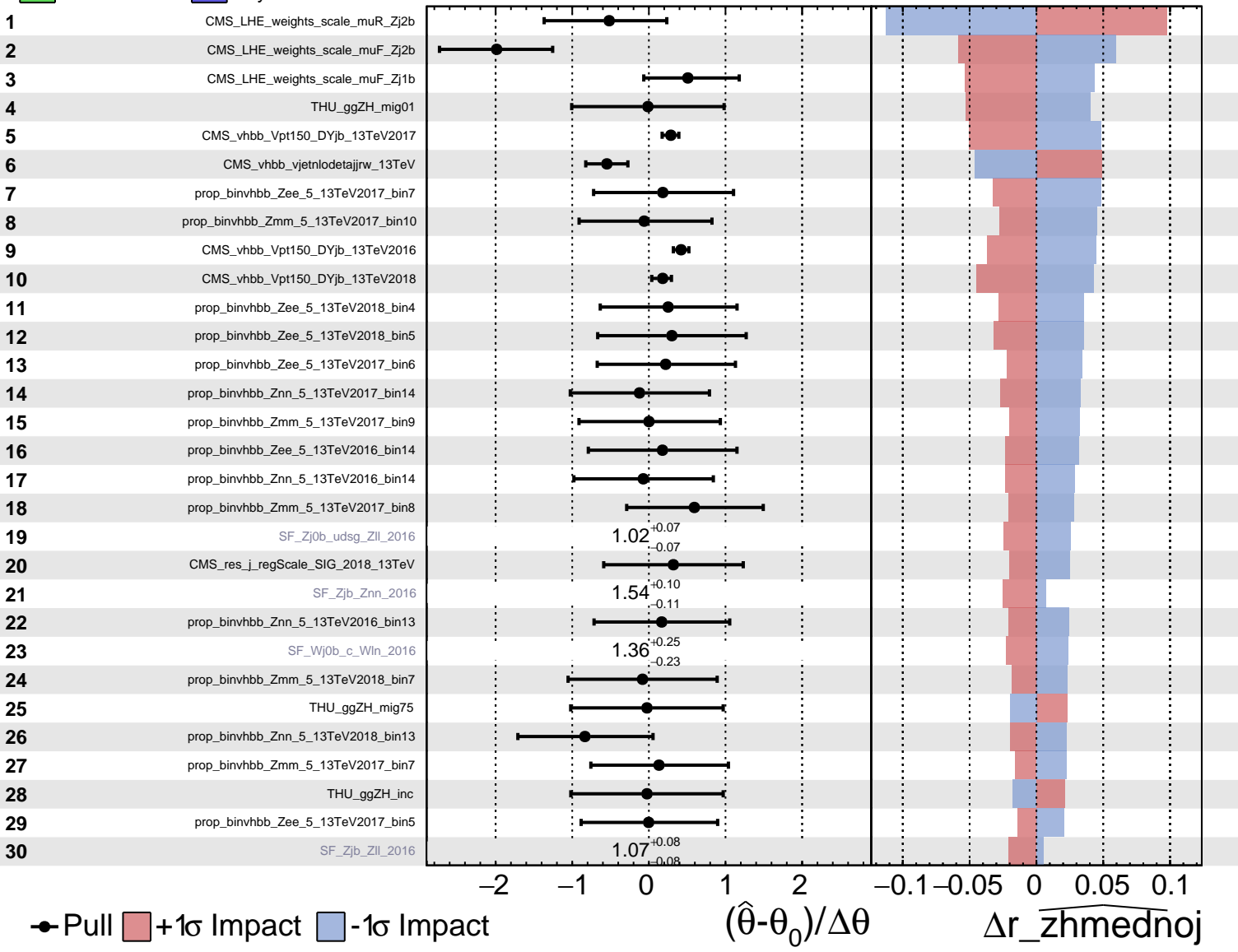


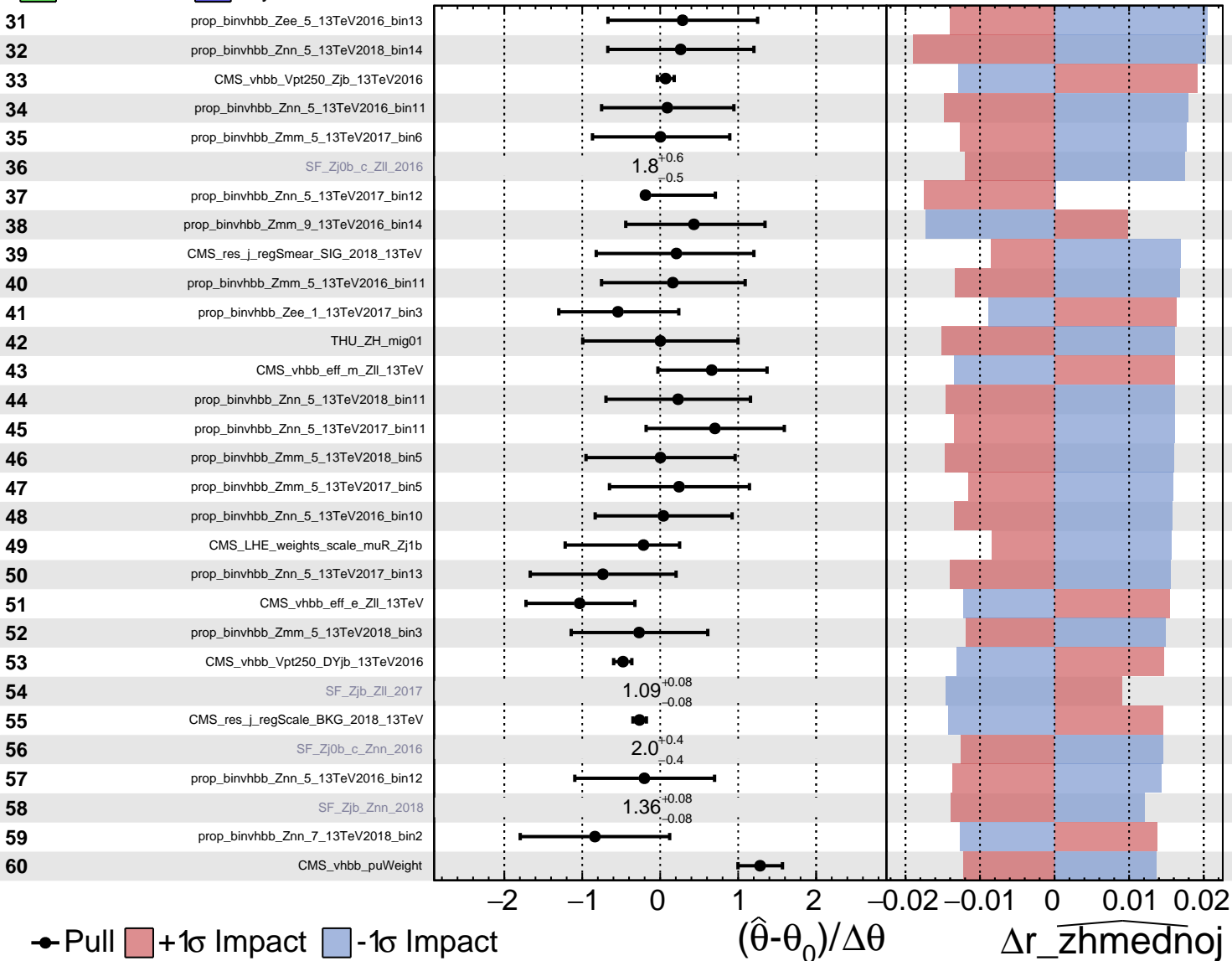
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS Internal**



