

**Supplemental Materials for:**

**Frail males on the American frontier: the role of environmental harshness on sex ratios at birth across a period of rapid industrialization**

**SM Table S1. Marginal effects of the relevant GSL measure on sex proportions at birth, by time and space**

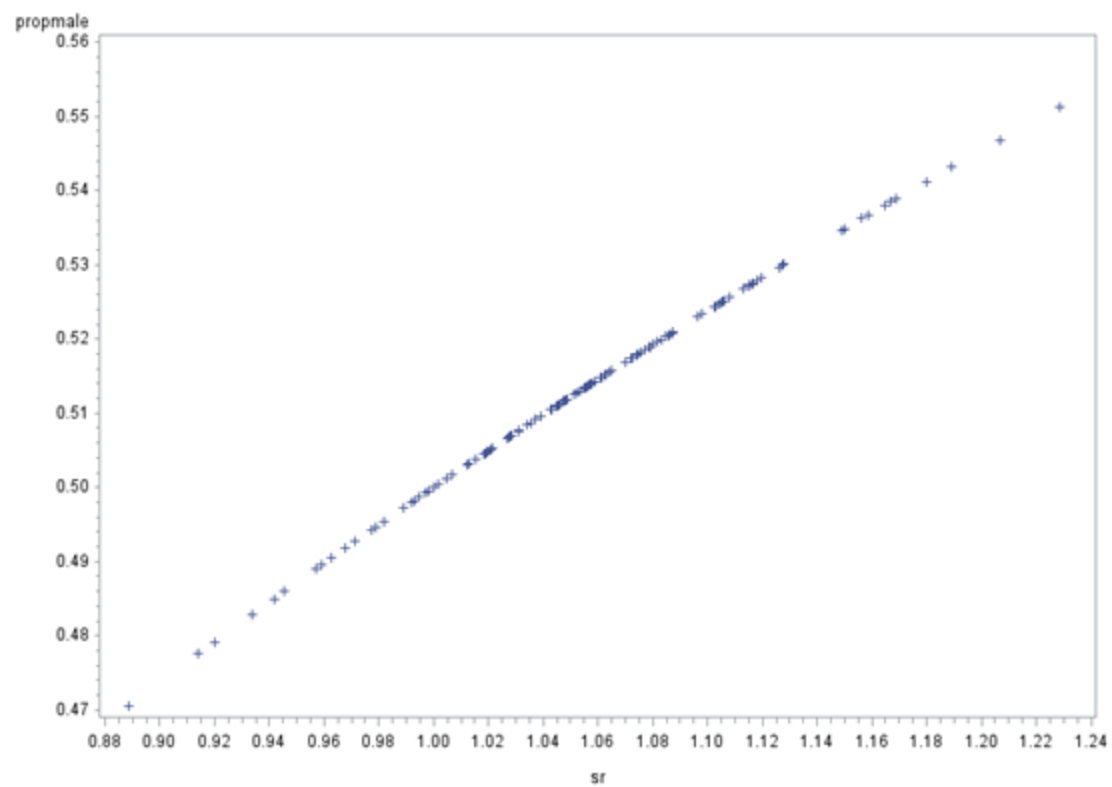
Peak Lake Elevation (in feet)			River Inflows (in 1,000 acre-feet)		
	Pre-Spike	Post-Spike		Pre-Spike	Post-Spike
Salt Lake County	0.00618*	0.00050	Salt Lake County	0.000003	0.000001
Other county	-0.00065	0.00024	Other county	-0.000006*	0.00003

Precipitation on Lake (in inches)			Fresh-Water Lake Evaporation (in inches)		
	Pre-Spike	Post-Spike		Pre-Spike	Post-Spike
Salt Lake County	0.00467*	0.00071	Salt Lake County	-0.000046*	-0.000004
Other county	0.00012	-0.00019	Other county	-0.000002	-0.000001

*p<.05					
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**SM Figure S1.** Sex ratio at birth (sr) by sex proportion (propmale)

**SM Table S2. Marginal effects of the relevant GSL measure on the probability of a birth being male, by time and space**

Peak Lake Elevation (in feet)			River Inflows (in 1,000 acre-feet)		
	Pre-Spike	Post-Spike		Pre-Spike	Post-Spike
Salt Lake County	0.02367*	0.00160	Salt Lake County	0.00002	0.00001
Other county	-0.00225	-0.00042	Other county	-0.00003*	0.00001

Precipitation on Lake (in inches)			Fresh-Water Lake Evaporation (in inches)		
	Pre-Spike	Post-Spike		Pre-Spike	Post-Spike
Salt Lake County	0.01761	0.00302	Salt Lake County	-0.00018*	-0.00001
Other county	0.00097	-0.00052	Other county	-0.00001	-0.00001

*p<.05					
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