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APPENDIX

Results of Motor Vehicle Accidents

Correlation among the factors related to motor vehicle accidents

	veh type1	veh type2	gender1	gender2	license1	license2
veh type2	-1.000					
gender1	-0.078	0.078				
gender2	0.078	-0.078	-1.000			
license1	-0.099	0.099	0.007	-0.007		
license2	0.099	-0.099	-0.007	0.007	-1.000	
alcohol1	-0.095	0.095	-0.025	0.025	0.144	-0.144
alcohol2	0.095	-0.095	0.025	-0.025	-0.144	0.144
time1	-0.088	0.088	-0.034	0.034	0.040	-0.040
time2	0.088	-0.088	0.034	-0.034	-0.040	0.040
workday1	-0.058	0.058	-0.005	0.005	0.022	-0.022
workday2	0.058	-0.058	0.005	-0.005	-0.022	0.022
location1	-0.018	0.018	0.025	-0.025	-0.017	0.017
location2	0.018	-0.018	-0.025	0.025	0.017	-0.017
cause1	0.011	-0.011	-0.001	0.001	0.008	-0.008
cause2	-0.064	0.064	-0.008	0.008	0.084	-0.084
cause3	0.074	-0.074	0.012	-0.012	-0.120	0.120
	alcohol1	alcohol2	time1	time2	workday1	workday2
alcohol2	-1.000					
time1	0.129	-0.129				
time2	-0.129	0.129	-1.000			
workday1	0.040	-0.040	0.042	-0.042		
workday2	-0.040	0.040	-0.042	0.042	-1.000	
location1	-0.003	0.003	-0.003	0.003	-0.011	0.011
location2	0.003	-0.003	0.003	-0.003	0.011	-0.011
cause1	0.067	-0.067	-0.014	0.014	-0.013	0.013
cause2	0.366	-0.366	0.090	-0.090	0.033	-0.033
cause3	-0.555	0.555	-0.105	0.105	-0.030	0.030
	location1	location2	cause1	cause2		
location2	-1.000					
cause1	0.017	-0.017				
cause2	-0.022	0.022	-0.667			
cause3	0.012	-0.012	-0.146	-0.640		

Cell Contents: Pearson correlation

Results of Motorcycle Accidents

Correlation among the factors related to motorcycle accidents

	license1	license2	time1	time2	workday1	workday2
license2	-1.000					
time1	0.066	-0.066				
time2	-0.066	0.066	-1.000			
workday1	0.026	-0.026	0.039	-0.039		
workday2	-0.026	0.026	-0.039	0.039	-1.000	
location1	-0.034	0.034	-0.024	0.024	-0.009	0.009
location2	0.034	-0.034	0.024	-0.024	0.009	-0.009
gender1	-0.002	0.002	-0.069	0.069	-0.014	0.014
gender2	0.002	-0.002	0.069	-0.069	0.014	-0.014
cause1	-0.005	0.005	-0.003	0.003	-0.010	0.010
cause2	0.069	-0.069	0.065	-0.065	0.024	-0.024
cause3	-0.089	0.089	-0.085	0.085	-0.021	0.021
surface1	0.006	-0.006	0.088	-0.088	0.004	-0.004
surface2	-0.006	0.006	-0.088	0.088	-0.004	0.004
weather1	0.006	-0.006	0.094	-0.094	0.004	-0.004
weather2	-0.006	0.006	-0.094	0.094	-0.004	0.004
light1	0.069	-0.069	0.971	-0.971	0.041	-0.041
light2	-0.079	0.079	-0.862	0.862	-0.036	0.036
light3	0.010	-0.010	-0.282	0.282	-0.011	0.011
	location1	location2	gender1	gender2	cause1	cause2
location2	-1.000					
gender1	0.027	-0.027				
gender2	-0.027	0.027	-1.000			
cause1	0.015	-0.015	0.025	-0.025		
cause2	-0.015	0.015	-0.019	0.019	-0.694	
cause3	0.004	-0.004	-0.001	0.001	-0.162	-0.598
surface1	-0.015	0.015	-0.007	0.007	-0.018	0.024
surface2	0.015	-0.015	0.007	-0.007	0.018	-0.024
weather1	-0.017	0.017	-0.008	0.008	-0.012	0.020
weather2	0.017	-0.017	0.008	-0.008	0.012	-0.020
light1	-0.025	0.025	-0.068	0.068	-0.002	0.063
light2	0.048	-0.048	0.063	-0.063	-0.000	-0.058
light3	-0.035	0.035	0.015	-0.015	0.004	-0.016
	cause3	surface1	surface2	weather1	weather2	light1
surface1	-0.014					
surface2	0.014	-1.000				
weather1	-0.014	0.966	-0.966			
weather2	0.014	-0.966	0.966	-1.000		
light1	-0.084	0.088	-0.088	0.095	-0.095	
light2	0.079	-0.085	0.085	-0.092	0.092	-0.837
light3	0.017	-0.015	0.015	-0.015	0.015	-0.377
	light2					
light3	-0.190					

Cell Contents: Pearson correlation