Marker Gene Distribution after Transformation log(x+1) $\log(x+1/(4\alpha))$ $a\cosh(2\alpha x + 1)$ Rand. Quant. Resid. Sanity Raw Counts Pearson Resid. Sftpc -7.5 400 800 2.5 5.0 7.5 -10 -5.0-2.5 0.0 0 1200 0.0 10 10 Scgb1a1 2000 3000 20 -2.51000 0.0 2.5 5.0 20 40 10 -5.0 Ear2 15 20 10 0.0 2.5 2.0 2.5 3.0 0.0 0.5 1.5 10 -15 -10 Delta method VST Residual VST Raw Counts