CMS Internal ellDBARPTHIGH 1 2 FAC1718 3 dy_xsec 4 elScaleGain18 5 ellDENDPTHIGH 6 elFakes18 7 lumi18 8 lumiXY 9 lumi16 10 REFAC1718 11 elfakesrw1b17 12 elScaleSyst 13 db xsec 14 elHLTBARPTHIGH16 15 elScaleGain17 16 eIRECOENDPTHIGH 17 alphaS16 18 elFakes17 19 eIHLTENDPTHIGH18 20 **lumiDB** prefire16 21 22 lumiLS 23 **lumiBC** 24 elScaleGain16 25 26 emucostrw1b16 27 **lumiGS** 28 elFakes16 29 elfakesrw1b16 elHLTBARPTHIGH17 30 2 0.5 -2 -1-0.5 $(\hat{\theta} - \theta_0)/\Delta\theta$ → Pull +1σ Impact -1σ Impact







