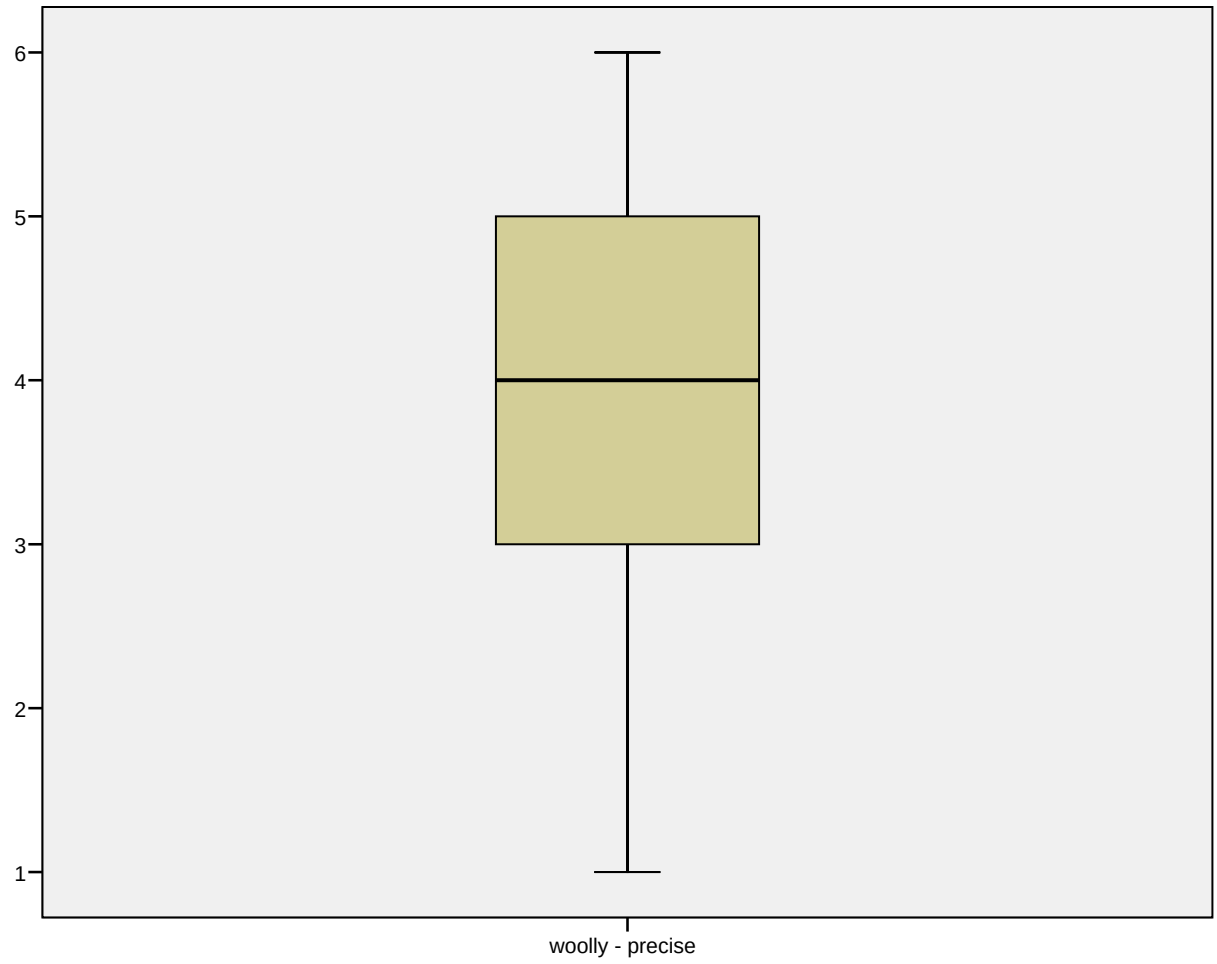
woolly - precise Stem-and-Leaf Plot

Frequency	Stem &	Leaf
3,00	1 .	000
3,00	2 .	000
19,00	3 .	0000000000000000000
21,00	4 .	00000000000000000000
25,00	5 .	0000000000000000000000000
9,00	6 .	000000000

