

Results

Descriptive Statistics

Descriptive Statistics

ego_lane_pos	
Valid	129
Missing	0
Mean	42.361
Std. Deviation	14.215
Minimum	16.790
Maximum	87.890

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	0.695	0.000		0	128		−0.008	2.016	0.929
H ₁	0.265	0.070	0.025	0.686	0.070	1.536	6	122	0.172	0.010	1.980	0.864

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	4.339	6	0.723	1.536	0.172
	Residual	57.430	122	0.471		
	Total	61.770	128			

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

Coefficients

Model		Unstandardized B	Standard Error	Standardized ^a β	t	p	95% CI		Collinearity Statistics	
							Lower	Upper	Tolerance	VIF
H ₀	(Intercept)	0.061	0.061		1.000	0.319	−0.060	0.182		
H ₁	(Intercept)	0.560	0.298		1.883	0.062	−0.029	1.149		
	curve_radius	2.017×10 ^{−4}	0.003	0.011	0.063	0.950	−0.006	0.006	0.237	4.221
	meas_v_gps	−0.007	0.005	−0.158	−1.376	0.171	−0.018	0.003	0.578	1.731
	km_Leben	−5.182×10 ^{−7}	4.923×10 ^{−7}	−0.092	−1.053	0.295	−1.493×10 ^{−6}	4.563×10 ^{−7}	0.989	1.011
	curve_sight	0.180	0.088	0.233	2.042	0.043	0.006	0.355	0.587	1.704
	traffic_oncoming (1)	−0.064	0.166		−0.986	0.326	−0.492	0.165	0.936	1.068
	curve_centerline (1)	−0.248	0.195		−1.267	0.208	−0.635	0.139	0.395	2.534

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

Part And Partial Correlations

Model		Partial	Part
H ₁	curve_radius	0.006	0.006
	meas_v_gps	−0.124	−0.120
	km_Leben	−0.095	−0.092
	curve_sight	0.182	0.178
	traffic_oncoming	0.089	0.086
	curve_centerline	0.114	0.111

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	km_Leben	curve_sight	traffic_oncoming	centerline (1)
H ₁	1	4.857	1.000	0.002	0.002	0.001	0.011	0.009	0.007	0.006
	2	0.899	2.324	0.000	0.002	0.000	0.003	0.003	0.694	0.037
	3	0.627	2.783	0.003	0.002	0.001	0.394	0.043	0.133	0.066
	4	0.301	4.016	0.029	0.005	0.020	0.542	0.078	0.047	0.079
	5	0.234	4.561	0.000	0.001	0.000	0.013	0.727	0.092	0.335
	6	0.066	8.554	0.152	0.579	0.000	0.036	0.095	0.026	0.343
	7	0.016	17.458	0.814	0.409	0.978	0.000	0.046	0.001	0.133

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
84	11.045	7.890	0.611	7.279	1.463

Residuals Statistics

	Minimum	Maximum	Mean	SD	N
Predicted Value	−0.314	0.683	0.061	0.184	129
Residual	−0.683	7.279	4.432×10^{-18}	0.670	129
Std. Predicted Value	−2.038	3.380	-1.402×10^{-17}	1.000	129
Std. Residual	−1.051	11.045	0.001	1.016	129