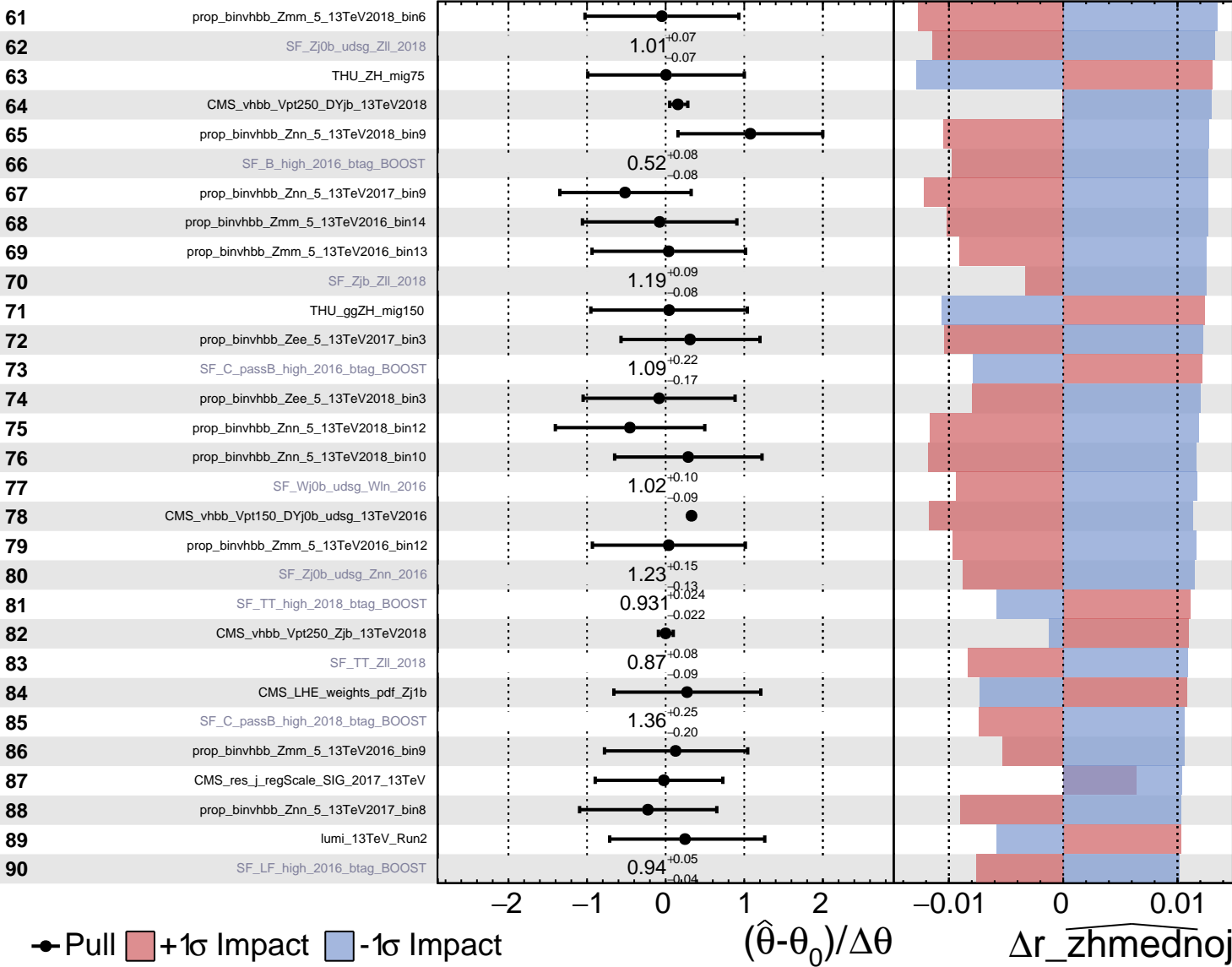
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

