

*Table S2. Alternative parameterization of congestion and mobility regressed on SDPs*

Effect	TomTom Congestion		Unacast Mobility	
	Estimate (95% CI)	p-value	Estimate (95% CI)	p-value
Intercept	-39.91 (-45.71,-34.1)	<0.001	-23.57 (-27.34,-19.8)	<0.001
SDP: Moderate	-2.98 (-5.51,-0.44)	0.022	-2.53 (-4.2,-0.85)	0.004
SDP: Major	-2.69 (-5.99,0.6)	0.108	-4.04 (-6.22,-1.86)	<0.001
SDP: Closed	-5.51 (-8.99,-2.03)	0.002	-7.83 (-10.14,-5.52)	<0.001
SDP: None	17.96 (14.56,21.36)	<0.001	5.65 (3.39,7.9)	<0.001
SDP: Minor	<i>Reference</i>			
Heavy Snow	38.88 (29.46,48.3)	<0.001	-12.34 (-17.94,-6.73)	<0.001
Light Snow	-0.54 (-3.45,2.37)	0.715	-2.2 (-3.96,-0.44)	0.014
Sunday	-4.14 (-5,-3.29)	<0.001	-2.68 (-3.18,-2.17)	<0.001
Monday	-8.62 (-9.53,-7.72)	<0.001	-0.62 (-1.17,-0.07)	0.028
Tuesday	-11.96 (-12.89,-11.04)	<0.001	1.74 (1.17,2.31)	<0.001
Wednesday	-11.46 (-12.39,-10.53)	<0.001	1.37 (0.8,1.94)	<0.001
Thursday	-10.52 (-11.43,-9.62)	<0.001	0.27 (-0.28,0.82)	0.336
Friday	-6.49 (-7.36,-5.63)	<0.001	-1.3 (-1.8,-0.79)	<0.001
Saturday	<i>Reference</i>			
Federal Holiday	-13.27 (-15.76,-10.79)	<0.001	-1.52 (-3,-0.04)	0.044

- The above table reports findings from the linear mixed model regression analyses of the impact of SDPs on TomTom congestion and Unacast mobility with minor restrictions as the reference level.
- TomTom congestion estimates are interpreted in terms of the percent change in average daily traffic congestion compared to days with minor restrictions in place, where positive estimates indicate an increase in congestion and negative estimates indicate a reduction in congestion.

- Unacast mobility estimates are interpreted in terms of the percent change in the average daily distance traveled compared to days with minor restrictions in place, where positive estimates indicate an increase in mobility and negative estimates indicate a reduction in mobility.