

## Appendix A

To assess the influence of the smooth term between latitude and longitude on model fit, we compared three models with different specifications (Table A1): full GAM, reduced GAM without the smooth term but with all other variables, and reduced GAM with only the smooth term. Reduced GAMs without the smooth term have lower fit indices than full GAMs. Reduced GAMs with only the smooth term outperform reduced GAMs with all other variables but without the smooth term. Overall, the smooth term between latitude and longitude improves model fit substantially.

**Table A1:** Fit (adjusted R square) of different model specifications

	<b>Full GAM</b>	<b>Reduced GAMs without the smooth term</b>	<b>Reduced GAM with only the smooth term</b>
Weekday model	0.354	0.216	0.281
Weekend model	0.338	0.203	0.227