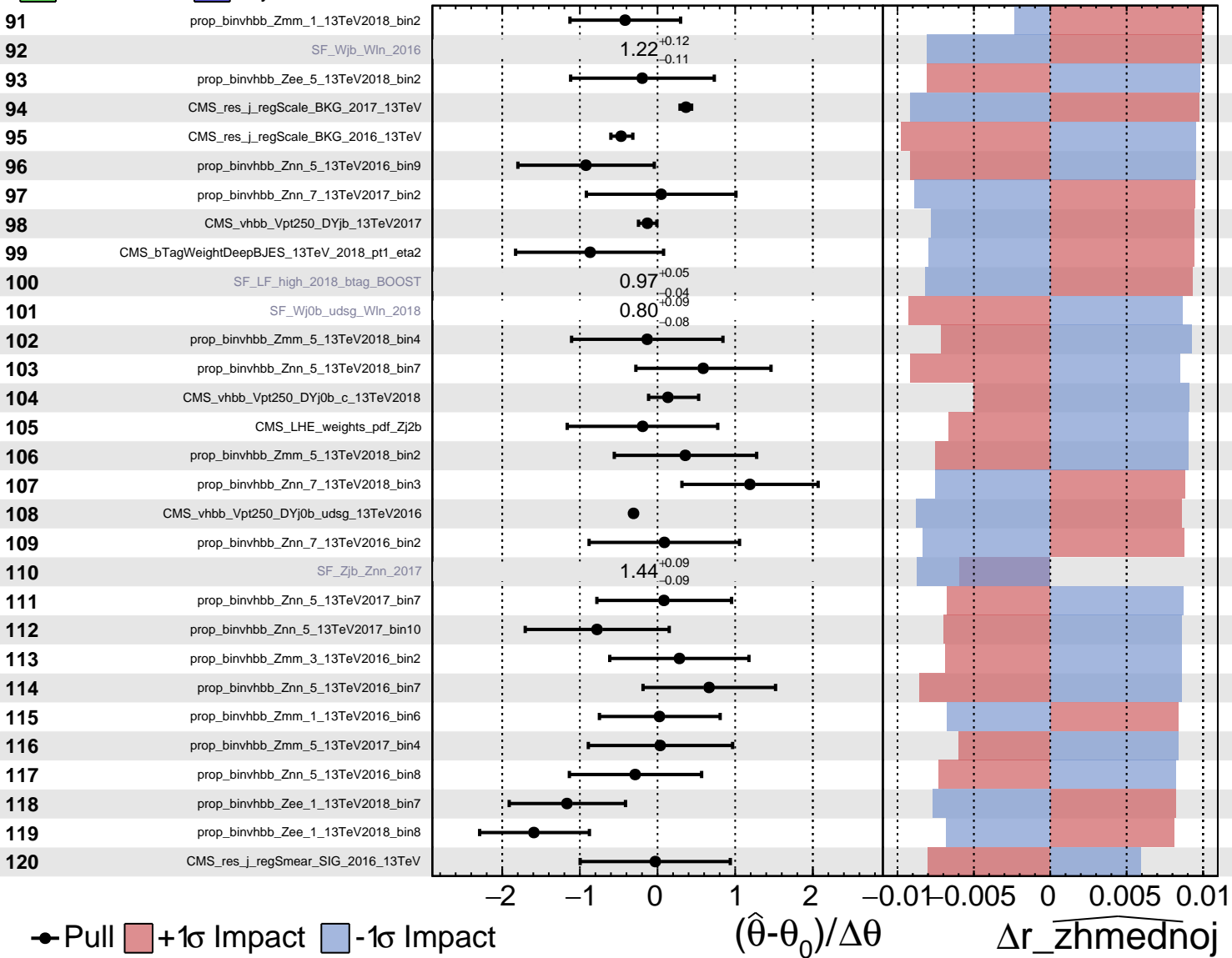
**CMS Internal**



Pull
  +1 $\sigma$  Impact
  -1 $\sigma$  Impact

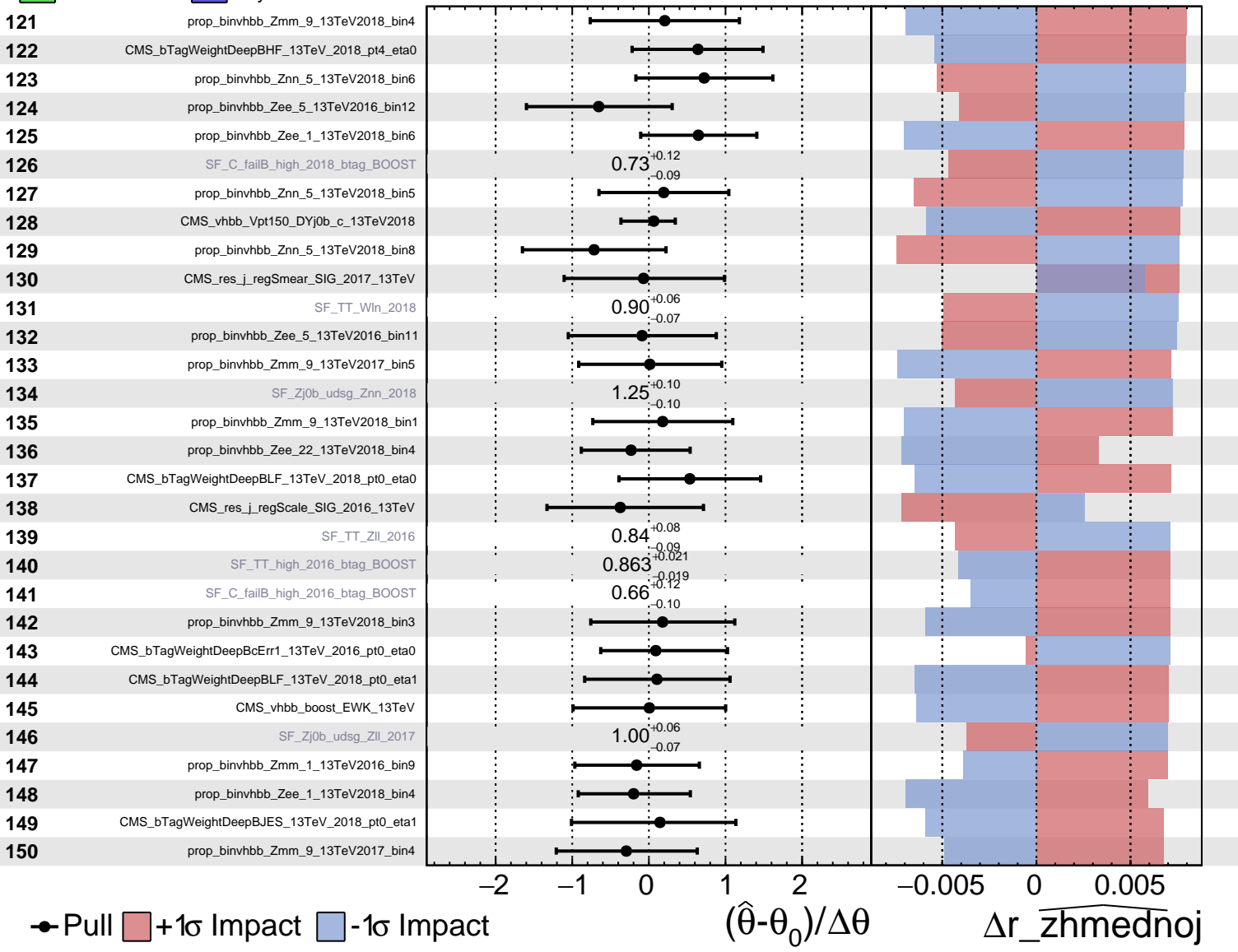
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS Internal**



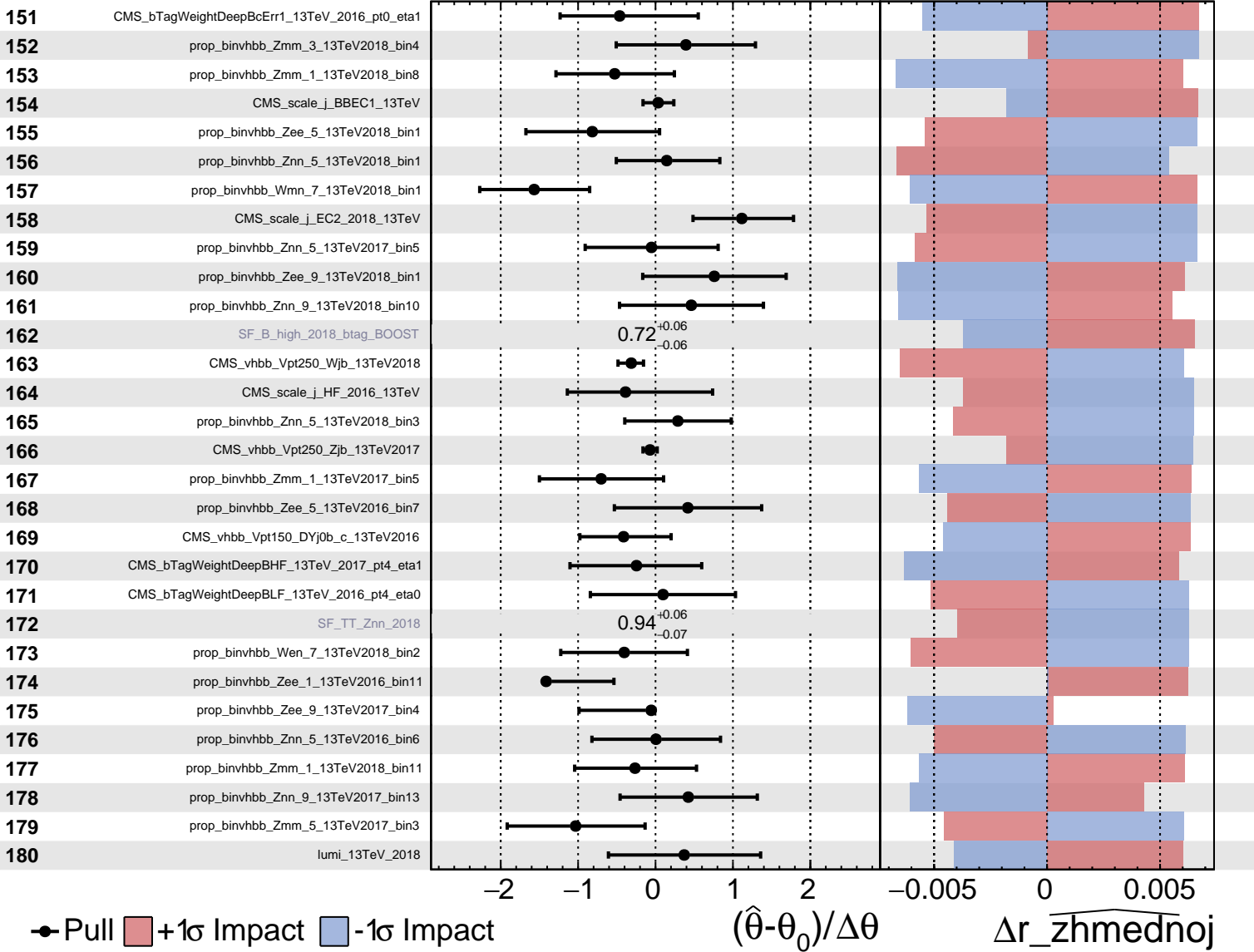
Unconstrained
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  Poisson
  AsymmetricGaussian

# CMS Internal



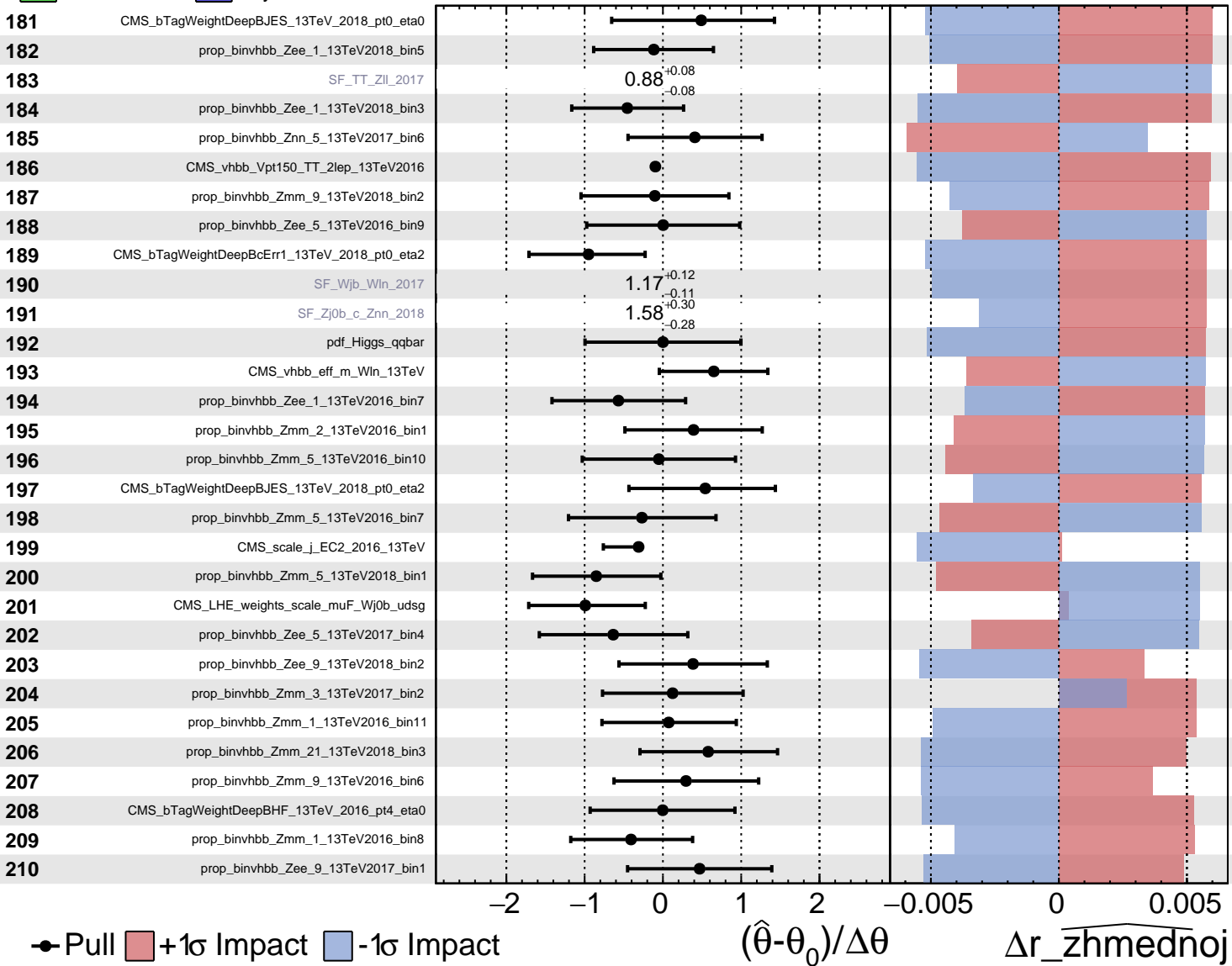
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



