Samoilys, M.A., Halford, A. and Osuka, K. (2019) Disentangling drivers of the abundance of coral reef fishes in the Western Indian Ocean. Ecology & Evolution.

**Data repository**

The data that were analysed for this paper are archived in 3 worksheets in an Excel file described as follows.

*Fish data – density & abundance*

This file contains the mean density and mean biomass (+/-SD) for each of the 156 species counted in 50x5m transects at each of the 53 sites in the first two worksheets. The 3rd worksheet gives the full species names for the codes used in the previous worksheets.

*Bio\_phys\_anthrop variables*

This worksheet contains values for the explanatory variables: environmental, benthic, reef geomorphology and anthropogenic influences of fishing pressure and protection; for each of 45 sites that were analysed with the fish species density and biomass data.