TABLE S3 – Summary of GLM to test the variability in vulnerability level (low, moderate, high, very high) of catch biomass (vulnerability index ~ Level, family="quasipoisson”). Test performed for all the species, for the commercial fraction and for the non-commercial fraction. The “%” corresponds to the percentage of explained variance by the model.

Fraction Indices Algarve C. Sea L-NT Sicily S.

 P(<Dev) % P(<Dev) % P(<Dev) % P(<Dev) %

All species Catchability \*\*\* 43.6 \*\*\* 54.9 \*\*\* 76 \*\*\* 74.7

 Resistance \*\*\* 49.2 \*\*\* 55 \*\*\* 52.6 \*\*\* 68.1

 Resilience \*\*\* 43.2 \*\*\* 51.3 \*\*\* 54.6 \*\*\* 58.8

 Vulnerability \*\*\* 56.1 \*\*\* 57.2 \*\*\* 73.3 \*\*\* 66.4

Commercial Catchability \*\*\* 52.3 \*\*\* 56.4 \*\*\* 67.3 \*\*\* 72.6

 Resistance ns - \*\*\* 56.6 \*\*\* 45.7 \*\*\* 65.5

 Resilience \*\*\* 20.3 \*\*\* 51.3 \*\*\* 42.2 \*\*\* 54.3

 Vulnerability \*\*\* 41.3 \*\*\* 57.1 \*\*\* 69.8 \*\*\* 62.4

Non-commercial Catchability \*\*\* 43.8 \*\*\* 16.5 \*\*\* 67.3 \*\*\* 39.5

 Resistance \*\*\* 48.1 \* 13.8 \*\*\* 51.1 \*\*\* 42

 Resilience \*\*\* 48.9 \* 34.7 \*\*\* 58.5 \*\*\* 43.4

 Vulnerability \*\*\* 54.5 \*\*\* 35.4 \*\*\* 64.6 \*\*\* 70.2

ns: non-significant; \* p<0.05; \*\*p<0.01; \*\*\*p<0.001