



### Largest pulls

$$(\hat{\theta} - \theta_i) / \sqrt{\sigma_i^2 - \sigma^2}$$

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

### Strongest constraints

$$\sigma / \sigma_i$$

● ctag_jer	0.49
● XSecTT	0.55
● btag_hf	0.59
● btag_lf	0.81
● JESAbsolute	0.93
● JESRelativeSample2018	0.93
ctag_LHEScaleWeight_muF	0.95
lumi	0.95
● JESFlavorQCD	0.96
ctag_PUWeight	0.96

### Largest impacts

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

● btag_lf	-0.38 +0.38
● XSecTT	-0.34 +0.31
● btag_hf	-0.32 +0.31
● JESAbsolute	+0.25 -0.28
● JESRelativeSample2018	-0.25 +0.23
● ctag_jer	+0.22 -0.24
● JESFlavorQCD	+0.19 -0.22
● ctag_Interp	+0.18 -0.19
▼ JER	+0.16 -0.17
▼ JESRelativeBal	-0.12 +0.13