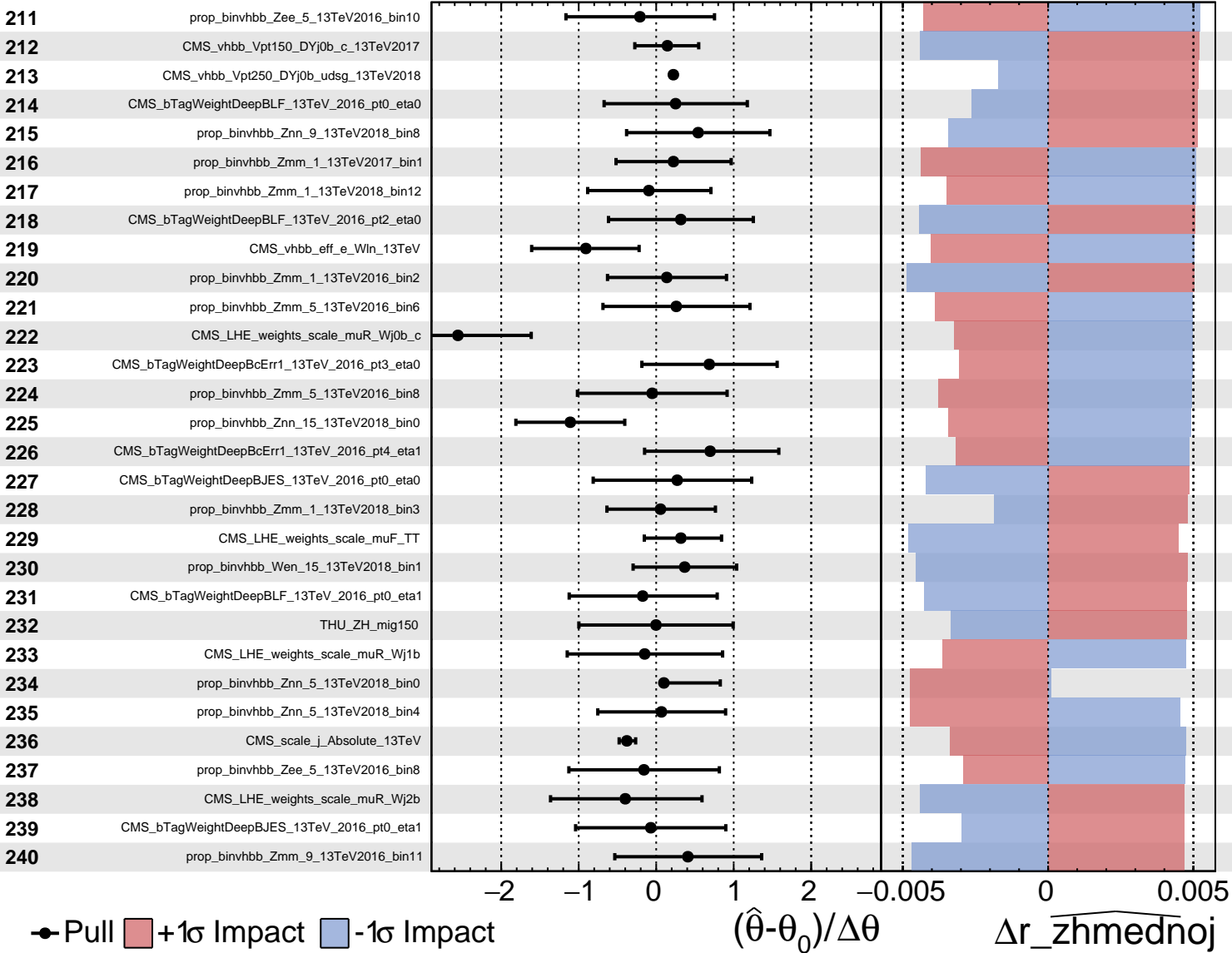
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

