$\Delta\sigma = (1.037 \pm 0.678) \times 10^{-3}$  $\sigma$  = 0.00489950 ± 0.00041067  $\sigma$  = 0.00593600 ± 0.00053999 0.0080 0.0070 0.0065 0.0055

redshift smooth\_parabola\_0.8 gal\_nowt  $\sigma_{\!\scriptscriptstyle lpha}$ 

0.0075

0.0060

0.0050

0.0040

0.0045

0.0050

real nosyst gal  $\sigma_{\alpha}$ 

0.0055

0.0060

0.0065