

Supplemental table 3. Multiple regression diagnostics (dynamic map perspective)

Regression analysis	Normal distribution of residuals		homoscedasticity	Residual Independence		multicollinearity		Cook's Distance
	PP plot	scatterplot	Durbin-Watson	TOL	VIF	Maximum		
Route Sequence	✓	✓	2.048	0.978	1.022	0.181		
Route Continuation	✓	✓	1.1711	0.93	1.075	0.238		
Distance Estimation	✓	✓	2.107	1.00	1.00	0.062		
Location on Map	✓	✓	2.181	1.00	1.00	0.89		
Point to Start	✓	✓	2.069	1.00	1.00	0.163		
Point to End	✓	✓	2.152	0.974	1.027	0.088		