

Results

Descriptive Statistics

Descriptive Statistics

ego_lane_pos	
Valid	129
Missing	0
Mean	58.909
Std. Deviation	23.299
Minimum	18.210
Maximum	141.210

Linear Regression

Model Summary - hazardous_lane_pos

Model	R	R ²	Adjusted R ²	RMSE	R ² Change	F Change	df1	df2	p	Durbin-Watson		
										Autocorrelation	Statistic	p
H ₀	0.000	0.000	0.000	8.069	0.000		0	128		0.004	1.991	0.958
H ₁	0.517	0.267	0.231	7.074	0.267	7.425	6	122	< .001	-0.029	2.054	0.817

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	2229.219	6	371.536	7.425	< .001
	Residual	6104.966	122	50.041		
	Total	8334.185	128			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized ^a	t	p	95% CI		Collinearity Statistics	
							Lower	Upper	Tolerance	VIF
H ₀	(Intercept)	2.784	0.710		3.918	< .001	1.378	4.189		
H ₁	(Intercept)	2.714	3.303		0.822	0.413	-3.825	9.253		
	curve_radius	-0.130	0.036	-0.632	-3.652	< .001	-0.201	-0.060	0.200	4.993
	meas_v_gps	0.023	0.055	0.046	0.416	0.678	-0.087	0.133	0.481	2.080
	km_Leben	1.029×10 ⁻⁵	5.074×10 ⁻⁶	0.158	2.028	0.045	2.432×10 ⁻⁷	2.033×10 ⁻⁵	0.990	1.010
	curve_sight	4.990	0.900	0.554	5.546	< .001	3.209	6.772	0.601	1.664
	traffic_oncoming (1)	-0.633	1.724		-0.483	0.630	-4.246	2.581	0.922	1.084
	curve_centerline (1)	2.043	2.226		1.053	0.295	-2.064	6.751	0.323	3.093

^a Standardized coefficients can only be computed for continuous predictors.

Part And Partial Correlations

Model		Partial	Part
H ₁	curve_radius	-0.314	-0.283
	meas_v_gps	0.038	0.032
	km_Leben	0.181	0.157
	curve_sight	0.449	0.430
	traffic_oncoming	0.044	0.037
	curve_centerline	0.095	0.082

Note. The intercept model is omitted, as no meaningful information can be shown.

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions						
				(Intercept)	curve_radius	meas_v_gps	skm_Leben	curve_sight	traffic_oncoming	centerline (1)
H ₁	1	4.858	1.000	0.001	0.002	0.001	0.011	0.009	0.007	0.005
	2	0.901	2.322	0.000	0.002	0.000	0.003	0.003	0.671	0.032
	3	0.627	2.784	0.002	0.002	0.001	0.393	0.042	0.141	0.054
	4	0.303	4.007	0.023	0.004	0.015	0.552	0.041	0.070	0.089
	5	0.233	4.568	0.001	0.002	0.000	0.001	0.803	0.074	0.235
	6	0.067	8.539	0.146	0.469	0.001	0.039	0.096	0.026	0.262
	7	0.012	19.778	0.826	0.520	0.982	0.000	0.006	0.012	0.323

Note. The intercept model is omitted, as no meaningful information can be shown.

Casewise Diagnostics

Case Number	Std. Residual	hazardous_lane_pos	Predicted Value	Residual	Cook's Distance
26	3.081	31.000	9.957	21.043	0.098
33	7.841	61.210	8.913	52.297	1.096
43	3.165	28.210	6.398	21.812	0.077

Residuals Statistics

	Minimum	Maximum	Mean	SD	N
Predicted Value	-2.376	14.315	2.784	4.173	129
Residual	-11.714	52.297	-1.716×10 ⁻¹⁶	6.906	129
Std. Predicted Value	-1.236	2.763	4.710×10 ⁻¹⁷	1.000	129
Std. Residual	-1.706	7.841	0.002	1.022	129

