



Supplementary Figure

Slope of the relationship between size and fecundity for Bristol Bay red king crab (*Paralithodes camtschaticus*) for each year of the study (2007, 2008, 2009, 2010, 2012, 2014, 2016, and 2018), plotted against the mean (spatial) bottom temperature in summer weighted by mature female abundance. The solid line represents the linear regression ($P=0.550$, coefficient of multiple determination=0.063), and the dotted and dashed lines represent the 95% confidence and 95% prediction bands, respectively. CL=carapace length.