

Results

Descriptive Statistics

Descriptive Statistics

ego_lane_pos	
Valid	129
Missing	0
Mean	68.618
Std. Deviation	21.782
Minimum	24.450
Maximum	123.600

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	9.991	0.000		0	128		0.163	1.671	0.060
H ₁	0.452	0.204	0.165	9.131	0.204	5.208	6	122	< .001	0.151	1.693	0.066

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	2605.165	6	434.194	5.208	< .001
	Residual	10171.570	122	83.374		
	Total	12776.736	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)	4.734	0.880		5.381	< .001	2.993	6.474		
H ₁	(Intercept)	14.651	4.725		3.101	0.002	5.297	24.005		
	curve_radius	-0.057	0.054	-0.224	-1.050	0.296	-0.165	0.051	0.143	6.978
	meas_v_gps	-0.177	0.131	-0.268	-1.351	0.179	-0.435	0.082	0.166	6.019
	km_Leben	1.718×10 ⁻⁶	6.553×10 ⁻⁶	0.021	0.262	0.794	-1.125×10 ⁻⁵	1.469×10 ⁻⁵	0.988	1.012
	curve_sight	5.699	1.225	0.511	4.652	< .001	3.274	8.125	0.540	1.851
	traffic_oncoming (1)	1.757	2.206		-2.156	0.033	-9.124	-0.389	0.939	1.065
	curve_centerline (1)	1.279	2.490		-0.915	0.362	-7.209	2.651	0.431	2.323

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

Part And Partial Correlations

Model		Partial	Part
H ₁	curve_radius	-0.095	-0.085
	meas_v_gps	-0.121	-0.109
	km_Leben	0.024	0.021
	curve_sight	0.388	0.376
	traffic_oncoming	0.192	0.174
	curve_centerline	0.083	0.074

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	4.916	1.000	0.001	0.001	0.000	0.011	0.008	0.006	0.007
	2	0.898	2.339	0.000	0.001	0.000	0.004	0.001	0.717	0.035
	3	0.612	2.834	0.002	0.001	0.000	0.470	0.032	0.109	0.067
	4	0.266	4.296	0.031	0.003	0.006	0.476	0.042	0.069	0.203
	5	0.233	4.596	0.002	0.002	0.000	0.000	0.739	0.071	0.291
	6	0.067	8.592	0.114	0.338	0.000	0.038	0.093	0.027	0.373
	7	0.007	26.168	0.850	0.654	0.993	0.001	0.085	0.000	0.024

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	3.712	43.600	11.701	31.899	0.254
52	3.300	36.000	6.579	29.421	0.076

Residuals Statistics

	Minimum	Maximum	Mean	SD	N
Predicted Value	-5.482	17.404	4.734	4.511	129
Residual	-14.950	31.899	1.154×10 ⁻¹⁶	8.914	129
Std. Predicted Value	-2.264	2.808	-3.440×10 ⁻¹⁷	1.000	129
Std. Residual	-1.698	3.712	0.003	1.010	129