Stem width: 1
Each leaf: 1 case(s)

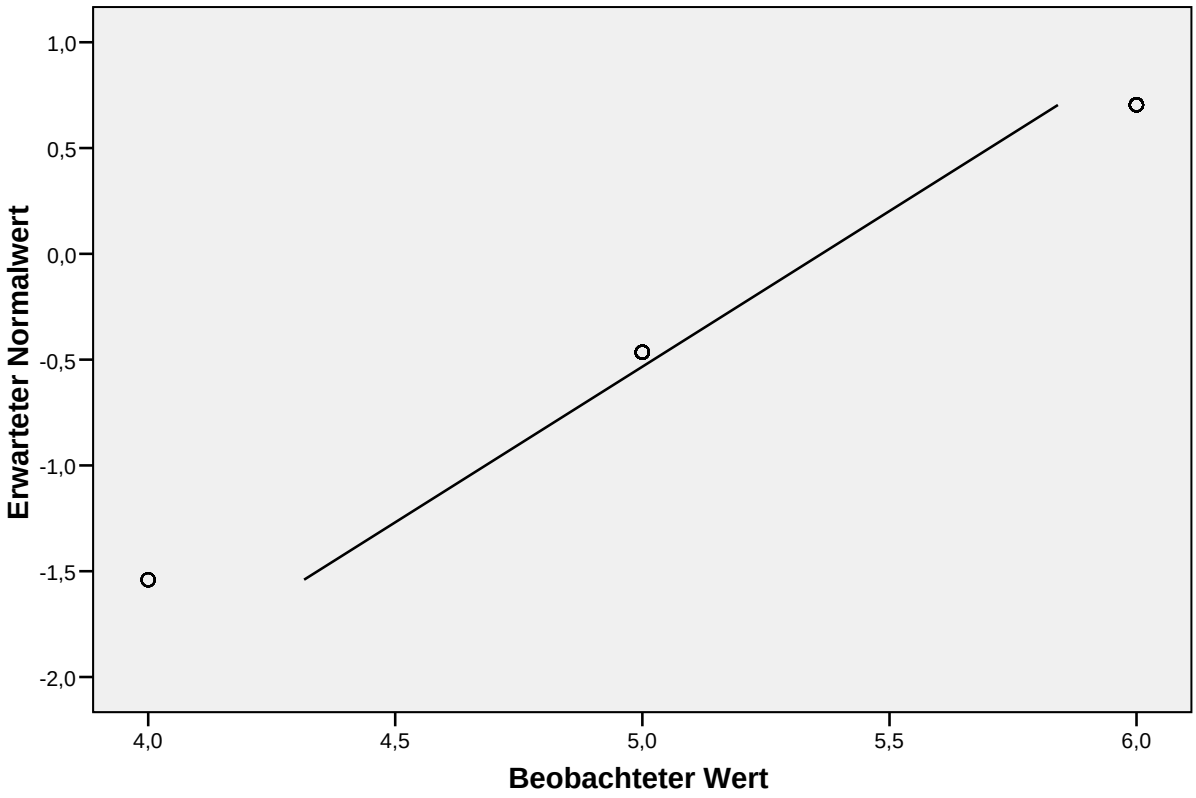

Q-Q-Diagramm von woolly - precise
Erwarteter Normalwert
2
1
0
-1
-2
1
2
3
4
5
6
Beobachteter Wert


Trendbereinigtes Q-Q-Diagramm von woolly - precise
Abweichung von Normal
0,2
0,0
-0,2
-0,4
-0,6
1
2
3
4
5
6
Beobachteter Wert