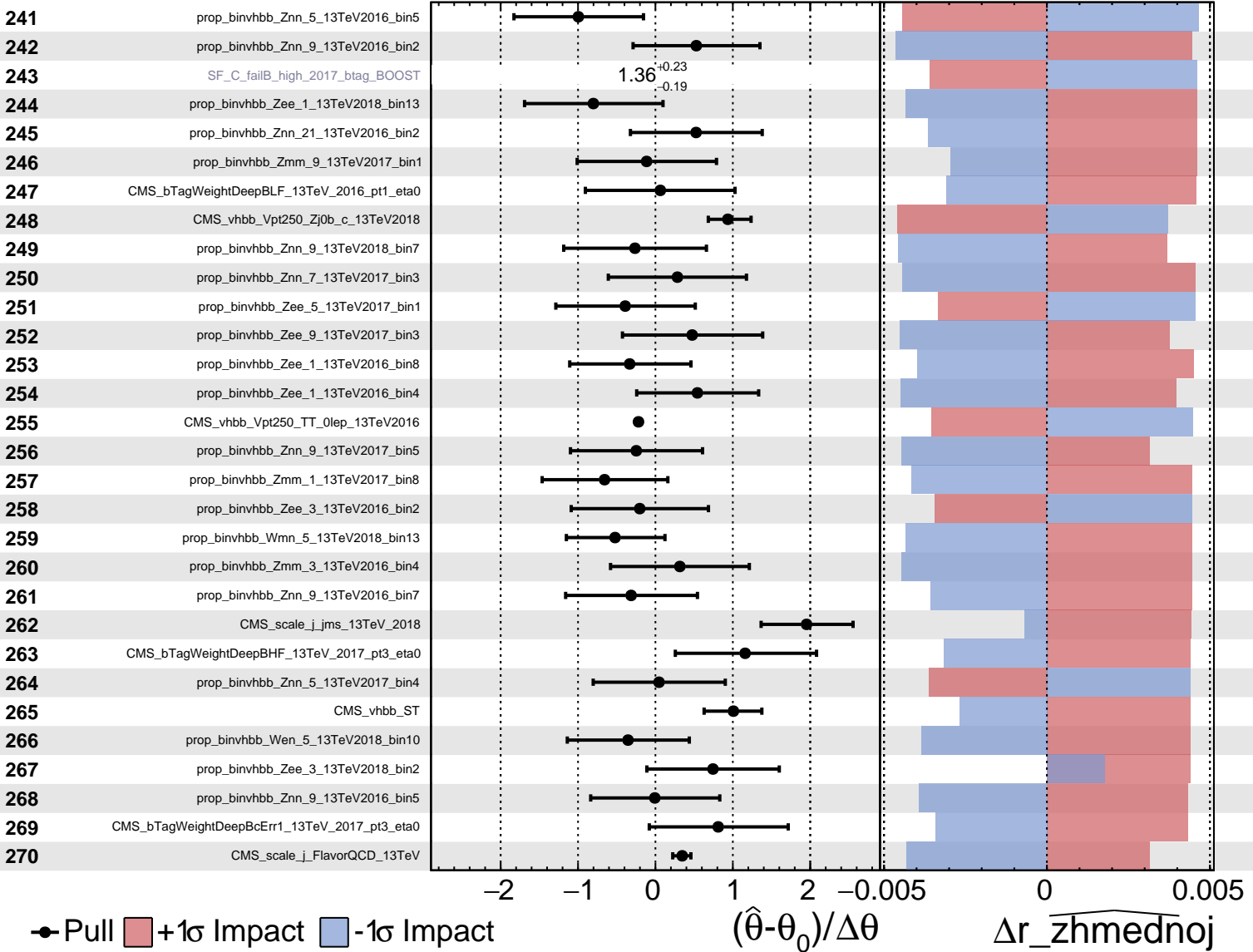
**CMS** *Internal*





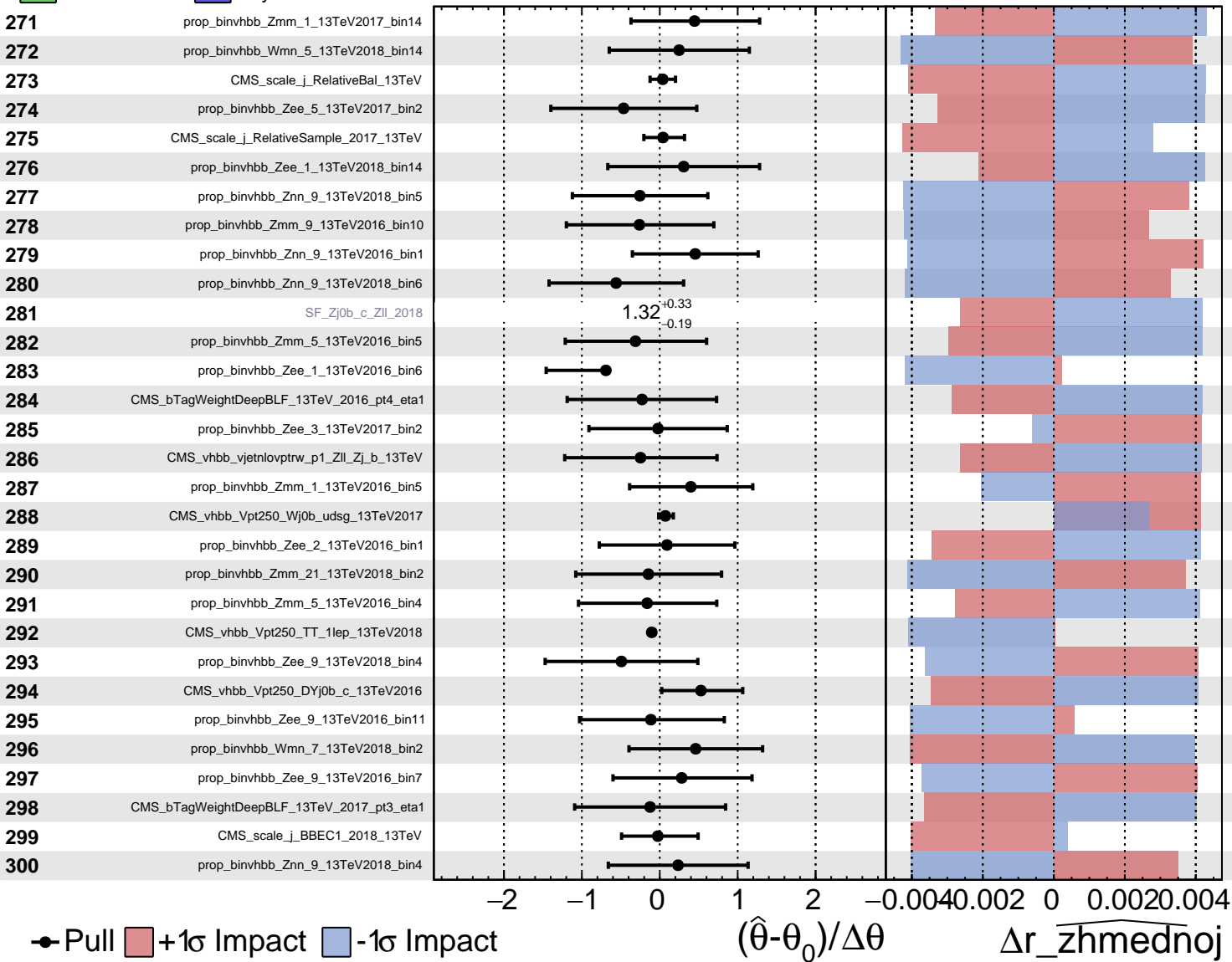
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



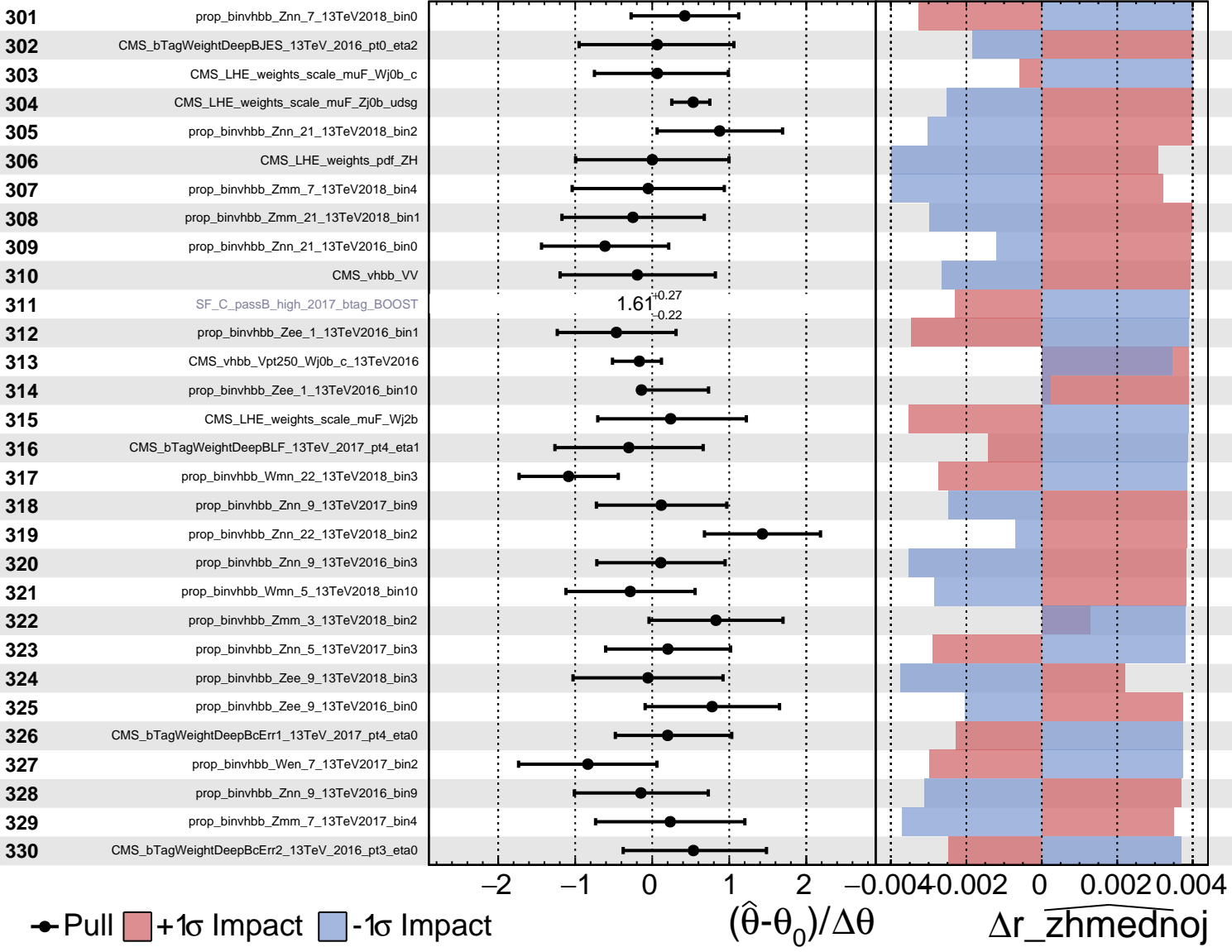
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



