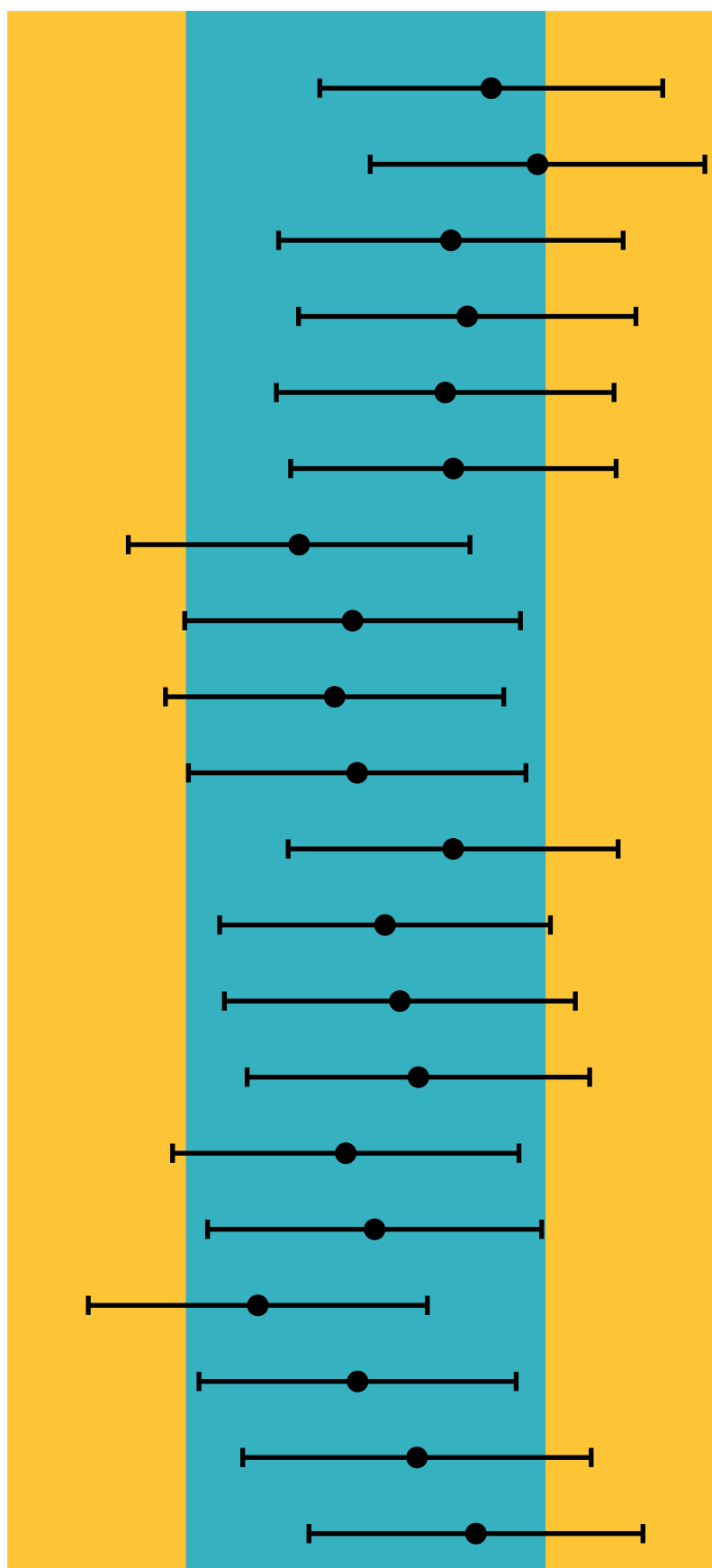


alpha_CR12_shape_E_ggf_16_dEta_1_Xhh_1
 alpha_CR12_shape_E_ggf_16_dEta_1_Xhh_2
 alpha_CR12_shape_E_ggf_16_dEta_2_Xhh_1
 alpha_CR12_shape_E_ggf_16_dEta_2_Xhh_2
 alpha_CR12_shape_E_ggf_16_dEta_3_Xhh_1
 alpha_CR12_shape_E_ggf_16_dEta_3_Xhh_2
 alpha_CR12_shape_E_ggf_17_dEta_1_Xhh_1
 alpha_CR12_shape_E_ggf_17_dEta_1_Xhh_2
 alpha_CR12_shape_E_ggf_17_dEta_2_Xhh_1
 alpha_CR12_shape_E_ggf_17_dEta_2_Xhh_2
 alpha_CR12_shape_E_ggf_17_dEta_3_Xhh_1
 alpha_CR12_shape_E_ggf_17_dEta_3_Xhh_2
 alpha_CR12_shape_E_ggf_18_dEta_1_Xhh_1
 alpha_CR12_shape_E_ggf_18_dEta_1_Xhh_2
 alpha_CR12_shape_E_ggf_18_dEta_2_Xhh_1
 alpha_CR12_shape_E_ggf_18_dEta_2_Xhh_2
 alpha_CR12_shape_E_ggf_18_dEta_3_Xhh_1
 alpha_CR12_shape_E_ggf_18_dEta_3_Xhh_2
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 alpha_CR12_shape_N_ggf_16_dEta_1_Xhh_2



