

## Appendix 6

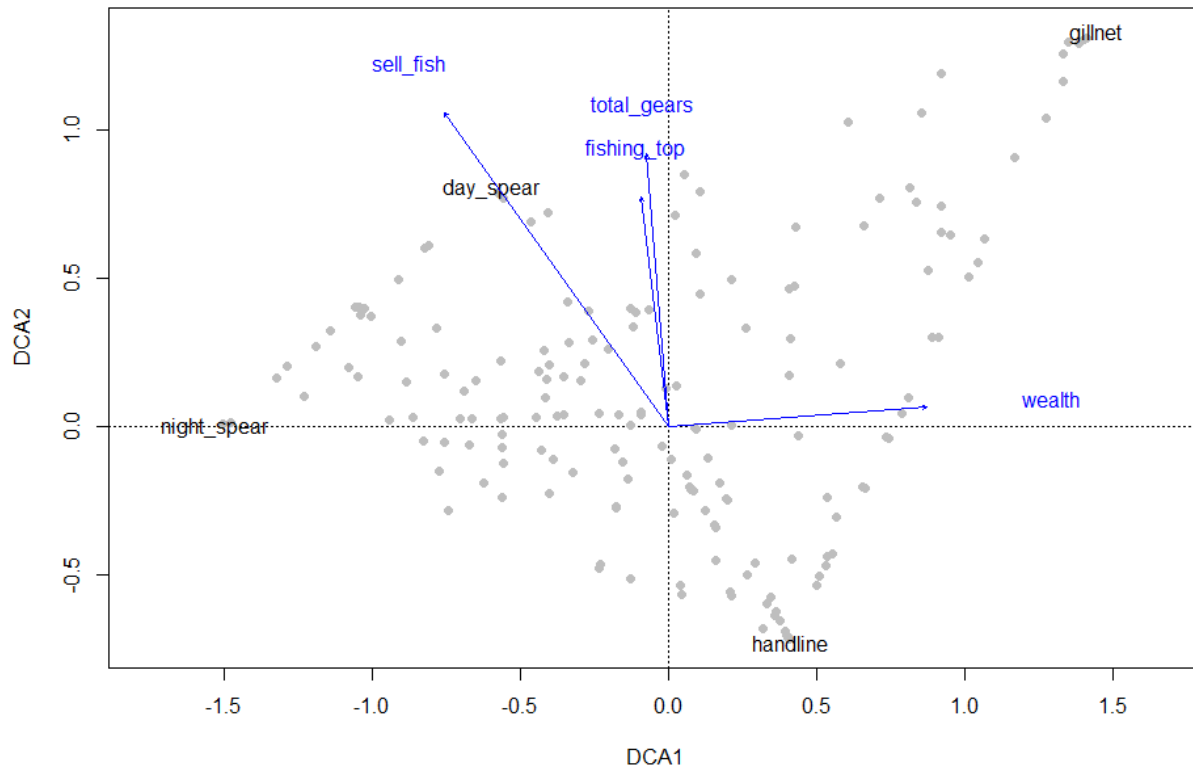


Figure A6.1. Results of detrended correspondence analysis (DCA) of household gear use assemblages. Household annual frequency of gear use (days) was plotted in multidimensional space. Axis 1: eigenvalue= 0.42, Axis 2: 0.35. Household socioeconomic data was fitted onto the ordination (only significant variables shown, where  $p < 0.05$ ), where smaller angles between arrows gear types represent stronger correlations and the length of the arrow is proportional to the correlation with the ordination axes.

The plot of the results of the detrended correspondence analysis was homogeneous, with no clear clustering of households (Axis 1: eigenvalue= 0.42, Axis 2: 0.35) (Fig. 7). The overlaid socioeconomic data on the ordination showed that households with a top income source of fish or that sell any amount of fish are correlated with higher amounts of spear use. Households with higher numbers of gears are more correlated with spear and gillnet use than with handline use. Similarly, households with the highest measures of wealth were most correlated with households with higher gillnet usage.