

**S3 Table. Generalized linear model output for historical (1979-2013) U.S. National Park System monthly visitation relationship to monthly mean temperature.** The third-order polynomial model was the best-fit model (lowest BIC). Results shown are based on a model that includes park name as a categorical explanatory variable and a quasibinomial error distribution to account for overdispersion, and has 3737 degrees of freedom.

<b>Parameter</b>	<b>Estimate</b>	<b>Std. Error</b>	<b>z value</b>	<b>p value</b>
Intercept	-3.90E+00	1.27E-01	-30.598	< 0.0001
Temperature	1.55E-01	4.39E-03	35.189	< 0.0001
Temperature^2	-2.29E-03	3.78E-04	-6.06	< 0.0001
Temperature^3	-3.18E-05	9.67E-06	-3.283	0.001
				R <sup>2</sup> = 0.69

  

<b>Model</b>	<b>ΔBIC</b>
3rd-order polynomial	0
2nd-order polynomial	118
Temperature	14308
Null model	86919