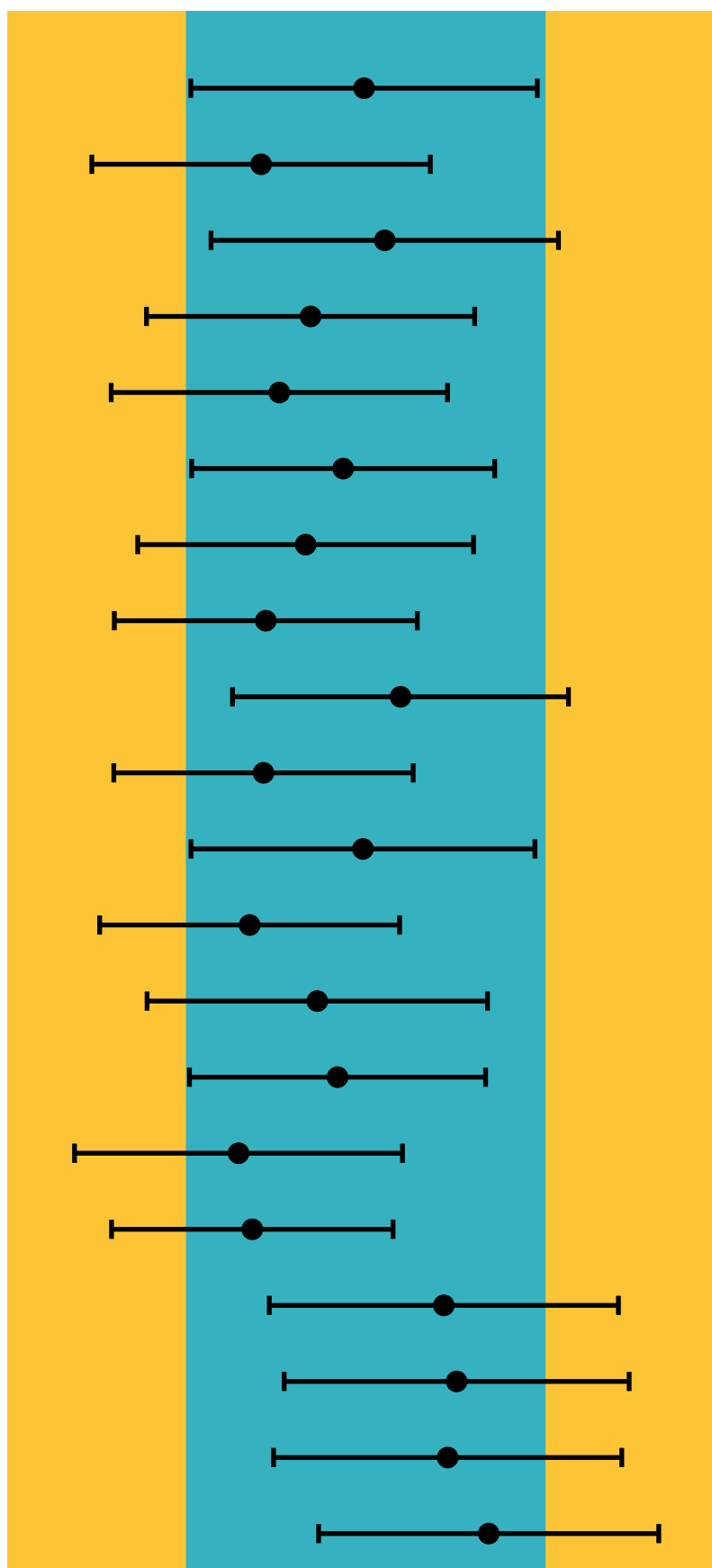
ATLAS Internal

—●— Nuis. Param. Pull

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

-3 -2 -1 0 1 2 3
 $(\hat{\theta} - \theta_0)/\Delta\theta$

alpha_CR12_shape_N_ggf_16_dEta_2_Xhh_1
 alpha_CR12_shape_N_ggf_16_dEta_2_Xhh_2
 alpha_CR12_shape_N_ggf_16_dEta_3_Xhh_1
 alpha_CR12_shape_N_ggf_16_dEta_3_Xhh_2
 alpha_CR12_shape_N_ggf_17_dEta_1_Xhh_1
 alpha_CR12_shape_N_ggf_17_dEta_1_Xhh_2
 alpha_CR12_shape_N_ggf_17_dEta_2_Xhh_1
 alpha_CR12_shape_N_ggf_17_dEta_2_Xhh_2
 alpha_CR12_shape_N_ggf_17_dEta_3_Xhh_1
 alpha_CR12_shape_N_ggf_17_dEta_3_Xhh_2
 alpha_CR12_shape_N_ggf_18_dEta_1_Xhh_1
 alpha_CR12_shape_N_ggf_18_dEta_1_Xhh_2
 alpha_CR12_shape_N_ggf_18_dEta_2_Xhh_1
 alpha_CR12_shape_N_ggf_18_dEta_2_Xhh_2
 alpha_CR12_shape_N_ggf_18_dEta_3_Xhh_1
 alpha_CR12_shape_N_ggf_18_dEta_3_Xhh_2
 alpha_CR12_shape_S_ggf_16_dEta_1_Xhh_1
 alpha_CR12_shape_S_ggf_16_dEta_1_Xhh_2
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 alpha_CR12_shape_S_ggf_16_dEta_2_Xhh_2



