



CMS Internal 31 elHLTBARPTHIGH18 32 elHLTBARPTLOW18 33 RENORM1718 gam\_xsec 34 35 lumi17 36 elfakesrw2b17 37 alphaS16 38 **lumiBC** 39 lumiLS elHLTBARPTHIGH16 40 41 nlo\_sys 42 elfakesrw3b17 43 **lumiGS** 44 pdf58 45 elHLTBARPTLOW16 pdf13 46 47 pdf19 48 pdf35 49 pdf30 50 elHLTBARPTHIGH17 51 elHLTENDPTLOW18 **52** pdf1 53 pdf8 54 elfakesrw3b18 55 pdf31 56 eIHLTENDPTHIGH16 57 pdf11 58 **lumiDB** 59 elfakesrw2b16 60 ellDENDPTLOW 0.1 2 -0.10 -2 -10  $(\hat{\theta} - \theta_0)/\Delta\theta$ → Pull +1σ Impact -1σ Impact





