Mean = 525.7±3.2  [0.61%]  95% conf.
Wtd by data-pt errs only, 1 of 12 rej.
MSWD = 1.5, probability = 0.14

Mean = 546.3±4.9  [0.90%]  95% conf.
Wtd by data-pt errs only, 0 of 6 rej.
MSWD = 1.3, probability = 0.25

box heights are 2σ