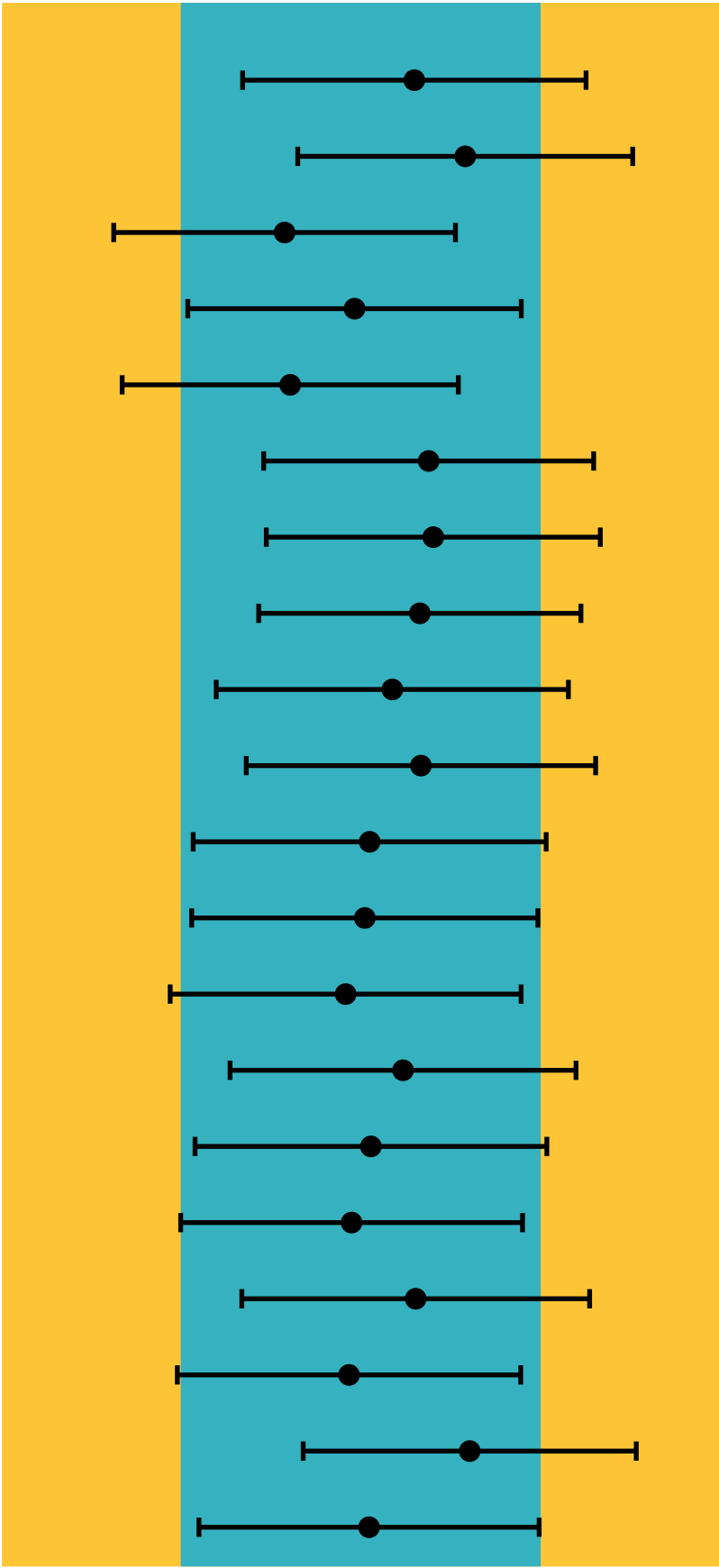
ATLAS Internal

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

—●— Nuis. Param. Pull

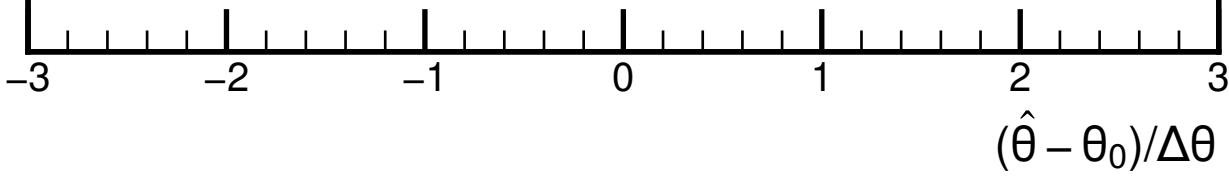
-3 -2 -1 0 1 2 3
 $(\hat{\theta} - \theta_0)/\Delta\theta$