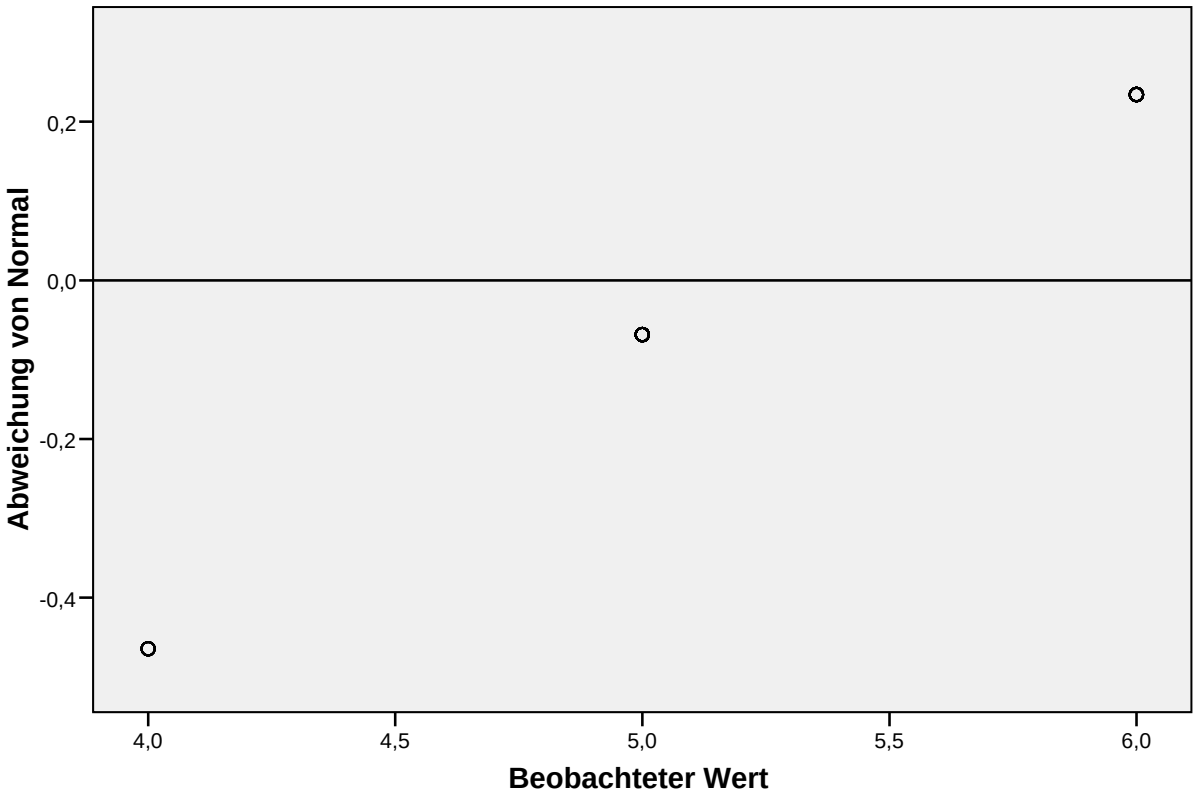


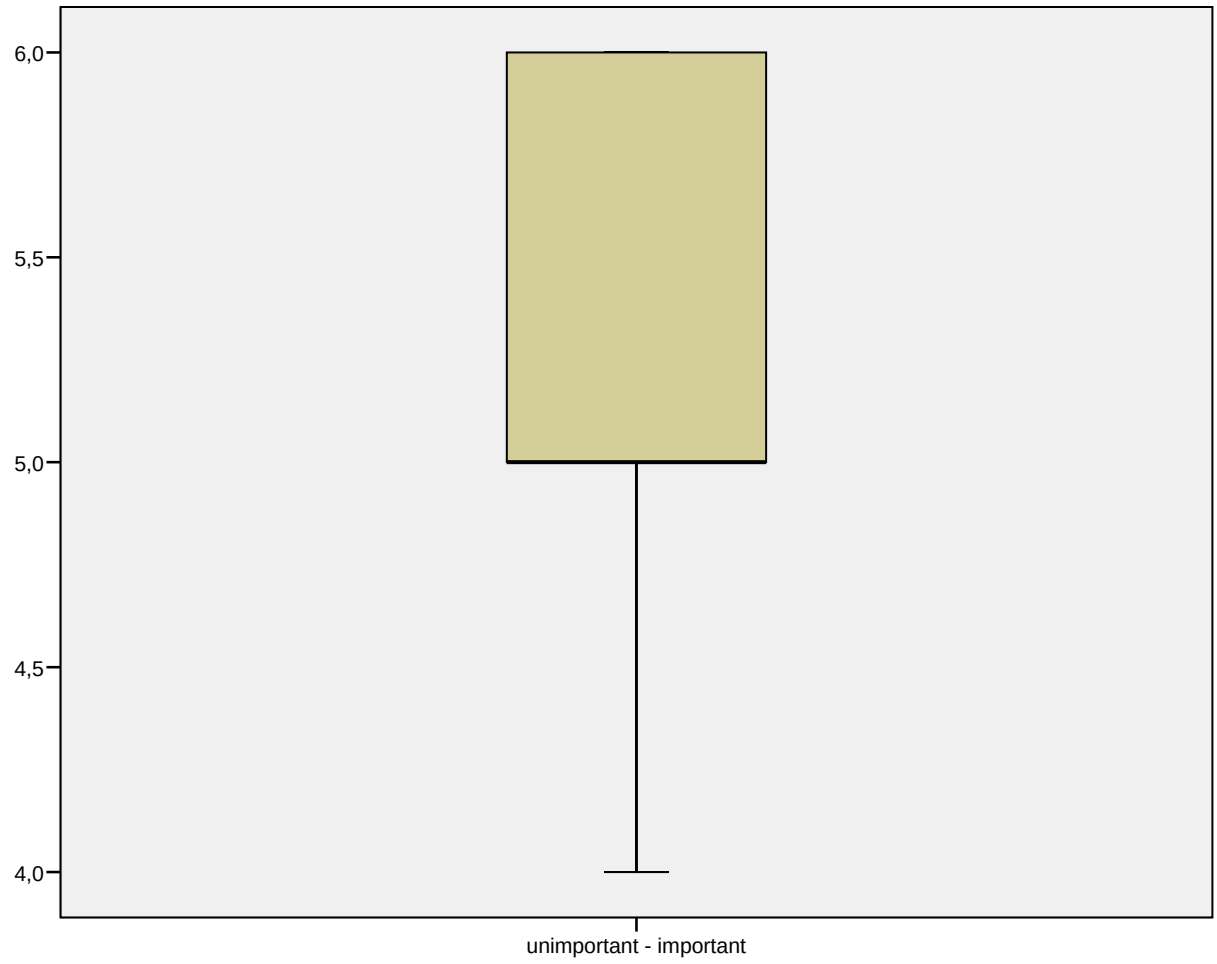
unimportant - important

```
unimportant - important Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     9,00        4 .  000000000
      ,00        4 .
    33,00        5 .  000000000000000000000000000000000
      ,00        5 .
    38,00        6 .  00000000000000000000000000000000000000

 Stem width:         1
 Each leaf:       1 case(s)
```


Q-Q-Diagramm von unimportant - important
Erwarteter Normalwert
1,0
0,5
0,0
-0,5
-1,0
-1,5
-2,0
4,0
4,5
5,0
5,5
6,0
Beobachteter Wert

Trendbereinigtes Q-Q-Diagramm von unimportant - important





Nichtparametrische Tests

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Chi-Quadrat-Test

Häufigkeiten

unimportant - important

	Beobachtetes N	Erwartete Anzahl	Residuum
rather important	9	26,7	-17,7
quite important	33	26,7	6,3
important	38	26,7	11,3
Gesamt	80		

boring - exciting

	Beobachtetes N	Erwartete Anzahl	Residuum
quite boring	1	13,3	-12,3
rather boring	2	13,3	-11,3
partly/partly	8	13,3	-5,3
rather exciting	11	13,3	-2,3
quite exciting	36	13,3	22,7
exciting	22	13,3	8,7
Gesamt	80		

inefficient - efficient

	Beobachtetes N	Erwartete Anzahl	Residuum
inefficient	1	11,4	-10,4
quite inefficient	6	11,4	-5,4
rather inefficient	9	11,4	-2,4
partly/partly	16	11,4	4,6
rather efficient	16	11,4	4,6
quite efficient	26	11,4	14,6
efficient	6	11,4	-5,4
Gesamt	80		

