$\chi^2 = 11.2895 \pm 4.8304$ (red dotted)
$\chi^2 = 11.6249 \pm 4.9219$ (blue dotted)
$\Delta\chi^2 = (0.335 \pm 6.896) \times 10^0$

real radialgauss gal_nowt χ^2

redshift nosyst gal χ^2