alpha_CR12_shape_S_ggf_16_dEta_3_Xhh_1
alpha_CR12_shape_S_ggf_16_dEta_3_Xhh_2
alpha_CR12_shape_S_ggf_17_dEta_1_Xhh_1
alpha_CR12_shape_S_ggf_17_dEta_1_Xhh_2
alpha_CR12_shape_S_ggf_17_dEta_2_Xhh_1
alpha_CR12_shape_S_ggf_17_dEta_2_Xhh_2
alpha_CR12_shape_S_ggf_17_dEta_3_Xhh_1
alpha_CR12_shape_S_ggf_17_dEta_3_Xhh_2
alpha_CR12_shape_S_ggf_18_dEta_1_Xhh_1
alpha_CR12_shape_S_ggf_18_dEta_1_Xhh_2
alpha_CR12_shape_S_ggf_18_dEta_2_Xhh_1
alpha_CR12_shape_S_ggf_18_dEta_2_Xhh_2
alpha_CR12_shape_S_ggf_18_dEta_3_Xhh_1
alpha_CR12_shape_S_ggf_18_dEta_3_Xhh_2
alpha_CR12_shape_W_ggf_16_dEta_1_Xhh_1
alpha_CR12_shape_W_ggf_16_dEta_1_Xhh_2
alpha_CR12_shape_W_ggf_16_dEta_2_Xhh_1
alpha_CR12_shape_W_ggf_16_dEta_2_Xhh_2
alpha_CR12_shape_W_ggf_16_dEta_3_Xhh_1
alpha_CR12_shape_W_ggf_16_dEta_3_Xhh_2