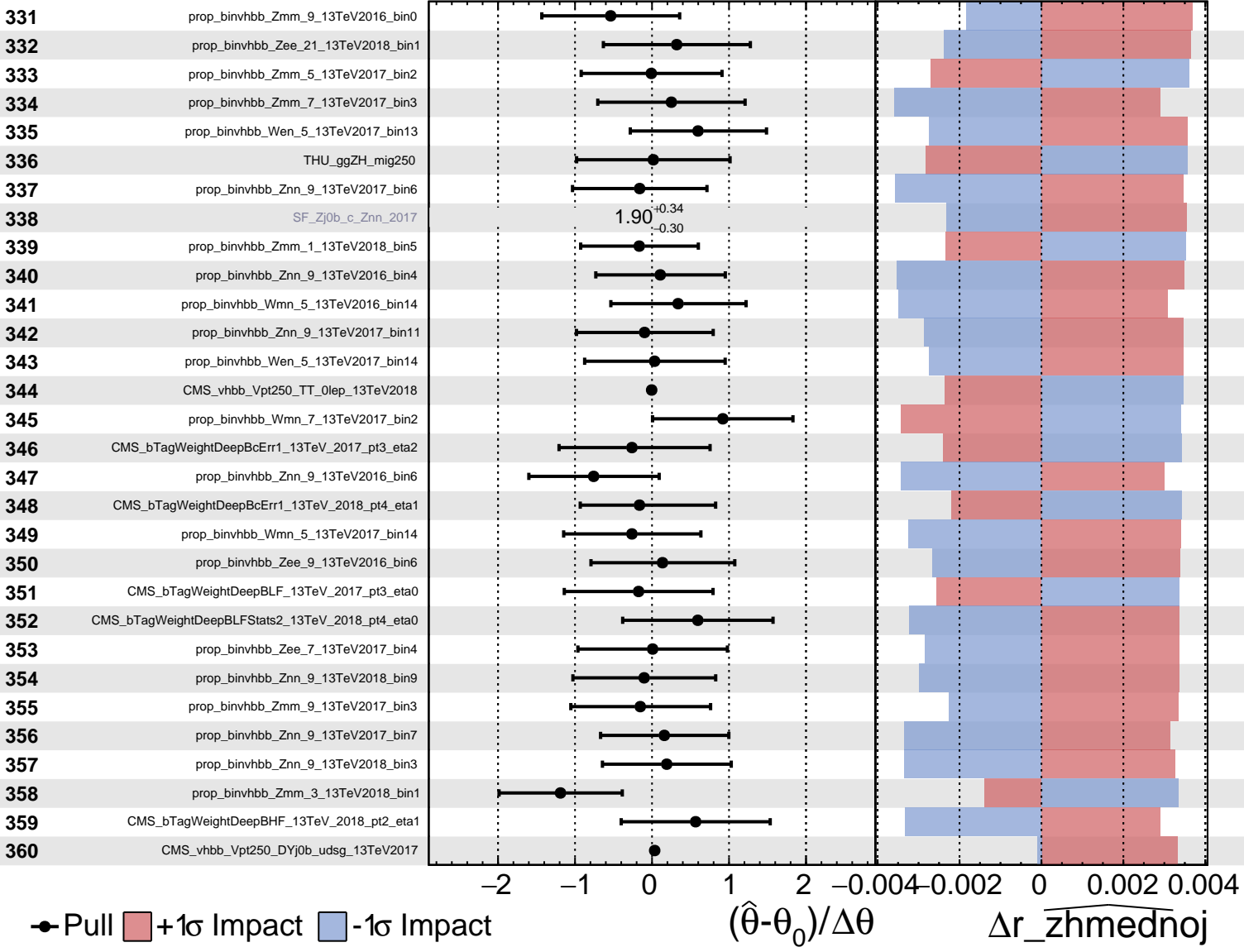
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



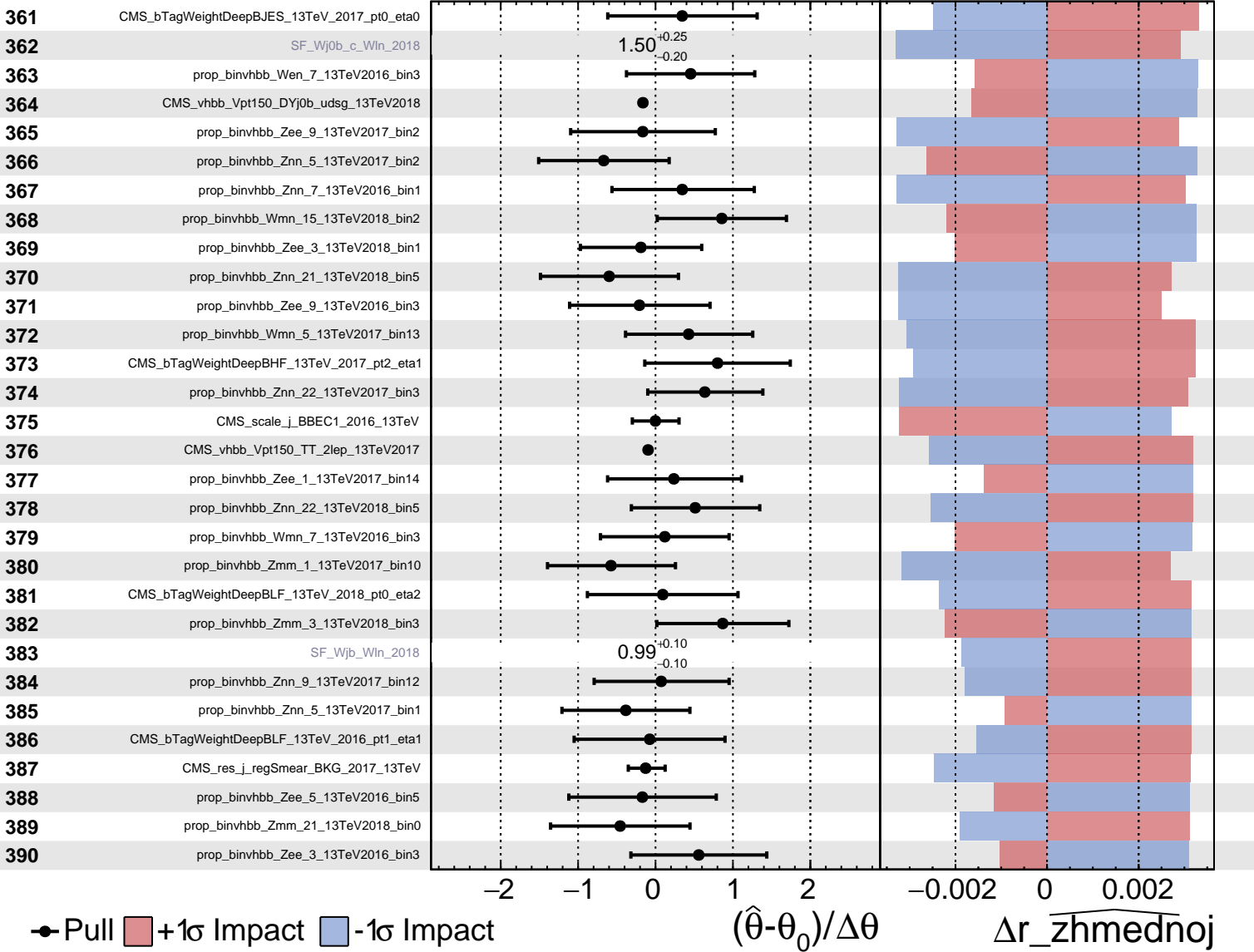
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



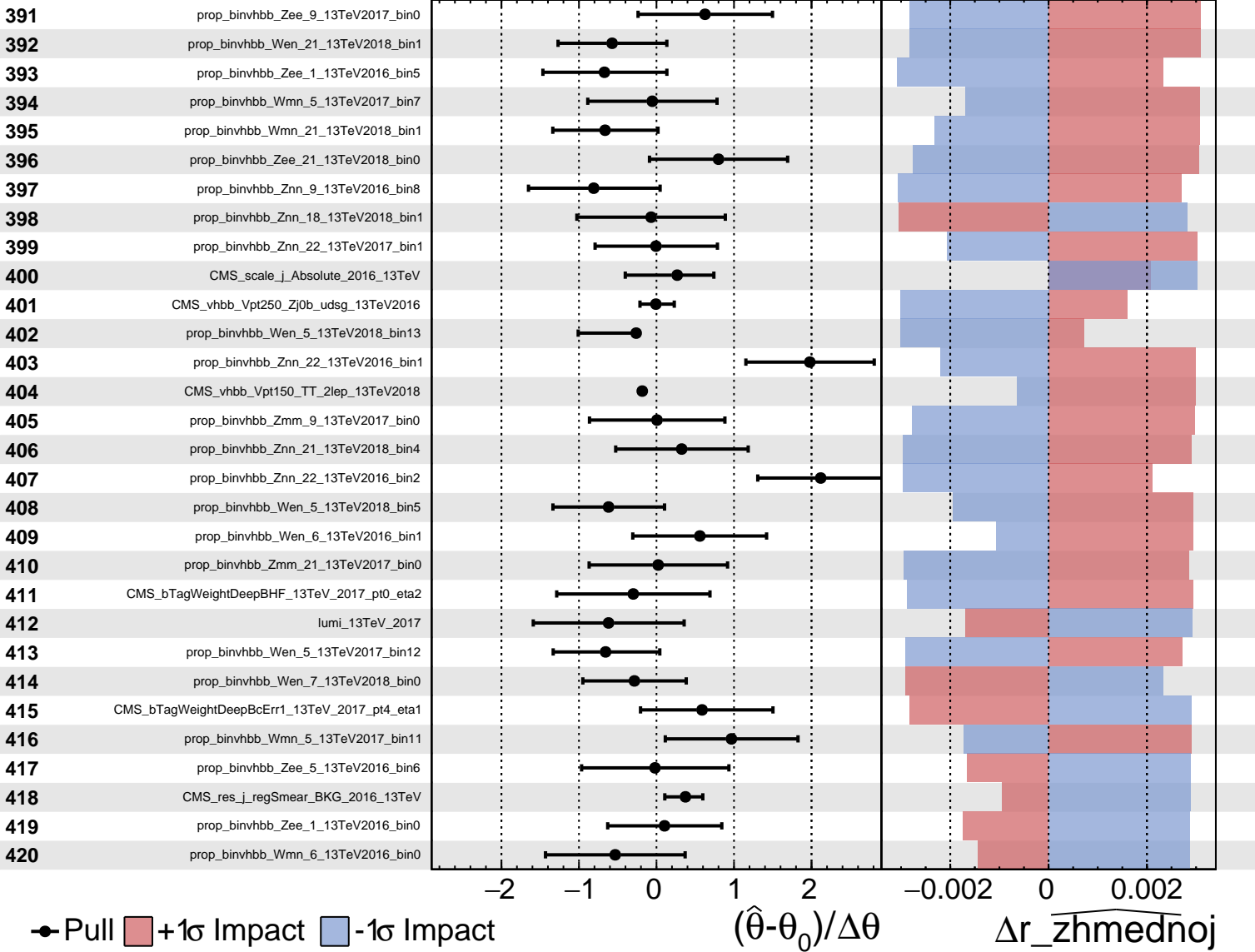
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS Internal**



