

Candidate statistics as indicators of Argo data quality

(Could be sliced in many ways, global, by basin, DAC, platform, year.....)

- 1) Percentage of RT or DM observations with QC = 1,2,3
- 2) Percentage of observations with PSAL adjustment in ranges.
(eg -0.05,-0.01,0.00,0.01,0.05)
- 3) Percentage of observations with sizes of PSAL_ADJ_ERROR
- 4) Percentage of observations with sizes of PRES adjustment and _ERROR
- 5) Percentage of profiles reaching various pressures (0, 500, 1000, 1900)
- 6) Indicator of vertical resolution, eg histogram of frequency with which a profile has a certain number of observations in a depth range.
(Number in upper 100; number in 100-500; number in 500-1000; number in 1000-2000.)
- 7) Indicator of longevity of float stability: histogram/cumulative distribution of how many cycles a float completes before the first non-zero adjustment.