inexperienced - experienced

	Beobachtetes N	Erwartete Anzahl	Residuum
quite inexperienced	3	13,3	-10,3
rather inexperienced	3	13,3	-10,3
partly/partly	4	13,3	-9,3
rather experienced	18	13,3	4,7
quite experienced	44	13,3	30,7
experienced	8	13,3	-5,3
Gesamt	80		

irrelevant - relevant

	Beobachtetes N	Erwartete Anzahl	Residuum
rather relevant	8	26,7	-18,7
quite relevant	43	26,7	16,3
relevant	29	26,7	2,3
Gesamt	80		

unsupported - is supported

	Beobachtetes N	Erwartete Anzahl	Residuum
quite unsupported	2	13,3	-11,3
rather unsupported	5	13,3	-8,3
partly/partly	23	13,3	9,7
rather supported	34	13,3	20,7
quite supported	11	13,3	-2,3
supported	5	13,3	-8,3
Gesamt	80		

neutral for success of employer - positive for success of employer

	Beobachtetes N	Erwartete Anzahl	Residuum
quite neutral for the success of the employer	2	13,3	-11,3
rather neutral for the success of the employer	2	13,3	-11,3
partly/partly	5	13,3	-8,3
rather positive for the success of the employee	5	13,3	-8,3
quite positive for the success of the employee	35	13,3	21,7
positive for the success of the employee	31	13,3	17,7
Gesamt	80		

no learning benefit - learning benefit

	Beobachtetes N	Erwartete Anzahl	Residuum
quite little learning benefit	1	16,0	-15,0
partly/partly	1	16,0	-15,0
rather much learning benefit	8	16,0	-8,0
quite much learning benefit	52	16,0	36,0
learning benefit	18	16,0	2,0
Gesamt	80		

not professional - professional

	Beobachtetes N	Erwartete Anzahl	Residuum
not professional	1	11,4	-10,4
not quite professional	7	11,4	-4,4
not that professional	13	11,4	1,6
partly/partly	6	11,4	-5,4
rather professional	20	11,4	8,6
quite professional	27	11,4	15,6
professional	6	11,4	-5,4
Gesamt	80		

training needed - sufficiently trained

	Beobachtetes N	Erwartete Anzahl	Residuum
in need of training	5	11,4	-6,4
quite in need of training	15	11,4	3,6
rather in need of training	17	11,4	5,6
partly/partly	5	11,4	-6,4
rather sufficiently trained	11	11,4	-,4
quite sufficiently trained	24	11,4	12,6
sufficiently trained	3	11,4	-8,4
Gesamt	80		

uninteresting - interesting

	Beobachtetes N	Erwartete Anzahl	Residuum
quite uninteresting	1	16,0	-15,0
partly/partly	2	16,0	-14,0
rather interesting	12	16,0	-4,0
quite interesting	39	16,0	23,0
interesting	26	16,0	10,0
Gesamt	80		

unreliable - reliable

	Beobachtetes N	Erwartete Anzahl	Residuum
quite unreliable	3	13,3	-10,3
partly/partly	3	13,3	-10,3
rather unreliable	10	13,3	-3,3
rather reliable	17	13,3	3,7
quite reliable	35	13,3	21,7
reliable	12	13,3	-1,3
Gesamt	80		

woolly - precise

	Beobachtetes N	Erwartete Anzahl	Residuum
quite woolly	3	13,3	-10,3
rather woolly	3	13,3	-10,3
partly/partly	19	13,3	5,7
rather precise	21	13,3	7,7
quite precise	25	13,3	11,7
precise	9	13,3	-4,3
Gesamt	80		

Statistik für Test

	unimportant - important	boring - exciting	inefficient - efficient	inexperienced - experienced	irrelevant - relevant
Chi-Quadrat[a,b,c,d]	18,025	67,750	37,425	96,850	23,275
df	2	5	6	5	2
Asymptotische Signifikanz	,000	,000	,000	,000	,000