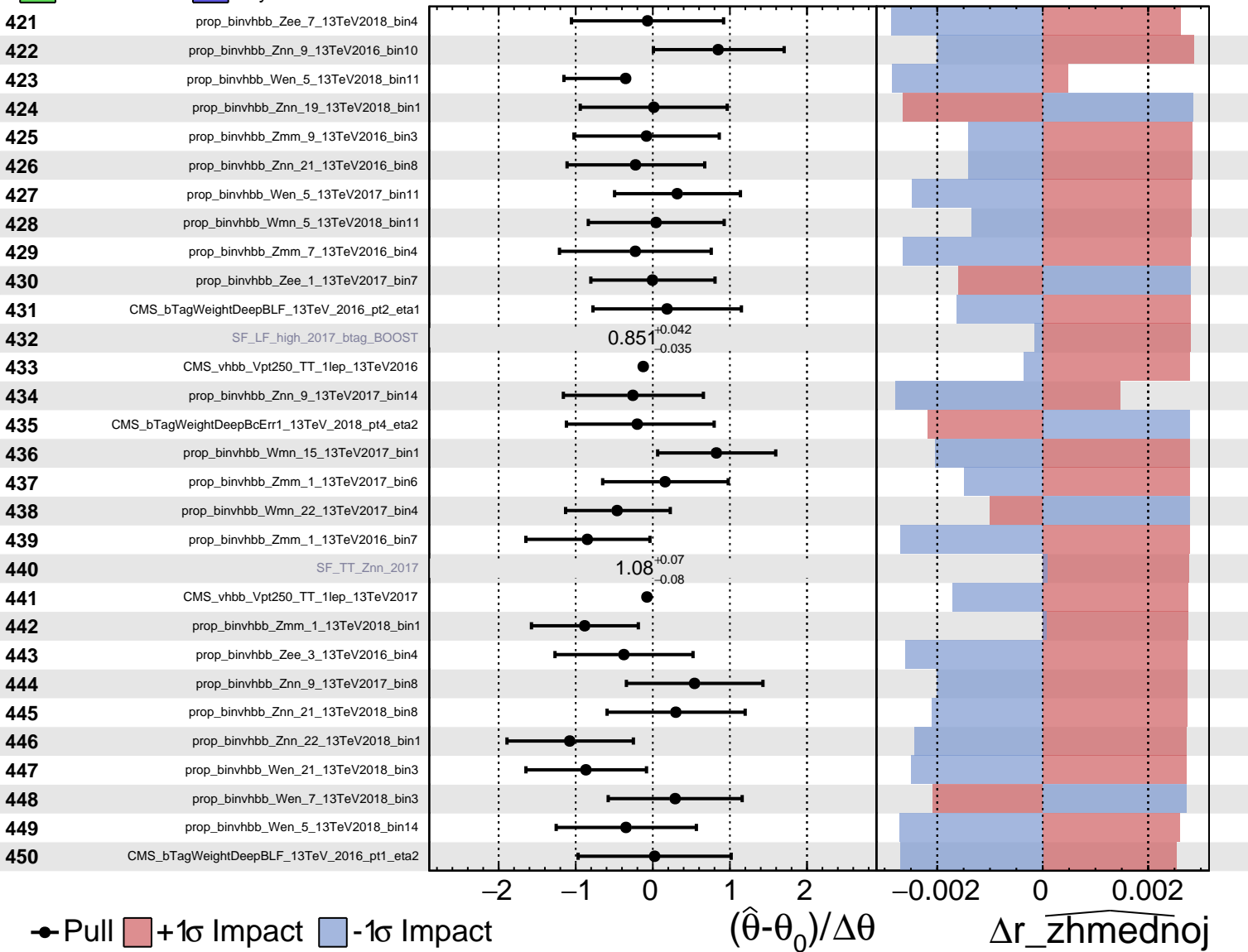
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



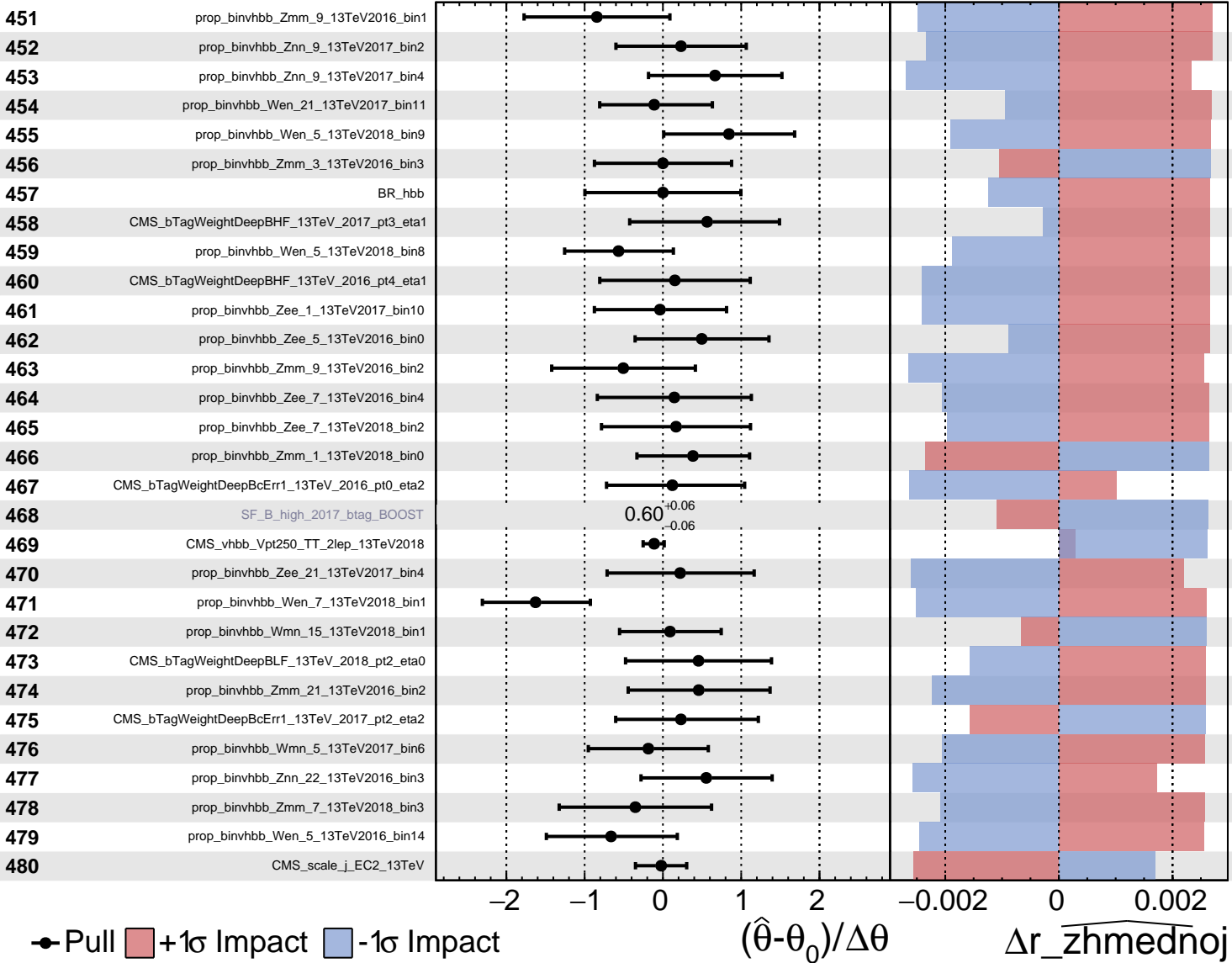
Unconstrained  
 Gaussian  
 Poisson  
 AsymmetricGaussian

