**Read me file for file “Hinrichsen et al\_Royal Society Open Science\_Egg survival \_Fig3“**

The file should be self-explanatory. It contains one worksheet:

1. “Hydrography and Egg survival”: Worksheet summarizing the hydrographic conditions and resulting egg survival for the period 1951-2010: Columns show (A) Pressure (depth), (B) Temperature (°C), (C) Salinity, (D) Oxygen content (ml/l), (E) Density, (F) Year, (G) Month, (H) Spawner Age-class, (I) Calculated egg mortality (%), (J) calculated egg survival (%).

We used data for age-class 3 of each year; we always used data from May (month 5); Hydrographic data are taken from ICES (International Council for the Exploration of the Sea) hydrographic data base; egg survival calculation as specified in the paper (see Methods and Annex for details).

Plot:

Column E, labeled „survival“, has been used to create frequency plot, using only age-class 3 as input.