

## Breeding failure of seabirds in relation to fish depletion: is there one universal threshold of food abundance?

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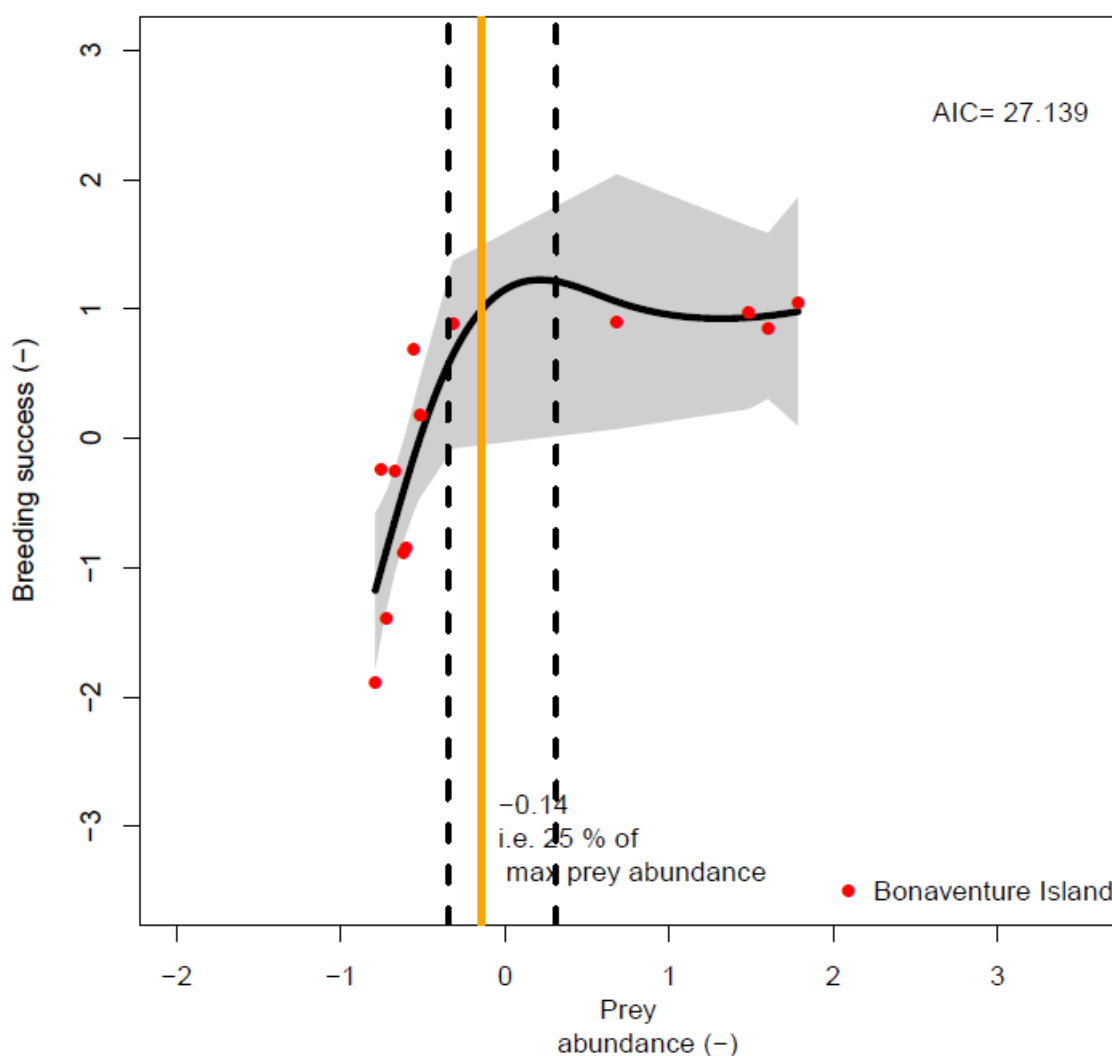


Fig. S1. Relationship between normalized annual breeding success of Northern Gannets and normalized abundance of Atlantic Mackerel. Each data point from the time series was plotted together with the predictions of a General Additive Mixed Model (GAMM) (solid line). The grey area represents the 95% confidence interval of the fitted GAMM. The threshold (-0.14 or 217 077 t) in the non-linear relationship (solid vertical line) and its confidence interval (black dashed vertical lines) were estimated according to the method used by Cury et al. (2011) (see their supplementary material). The threshold corresponds to 25% of the maximum Atlantic Mackerel abundance used for its calculation or 12% when considering the year with the largest abundance (Table 1).