Statistik für Test

	unsupported - is supported	neutral for success of employer - positive for success of employer	no learning benefit - learning benefit	not professional - professional	training needed - sufficiently trained
Chi-Quadrat[a,b,c,d]	59,500	88,300	113,375	44,250	31,125
df	5	5	4	6	6
Asymptotische Signifikanz	,000	,000	,000	,000	,000

Statistik für Test

	uninteresting - interesting	unreliable - reliable	woolly - precise
Chi-Quadrat[a,b,c,d]	66,625	53,200	34,450
df	4	5	5
Asymptotische Signifikanz	,000	,000	,000

a. Bei 0 Zellen (,0%) werden weniger als 5 Häufigkeiten erwartet. Die kleinste erwartete Zellenhäufigkeit ist 26,7.

b. Bei 0 Zellen (,0%) werden weniger als 5 Häufigkeiten erwartet. Die kleinste erwartete Zellenhäufigkeit ist 13,3.

c. Bei 0 Zellen (,0%) werden weniger als 5 Häufigkeiten erwartet. Die kleinste erwartete Zellenhäufigkeit ist 11,4.

d. Bei 0 Zellen (,0%) werden weniger als 5 Häufigkeiten erwartet. Die kleinste erwartete Zellenhäufigkeit ist 16,0.

Tabellen

[DatenSet3] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

	very	quite	rather	partly/partly	rather
	Anzahl	Anzahl	Anzahl	Anzahl	Anzahl
$Experience	6	25	32	23	42
$PersonalMotivation	0	2	2	9	24
$Quality	0	7	9	35	50
$Utility	0	2	2	5	15

	quite	very
	Anzahl	Anzahl
$Experience	62	15
$PersonalMotivation	66	36
$Quality	46	18
$Utility	52	44

Nichtparametrische Tests

[DatenSet1] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work report_ fertigeDateien\scientists results\Knowledge Organisation\Knowledge Worker.sav

Wilcoxon-Test

Ränge

		N	Mittlerer Rang	Rangsumme
woolly - precise - unreliable - reliable	Negative Ränge	28[a]	20,64	578,00
	Positive Ränge	12[b]	20,17	242,00
	Bindungen	40[c]		
	Gesamt	80		
unreliable - reliable - unsupported - is supported	Negative Ränge	13[d]	29,88	388,50
	Positive Ränge	45[e]	29,39	1322,50
	Bindungen	22[f]		
	Gesamt	80		
woolly - precise - unsupported - is supported	Negative Ränge	18[g]	28,31	509,50
	Positive Ränge	37[h]	27,85	1030,50
	Bindungen	25[i]		
	Gesamt	80		

a. woolly - precise < unreliable - reliable

b. woolly - precise > unreliable - reliable

c. woolly - precise = unreliable - reliable

d. unreliable - reliable < unsupported - is supported

e. unreliable - reliable > unsupported - is supported

f. unreliable - reliable = unsupported - is supported

g. woolly - precise < unsupported - is supported

h. woolly - precise > unsupported - is supported

i. woolly - precise = unsupported - is supported

Statistik für Test[c]

	woolly - precise - unreliable - reliable	unreliable - reliable - unsupported - is supported	woolly - precise - unsupported - is supported
Z	-2,351[a]	-3,707[b]	-2,279[b]
Asymptotische Signifikanz (2-seitig)	,019	,000	,023

a. Basiert auf positiven Rängen.

b. Basiert auf negativen Rängen.

