

Inter-year variation in pup production of Caspian seals *Pusa caspica* 2005–2012 determined from aerial surveys

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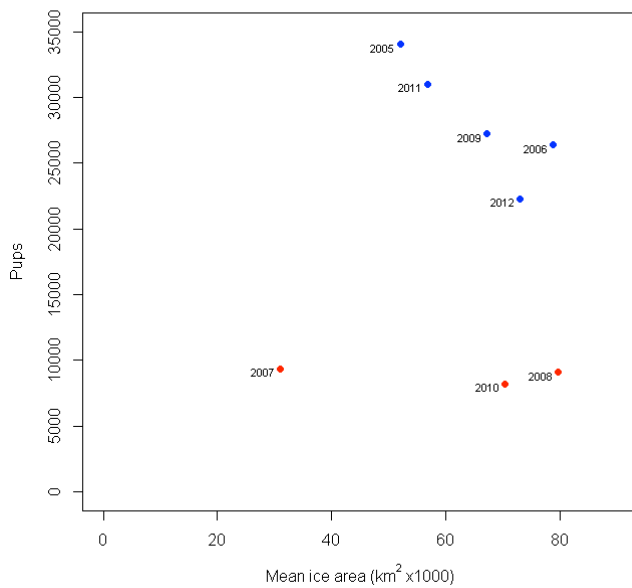
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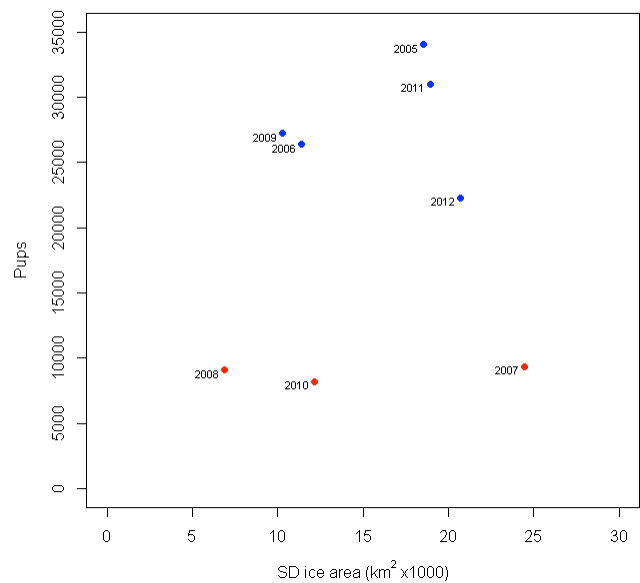
Supplement.

Figure S1. Plots of pup production against summary ice parameters and summer net primary productivity, npp. Red dots indicate years with extreme weather conditions.

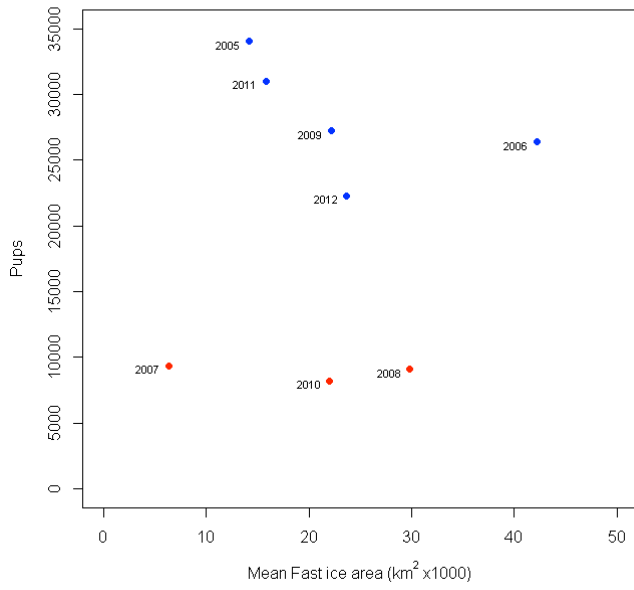
a)



