Progress on re-assessment of Horse Mackerel PUCL

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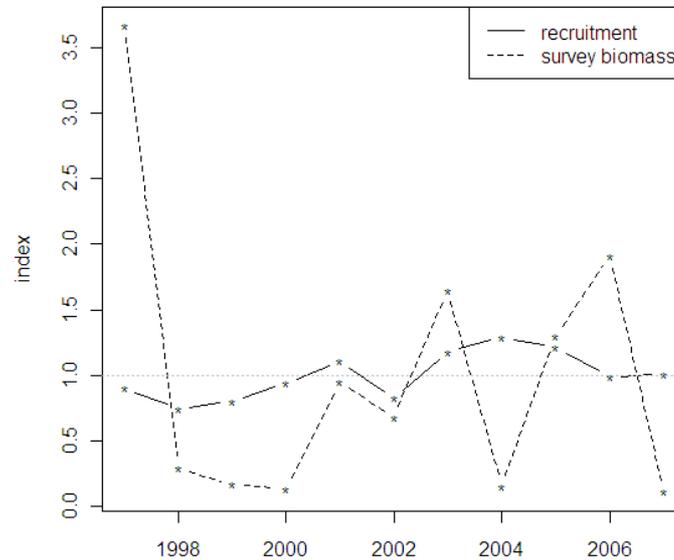
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Fig. 1: Time series of indices of biomass from the November West Coast pelagic survey and estimated recruitment from an assessment model based on demersal/mid-water fishery and survey data. Each series has been normalised by dividing by its mean.
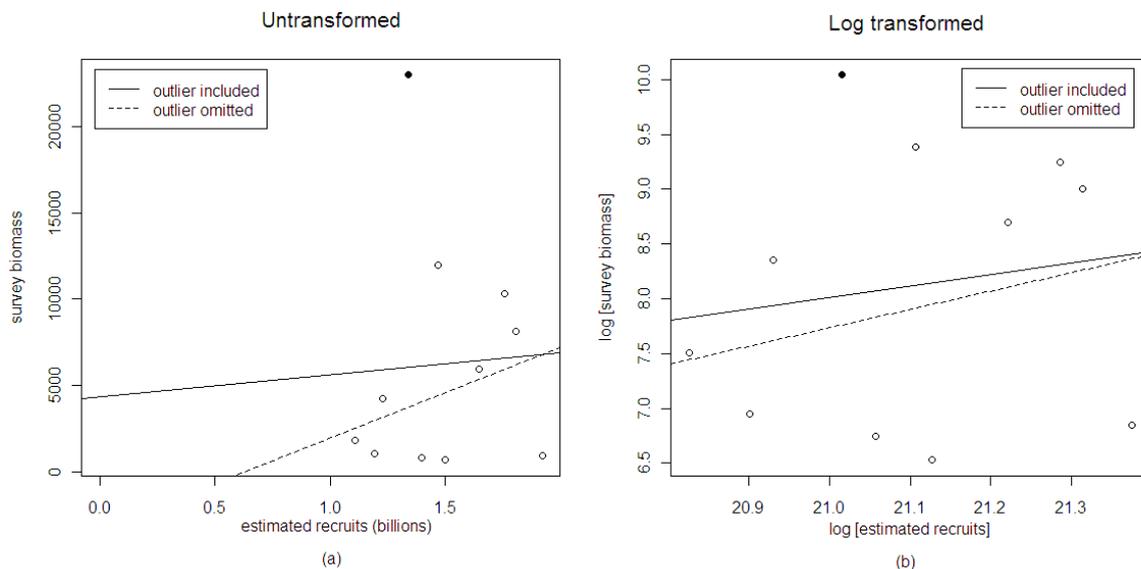

Fig. 2: Regressions between biomass index from the November West Coast pelagic survey and estimated recruitment from an assessment model based on demersal/mid-water fishery and survey data. The data point represented by the solid circle is a potential outlier. The regression between untransformed values (a) has a correlation coefficient of 0.05 if the outlier is included and a correlation coefficient of 0.34 if the outlier is omitted. The regression between log transformed values (b) has a correlation coefficient of 0.15 and slope of 1.05 if the outlier is included, and a correlation coefficient of 0.28 and a slope of 1.68 if the outlier is omitted.

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