c. Wilcoxon-Test

Wilcoxon-Test

Ränge

		N	Mittlerer Rang	Rangsumme
training needed - sufficiently trained - not professional - professional	Negative Ränge	39[a]	28,05	1094,00
	Positive Ränge	14[b]	24,07	337,00
	Bindungen	27[c]		
	Gesamt	80		
training needed - sufficiently trained - inefficient - efficient	Negative Ränge	42[d]	31,36	1317,00
	Positive Ränge	17[e]	26,65	453,00
	Bindungen	21[f]		
	Gesamt	80		
not professional - professional - inefficient - efficient	Negative Ränge	24[g]	26,21	629,00
	Positive Ränge	26[h]	24,85	646,00
	Bindungen	30[i]		
	Gesamt	80		
inexperienced - experienced - inefficient - efficient	Negative Ränge	13[j]	19,88	258,50
	Positive Ränge	41[k]	29,91	1226,50
	Bindungen	26[l]		
	Gesamt	80		
training needed - sufficiently trained - inexperienced - experienced	Negative Ränge	51[m]	28,67	1462,00
	Positive Ränge	4[n]	19,50	78,00
	Bindungen	25[o]		
	Gesamt	80		
not professional - professional - inexperienced - experienced	Negative Ränge	38[p]	24,99	949,50
	Positive Ränge	8[q]	16,44	131,50
	Bindungen	34[r]		
	Gesamt	80		

a. training needed - sufficiently trained < not professional - professional

b. training needed - sufficiently trained > not professional - professional

c. training needed - sufficiently trained = not professional - professional

d. training needed - sufficiently trained < inefficient - efficient

e. training needed - sufficiently trained > inefficient - efficient

f. training needed - sufficiently trained = inefficient - efficient

g. not professional - professional < inefficient - efficient

h. not professional - professional > inefficient - efficient

i. not professional - professional = inefficient - efficient

j. inexperienced - experienced < inefficient - efficient

k. inexperienced - experienced > inefficient - efficient

l. inexperienced - experienced = inefficient - efficient

m. training needed - sufficiently trained < inexperienced - experienced

n. training needed - sufficiently trained > inexperienced - experienced

o. training needed - sufficiently trained = inexperienced - experienced

p. not professional - professional < inexperienced - experienced

q. not professional - professional > inexperienced - experienced

r. not professional - professional = inexperienced - experienced

Ränge

		N	Mittlerer Rang	Rangsumme
not professional - professional - inexperienced - experienced	Negative Ränge	38[a]	24,99	949,50
	Positive Ränge	8[b]	16,44	131,50
	Bindungen	34[c]		
	Gesamt	80		

a. not professional - professional < inexperienced - experienced

b. not professional - professional > inexperienced - experienced

c. not professional - professional = inexperienced - experienced

Statistik für Test[c]

	training needed - sufficiently trained - not professional - professional	training needed - sufficiently trained - inefficient - efficient	not professional - professional - inefficient - efficient	inexperienced - experienced - inefficient - efficient
Z	-3,400[a]	-3,312[a]	-,084[b]	-4,285[b]
Asymptotische Signifikanz (2-seitig)	,001	,001	,933	,000

Statistik für Test[c]

	training needed - sufficiently trained - inexperienced - experienced	not professional - professional - inexperienced - experienced
Z	-5,846[a]	-4,569[a]
Asymptotische Signifikanz (2-seitig)	,000	,000

a. Basiert auf positiven Rängen.

b. Basiert auf negativen Rängen.

c. Wilcoxon-Test

Statistik für Test[b]

	not professional - professional - inexperienced - experienced
Z	-4,569[a]
Asymptotische Signifikanz (2-seitig)	,000

a. Basiert auf positiven Rängen.

b. Wilcoxon-Test

Wilcoxon-Test

Ränge

		N	Mittlerer Rang	Rangsumme
irrelevant - relevant - unimportant - important	Negative Ränge	11[a]	8,18	90,00
	Positive Ränge	4[b]	7,50	30,00
	Bindungen	65[c]		
	Gesamt	80		
neutral for success of employer - positive for success of employer - unimportant - important	Negative Ränge	22[d]	18,55	408,00
	Positive Ränge	10[e]	12,00	120,00
	Bindungen	48[f]		
	Gesamt	80		
neutral for success of employer - positive for success of employer - irrelevant - relevant	Negative Ränge	18[g]	18,86	339,50
	Positive Ränge	13[h]	12,04	156,50
	Bindungen	49[i]		
	Gesamt	80		

a. irrelevant - relevant < unimportant - important

b. irrelevant - relevant > unimportant - important

c. irrelevant - relevant = unimportant - important

d. neutral for success of employer - positive for success of employer < unimportant - important

e. neutral for success of employer - positive for success of employer > unimportant - important

f. neutral for success of employer - positive for success of employer = unimportant - important

g. neutral for success of employer - positive for success of employer < irrelevant - relevant

h. neutral for success of employer - positive for success of employer > irrelevant - relevant

i. neutral for success of employer - positive for success of employer = irrelevant - relevant