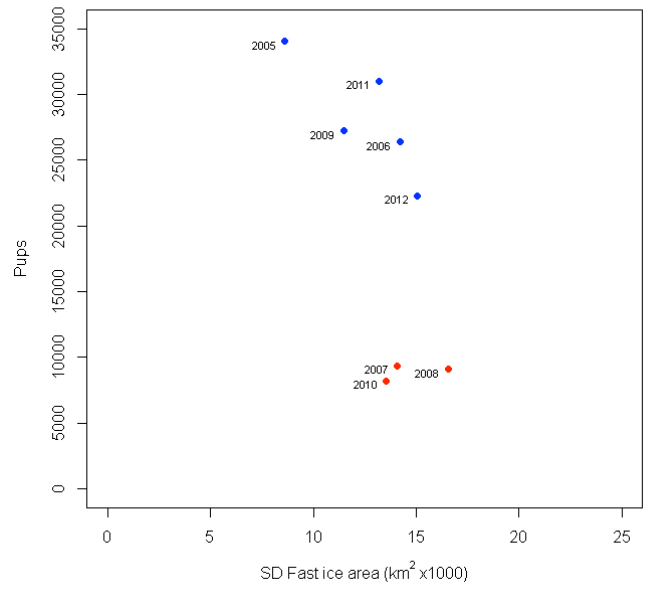
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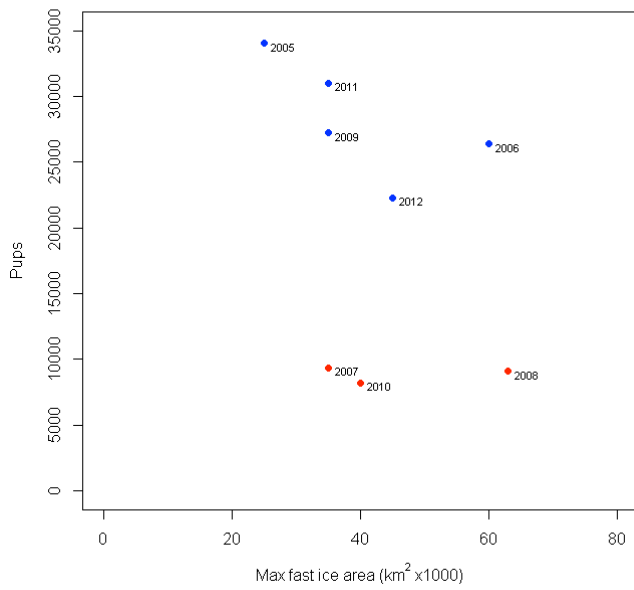
c)



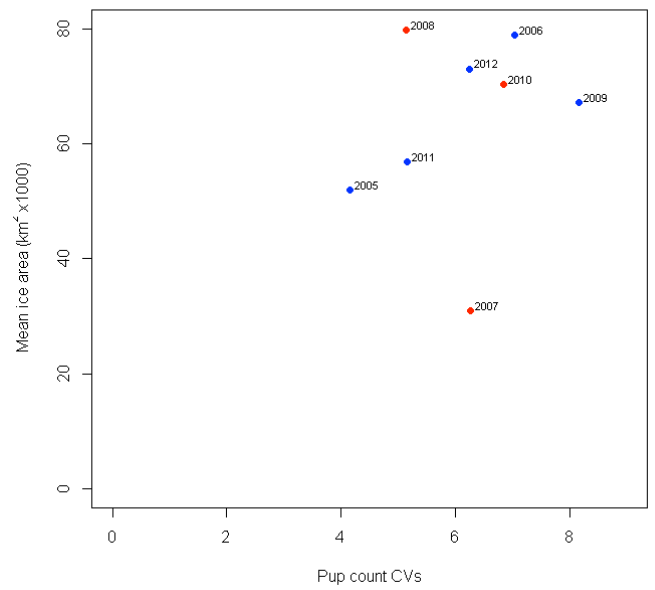
d)



e)



f)



g)

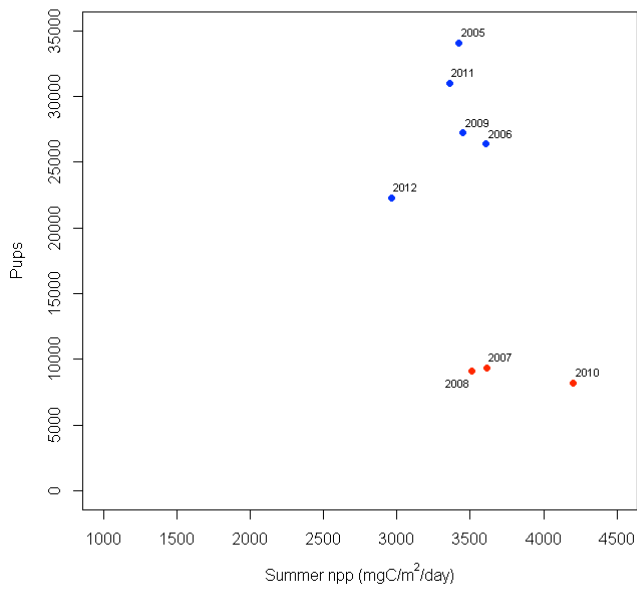


Table S1. Multiple regression coefficients for model: Pup production~Summer npp+Mean ice area (excluding 2007,2008, 2010).

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	21198.476	8071.775	2.626	0.1195
NPP.summer	8.807	2.181	4.039	0.0562 .
Mean.ice.area	-344.737	47.409	-7.272	0.0184 *

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 1053 on 2 degrees of freedom

Multiple R-squared: 0.9727, Adjusted R-squared: 0.9454

F-statistic: 35.65 on 2 and 2 DF, p-value: 0.02729