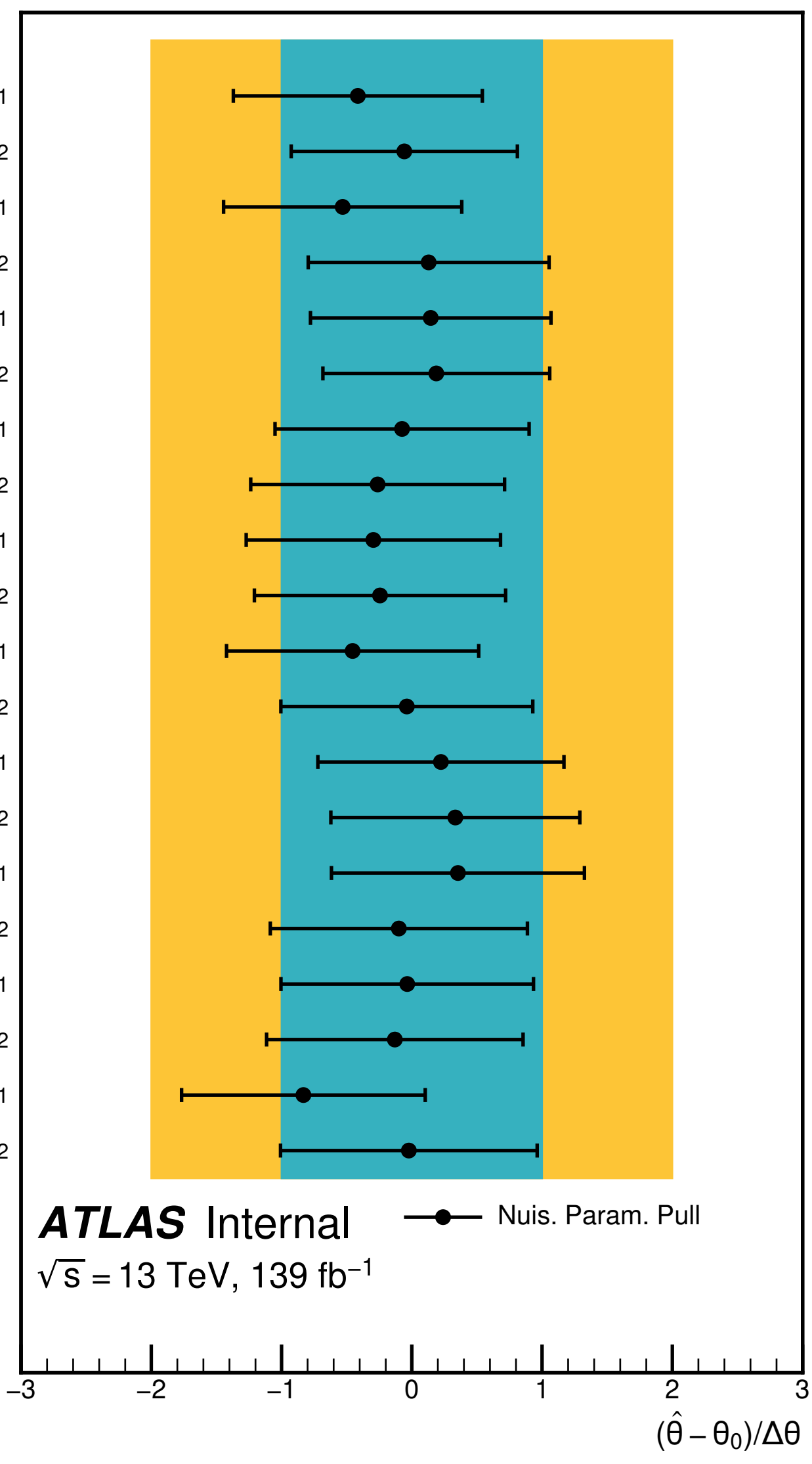
ATLAS Internal —●— Nuis. Param. Pull

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$



alpha_CR12_shape_W_ggf_17_dEta_1_Xhh_1
alpha_CR12_shape_W_ggf_17_dEta_1_Xhh_2
alpha_CR12_shape_W_ggf_17_dEta_2_Xhh_1
alpha_CR12_shape_W_ggf_17_dEta_2_Xhh_2
alpha_CR12_shape_W_ggf_17_dEta_3_Xhh_1
alpha_CR12_shape_W_ggf_17_dEta_3_Xhh_2
alpha_CR12_shape_W_ggf_18_dEta_1_Xhh_1
alpha_CR12_shape_W_ggf_18_dEta_1_Xhh_2
alpha_CR12_shape_W_ggf_18_dEta_2_Xhh_1
alpha_CR12_shape_W_ggf_18_dEta_2_Xhh_2
alpha_CR12_shape_W_ggf_18_dEta_3_Xhh_1
alpha_CR12_shape_W_ggf_18_dEta_3_Xhh_2

alpha_NC_3b1f_ggf_16_dEta_1_Xhh_1
alpha_NC_3b1f_ggf_16_dEta_1_Xhh_2
