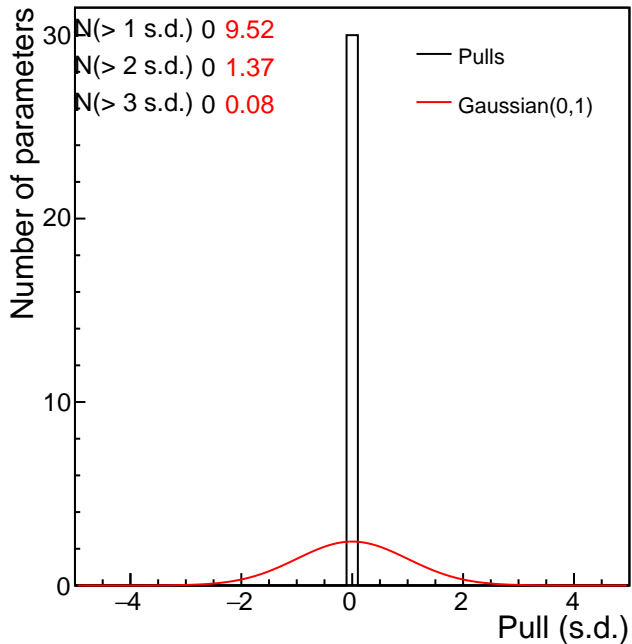


CMS *Private Work* $\hat{\tau} = 1.00^{+0.16}_{-0.14}$



Largest pulls

$$(\hat{\theta} - \theta_1) / \sqrt{\sigma_1^2 - \sigma^2}$$

● btag_lf	+0.00
● ctag_jer	+0.00
● btag_hf	+0.00
● XSecTT	+0.00
● ctag_Interp	+0.00
● JESRelativeSample2018	+0.00
● JESFlavorQCD	+0.00
● JER	+0.00
▼ JESAbsolute	+0.00
▼ ctag_LHEScaleWeight_muF	+0.00

Strongest constraints

 σ/σ_1

Largest impacts

$$\Delta r(\pm\sigma_\theta)/\sigma_r$$

● ctag_jer	0.42
EleAcceptance	0.46
● XSecTT	0.49
● btag_hf	0.57
● btag_lf	0.80
● ctag_Interp	0.85
▼ ctag_LHEScaleWeight_muF	0.86
▼ JESAbsolute	0.86
● JESRelativeSample2018	0.87
MuAcceptance	0.88

Model	Mean	Min	Max
● btag_lf	-0.43	-0.43	+0.43
● ctag_jer	+0.39	-0.41	-0.41
● btag_hf	-0.37	-0.37	+0.36
● XSecTT	-0.28	-0.28	+0.26
● ctag_Interp	+0.23	-0.27	-0.27
● JESRelativeSample2018	-0.26	-0.26	+0.24
● JESFlavorQCD	+0.21	-0.23	-0.23
● JER	+0.19	-0.21	-0.21
▼ JESAbsolute	+0.17	-0.20	-0.20
▼ ctag_LHEScaleWeight_muF	-0.17	-0.17	+0.19