

CHAPTER 4: CORRESPONDENCE ANALYSIS

Output from analysis of attitude to abortion data

Analysis of 2-way table of attitude towards abortion by education

Correspondence Table

education	attitude to therapeutic abortion			
	positive	mixed	negative	Active Margin
<= 8 years	101	120	320	541
9-12 years	599	341	756	1696
>=13 years	475	161	308	944
Active Margin	1175	622	1384	3181

Row Profiles

education	attitude to therapeutic abortion			
	positive	mixed	negative	Active Margin
<= 8 years	.187	.222	.591	1.000
9-12 years	.353	.201	.446	1.000
>=13 years	.503	.171	.326	1.000
Mass	.369	.196	.435	

Column Profiles

education	attitude to therapeutic abortion			
	positive	mixed	negative	Mass
<= 8 years	.086	.193	.231	.170
9-12 years	.510	.548	.546	.533
>=13 years	.404	.259	.223	.297
Active Margin	1.000	1.000	1.000	

Summary

Dimension	Singular Value	Inertia	Chi Square	Sig.	Proportion of Inertia		Confidence Singular Value	
					Accounted for	Cumulative	Standard Deviation	Correlation
1	.222	.049			.999	.999	.016	.086
2	.008	.000			.001	1.000	.018	
Total		.050	157.580	.000 ^a	1.000	1.000		

a. 4 degrees of freedom

Overview Row Points^a

education	Mass	Score in Dimension		Inertia	Contribution				
					Of Point to Inertia of Dimension		Of Dimension to Inertia of Point		
					1	2	1	2	Total
<= 8 years	.170	-.821	.123	.026	.516	.314	.999	.001	1.000
9-12 years	.533	-.069	-.084	.001	.012	.455	.949	.051	1.000
>=13 years	.297	.595	.080	.023	.473	.230	.999	.001	1.000
Active Total	1.000			.050	1.000	1.000			

a. Symmetrical normalization

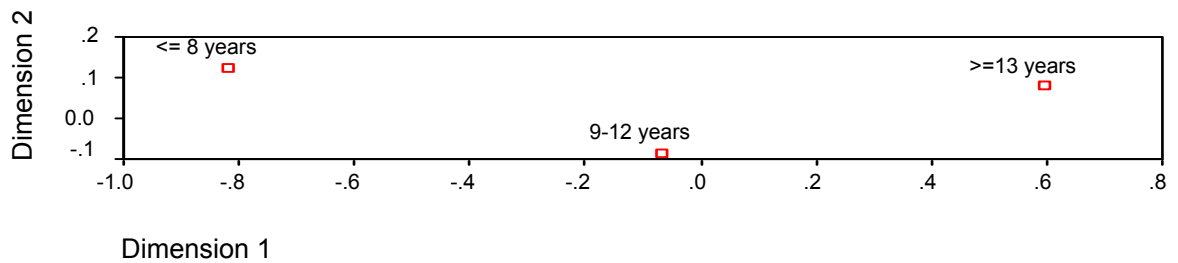
Overview Column Points

attitude to therapeutic abortion	Mass	Score in Dimension		Inertia	Contribution				
		1	2		Of Point to Inertia of Dimension		Of Dimension to Inertia of Point		
					1	2	1	2	Total
positive	.369	.606	.022	.030	.609	.022	1.000	.000	1.000
mixed	.196	-.191	-.180	.002	.032	.773	.968	.032	1.000
negative	.435	-.428	.062	.018	.359	.206	.999	.001	1.000
Active Total	1.000			.050	1.000	1.000			

a. Symmetrical normalization

Row Points for education

Symmetrical Normalization



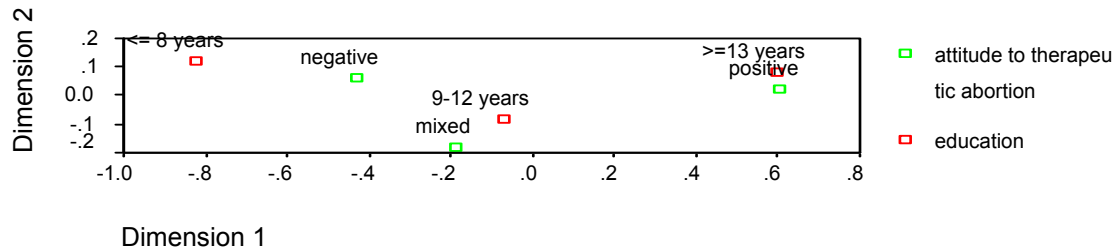
Column Points for attitude to therapeutic abortion

Symmetrical Normalization



Row and Column Points

Symmetrical Normalization



Analysis of 3-way table of attitude towards abortion by education and religion

Correspondence Table

EDREL	attitude to therapeutic abortion			
	positive	mixed	negative	Active Margin
<=8 NP	49	46	115	210
9-12 NP	293	140	277	710
>=13 NP	244	66	100	410
<=8 SP	27	34	117	178
9-12 SP	134	98	167	399
>=13 SP	138	38	73	249
<=8 C	25	40	88	153
9-12 C	172	103	312	587
>=13 C	93	57	135	285
Active Margin	1175	622	1384	3181

Summary

Dimension	Singular Value	Inertia	Chi Square	Sig.	Proportion of Inertia		Confidence Singular Value	
					Accounted for	Cumulative	Standard Deviation	Correlation
								2
1	.277	.077			.947	.947	.017	.042
2	.065	.004			.053	1.000	.018	
Total		.081	257.524	.000 ^a	1.000	1.000		

a. 16 degrees of freedom

Overview Row Points^a

EDREL	Mass	Score in Dimension		Inertia	Contribution				
					Of Point to Inertia of Dimension		Of Dimension to Inertia of Point		
					1	2	1	2	Total
<=8 NP	.066	-.543	-.062	.005	.070	.004	.997	.003	1.000
9-12 NP	.223	.184	-.075	.002	.027	.019	.962	.038	1.000
>=13 NP	.129	.907	.057	.029	.383	.006	.999	.001	1.000
<=8 SP	.056	-.920	.338	.014	.171	.098	.969	.031	1.000
9-12 SP	.125	-.081	-.474	.002	.003	.432	.110	.890	1.000
>=13 SP	.078	.725	.198	.012	.149	.047	.983	.017	1.000
<=8 C	.048	-.786	-.408	.009	.107	.123	.940	.060	1.000
9-12 C	.185	-.345	.310	.007	.079	.271	.840	.160	1.000
>=13 C	.090	-.176	.011	.001	.010	.000	.999	.001	1.000
Active Total	1.000			.081	1.000	1.000			

a. Symmetrical normalization

Overview Column Points^a

attitude to therapeutic abortion	Mass	Score in Dimension		Inertia	Contribution				
		1	2		Of Point to Inertia of Dimension		Of Dimension to Inertia of Point		
					1	2	1	2	Total
positive	.369	.669	.077	.046	.597	.034	.997	.003	1.000
mixed	.196	-.163	-.512	.005	.019	.786	.300	.700	1.000
negative	.435	-.495	.165	.030	.385	.180	.975	.025	1.000
Active Total	1.000			.081	1.000	1.000			

a. Symmetrical normalization

Row and Column Points

Symmetrical Normalization

