Legend:
$\sigma = 0.00489950 \pm 0.00041067$
$\sigma = 0.00581650 \pm 0.00052947$
$\Delta\sigma = (9.170 \pm 6.701) \times 10^{-4}$

x-axis: real nosyst gal σ_α
y-axis: redshift nosyst gal σ_α