

CHAPTER 4: CORRESPONDENCE ANALYSIS

Output from analysis of leisure data

Correspondence Table

OCCUP	ACTIVITY										
	Sport	Cinema	Dance/disco	Cafe/rest.	Theatre	Classical concert	Pop concert	Art exhibition	Library	Church	Active Margin
Manual	301	261	361	463	89	23	117	104	130	168	2017
Low N.M.	497	550	534	766	350	182	298	379	352	370	4278
High N.M.	208	250	204	334	195	124	145	219	153	187	2019
Farmer	50	27	59	72	12	10	11	21	17	51	330
Student	254	339	324	350	143	60	184	152	272	162	2240
Retired	187	157	216	601	167	110	56	213	264	424	2395
Active Margin	1497	1584	1698	2586	956	509	811	1088	1188	1362	13279

Summary

Dimension	Singular Value	Inertia	Chi Square	Sig.	Proportion of Inertia		Confidence Singular Value	
					Accounted for	Cumulative	Standard Deviation	Correlation
1	.189	.036			.572	.572	.008	-.011
2	.142	.020			.322	.895	.008	
3	.076	.006			.094	.988		
4	.026	.001			.011	1.000		
5	.005	.000			.000	1.000		
Total		.062	827.084	.000 ^a	1.000	1.000		

a. 45 degrees of freedom

Overview Row Points^a

OCCUP	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
Manual	.152	-.357	.670	.014	.103	.481	.265	.698	.963
Low N.M.	.322	-.130	-.181	.003	.029	.075	.361	.529	.890
High N.M.	.152	.028	-.539	.007	.001	.311	.003	.877	.880
Farmer	.025	.190	.755	.003	.005	.100	.054	.637	.691
Student	.169	-.408	-.048	.009	.149	.003	.594	.006	.600
Retired	.180	.865	.155	.026	.714	.031	.964	.023	.987
Active Total	1.000			.062	1.000	1.000			

a. Symmetrical normalization

Overview Column Points^a

ACTIVITY	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
Sport	.113	-.349	.254	.004	.073	.051	.617	.245	.862
Cinema	.119	-.519	-.139	.006	.170	.016	.932	.050	.982
Dance/disco	.128	-.396	.405	.007	.106	.148	.551	.433	.984
Cafe/rest.	.195	.277	.333	.006	.079	.152	.446	.485	.931
Theatre	.072	.092	-.597	.004	.003	.181	.029	.919	.948
Classical concert	.038	.459	-.869	.006	.043	.204	.253	.679	.932
Pop concert	.061	-.660	-.397	.006	.141	.068	.780	.212	.992
Art exhibition	.082	.223	-.490	.004	.022	.139	.203	.731	.934
Library	.089	.146	-.110	.005	.010	.008	.075	.032	.108
Church	.103	.807	.213	.013	.354	.033	.939	.049	.988
Active Total	1.000			.062	1.000	1.000			

a. Symmetrical normalization

Row and Column Points

Symmetrical Normalization