Statistik für Test[b]

	irrelevant - relevant - unimportant - important	neutral for success of employer - positive for success of employer - unimportant - important	neutral for success of employer - positive for success of employer - irrelevant - relevant
Z	-1,886[a]	-2,822[a]	-1,865[a]
Asymptotische Signifikanz (2-seitig)	,059	,005	,062

a. Basiert auf positiven Rängen.

b. Wilcoxon-Test

Wilcoxon-Test

Ränge

		N	Mittlerer Rang	Rangsumme
no learning benefit - learning benefit - boring - exciting	Negative Ränge	16[a]	16,66	266,50
	Positive Ränge	24[b]	23,06	553,50
	Bindungen	40[c]		
	Gesamt	80		
uninteresting - interesting - boring - exciting	Negative Ränge	7[d]	16,29	114,00
	Positive Ränge	22[e]	14,59	321,00
	Bindungen	51[f]		
	Gesamt	80		
uninteresting - interesting - no learning benefit - learning benefit	Negative Ränge	19[g]	19,11	363,00
	Positive Ränge	20[h]	20,85	417,00
	Bindungen	41[i]		
	Gesamt	80		

a. no learning benefit - learning benefit < boring - exciting

b. no learning benefit - learning benefit > boring - exciting

c. no learning benefit - learning benefit = boring - exciting

d. uninteresting - interesting < boring - exciting

e. uninteresting - interesting > boring - exciting

f. uninteresting - interesting = boring - exciting

g. uninteresting - interesting < no learning benefit - learning benefit

h. uninteresting - interesting > no learning benefit - learning benefit

i. uninteresting - interesting = no learning benefit - learning benefit

Statistik für Test[b]

	no learning benefit - learning benefit - boring - exciting	uninteresting - interesting - boring - exciting	uninteresting - interesting - no learning benefit - learning benefit
Z	-2,036[a]	-2,335[a]	-,415[a]
Asymptotische Signifikanz (2-seitig)	,042	,020	,678

a. Basiert auf negativen Rängen.

b. Wilcoxon-Test

Nichtparametrische Korrelationen

```
[DatenSet9] \\RPZMS000362\U_muehlbs1$\My Documents\Muehlbacher\Diss\Diss_Kapitel\work
report_ fertigeDateien\semdiff results\semdiff spss dateien und auswertungen
\Daten_SemDiff_Roche_Arbeitsbericht_engl.sav
```

Korrelationen

			Field of Study Comprised	unreliable - reliable	woolly - precise
Kendall-Tau-b	Field of Study Comprised	Korrelationskoeffizient	1,000	-,200*	-,303**
		Sig. (2-seitig)	.	,045	,002
		N	80	80	80
	unreliable - reliable	Korrelationskoeffizient	-,200*	1,000	,569**
		Sig. (2-seitig)	,045	.	,000
		N	80	80	80
	woolly - precise	Korrelationskoeffizient	-,303**	,569**	1,000
		Sig. (2-seitig)	,002	,000	.
		N	80	80	80
Spearman-Rho	Field of Study Comprised	Korrelationskoeffizient	1,000	-,224*	-,341**
		Sig. (2-seitig)	.	,046	,002
		N	80	80	80
	unreliable - reliable	Korrelationskoeffizient	-,224*	1,000	,651**
		Sig. (2-seitig)	,046	.	,000
		N	80	80	80
	woolly - precise	Korrelationskoeffizient	-,341**	,651**	1,000
		Sig. (2-seitig)	,002	,000	.
		N	80	80	80

*. Die Korrelation ist auf dem 0,05 Niveau signifikant (zweiseitig).

**. Die Korrelation ist auf dem 0,01 Niveau signifikant (zweiseitig).