

**Figure S2** **Temporal distribution of the number of temperature profiles.** Number of temperature profiles in the Mediterranean Sea for year and for the months July-November. Temperature profiles were collected using reversing thermometers attached to bottles, Conductivity-Temperature-Depth (CTD) measuring instruments, Mechanical Bathy-Thermographs (MBT) and eXpendable Bathy-Thermographs (XBT). Colors denote different instruments used for temperature data collection.