

Table 8.1: Correlations between lifestyles and city size, density, availability of key destination and facilities, and land use types and mix in the sample of small Kansas cities

Categories of Spatial Factors	Spatial Factors	Spearman's rho (N varies between 34 and 36)												
		Work-Related Travel Behaviors			Food-Shopping and Eating Behaviors				Physical and Sedentary Activities					
		Workers Who Live and Work in This City (as Percentage of Total Population)	Drove Alone to Work (as Percentage of Working Population)	Carpooled to Work (as Percentage of Working Population)	Income Spent on Food at Supermarket/Grocery Store (%)	Income Spent on Food at Other Stores (%)	Income Spent on Eating Out (%)	Healthy Diet Rate (%)	People doing vigorous-intensity work activities (%)	People doing moderate-intensity work activities (%)	People walking or bicycling (%)	People doing vigorous-intensity recreational activities (%)	People doing moderate-intensity recreational activities (%)	Average hours a day doing sedentary activities
City Size	Land Area in Square Miles	.239	-.206	.121	.409*	-.138	.092	-.402*	-.189	-.488**	.548**	.159	-.182	-.310
Density	Census Block Density (Census Block per Square Mile)	.259	-.253	.252	-.080	.399*	.237	-.019	.109	.246	.030	-.004	-.007	-.031
	Housing Density (Houses and Condos per Square Mile)	-.021	.060	-.039	-.223	.269	.202	.150	.164	.242	-.014	.264	.326	.103
Availability of Key Destinations and Facilities	Healthcare Facilities per 10,000 People	.081	.114	-.096	-.084	-.001	-.348*	.136	.237	.336*	-.543**	-.485**	-.199	.064
	Healthcare Facilities per Square Mile	-.028	.149	-.111	-.253	.222	-.138	.205	.341*	.430**	-.461**	-.234	-.002	.088
	Parks per 10,000 People	.182	.204	-.263	-.029	-.154	.016	.106	-.079	.176	-.043	-.132	.042	.255
	Parks per Square Mile	.049	.124	-.155	-.118	.027	.253	.087	-.094	.140	.175	.188	.242	.223
	Grocery Stores per 10,000 People	-.372*	.493**	-.437**	-.409*	-.076	-.295	.437**	.291	.498**	-.711**	-.234	.152	.335*
	Grocery Stores per Square Mile	-.422*	.449**	-.369*	-.484**	.082	-.071	.440**	.269	.475**	-.569**	.001	.314	.332*
	Convenience Stores per 10,000 People	-.489**	.185	-.115	-.184	.022	-.194	.143	.230	.167	-.242	-.067	.058	.057
	Convenience Stores per Square Mile	-.500**	.171	-.099	-.240	.087	-.152	.187	.249	.210	-.234	-.013	.109	.083
	Convenience Stores with Gas per 10,000 People	-.384*	.398*	-.371*	-.437**	.003	-.205	.528**	.320	.578**	-.630**	-.144	.231	.416*
	Convenience Stores with Gas per Square Mile	-.394*	.315	-.274	-.514**	.263	.104	.508**	.340*	.591**	-.435**	.151	.408*	.407*
	Businesses per 10,000 People	.438**	.011	-.083	.357*	-.181	-.027	-.299	.121	.001	.183	-.315	-.311	-.198
	Businesses per Square Mile	.485**	-.354*	.276	.518**	-.103	.162	-.533**	-.207	-.525**	.653**	.102	-.263	-.397*
	Full-Service Restaurants per 10,000 People	-.419*	.492**	-.435**	-.449**	-.057	-.155	.490**	.281	.501**	-.575**	-.134	.208	.346*
	Full-Service Restaurants per Square Mile	-.403*	.435**	-.386*	-.502**	.147	.124	.464**	.324	.519**	-.391*	.138	.390*	.331*
Land Use Types and Mix	Open Area as percentage of Total City Area	-.273	.009	.085	-.238	.213	-.178	.262	.084	.211	-.366*	-.133	.002	.167
	Industrial Area as percentage of Total City Area	.544**	-.301	.249	.356*	.129	.188	-.422*	-.144	-.231	.383*	-.051	-.198	-.383*
	Residential Area as percentage of Total City Area	-.125	.052	-.086	-.283	-.045	-.003	.227	.062	.222	-.066	.103	.214	.187
	Commercial Area as percentage of Total City Area	.085	-.045	.025	.240	.047	.011	-.272	.070	-.024	.229	-.081	-.208	-.175
	Institutional and Other City Services as percentage of Total City Area	.190	-.055	.001	.196	-.132	-.052	-.038	-.067	-.160	-.021	-.022	-.048	.027
	Land Use Mix	.310	-.282	.252	.366*	.126	-.065	-.293	-.079	-.194	.119	-.175	-.300	-.271

**Correlation is significant at the 0.01 level (2-tailed); *Correlation is significant at the 0.05 level (2-tailed).