alpha_NC_3b1f_ggf_16_dEta_2_Xhh_1
alpha_NC_3b1f_ggf_16_dEta_2_Xhh_2
alpha_NC_3b1f_ggf_16_dEta_3_Xhh_1
alpha_NC_3b1f_ggf_16_dEta_3_Xhh_2
alpha_NC_3b1f_ggf_17_dEta_1_Xhh_1
alpha_NC_3b1f_ggf_17_dEta_1_Xhh_2



alpha_NC_3b1f_ggf_17_dEta_2_Xhh_1

alpha_NC_3b1f_ggf_17_dEta_2_Xhh_2

alpha_NC_3b1f_ggf_17_dEta_3_Xhh_1

alpha_NC_3b1f_ggf_17_dEta_3_Xhh_2

alpha_NC_3b1f_ggf_18_dEta_1_Xhh_1

alpha_NC_3b1f_ggf_18_dEta_1_Xhh_2

alpha_NC_3b1f_ggf_18_dEta_2_Xhh_1

alpha_NC_3b1f_ggf_18_dEta_2_Xhh_2

alpha_NC_3b1f_ggf_18_dEta_3_Xhh_1

alpha_NC_3b1f_ggf_18_dEta_3_Xhh_2

ATLAS Internal —●— Nuis. Param. Pull

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

—3 —2 —1 0 1 2 3

$(\hat{\theta} - \theta_0)/\Delta\theta$