**CMS** *Internal*



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

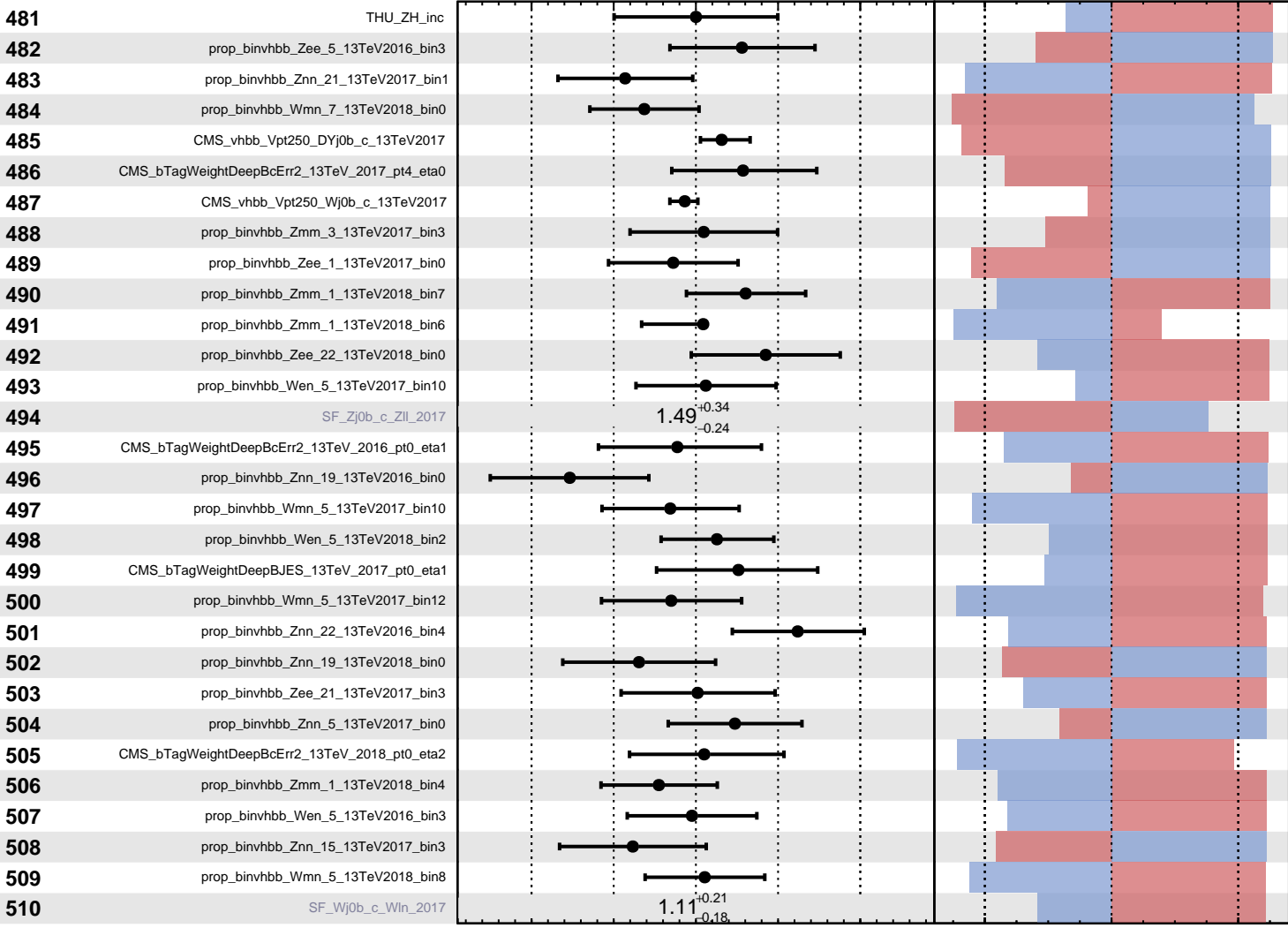
**CMS** *Internal*





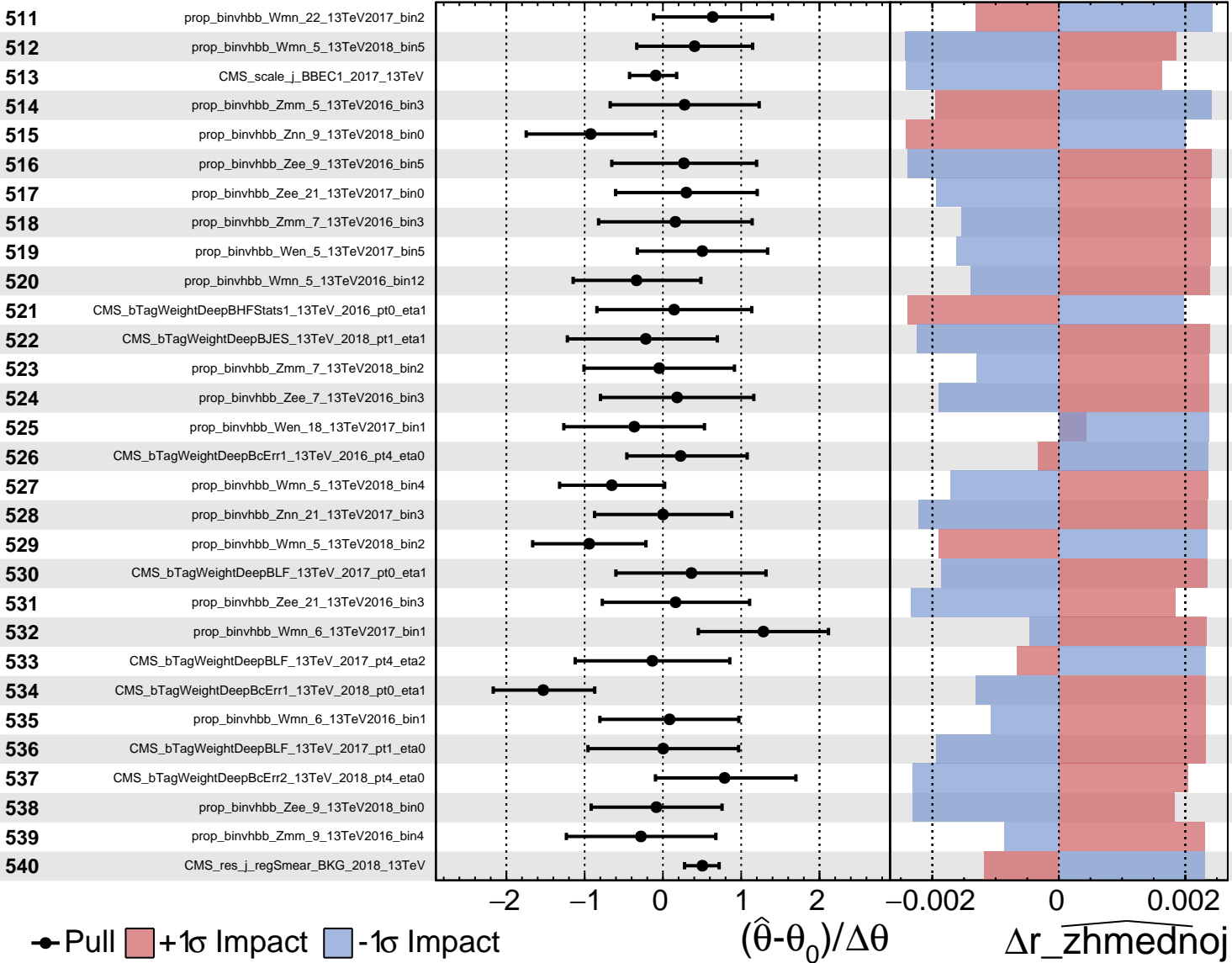
Unconstrained  
 Poisson  
 AsymmetricGaussian

**CMS** *Internal*



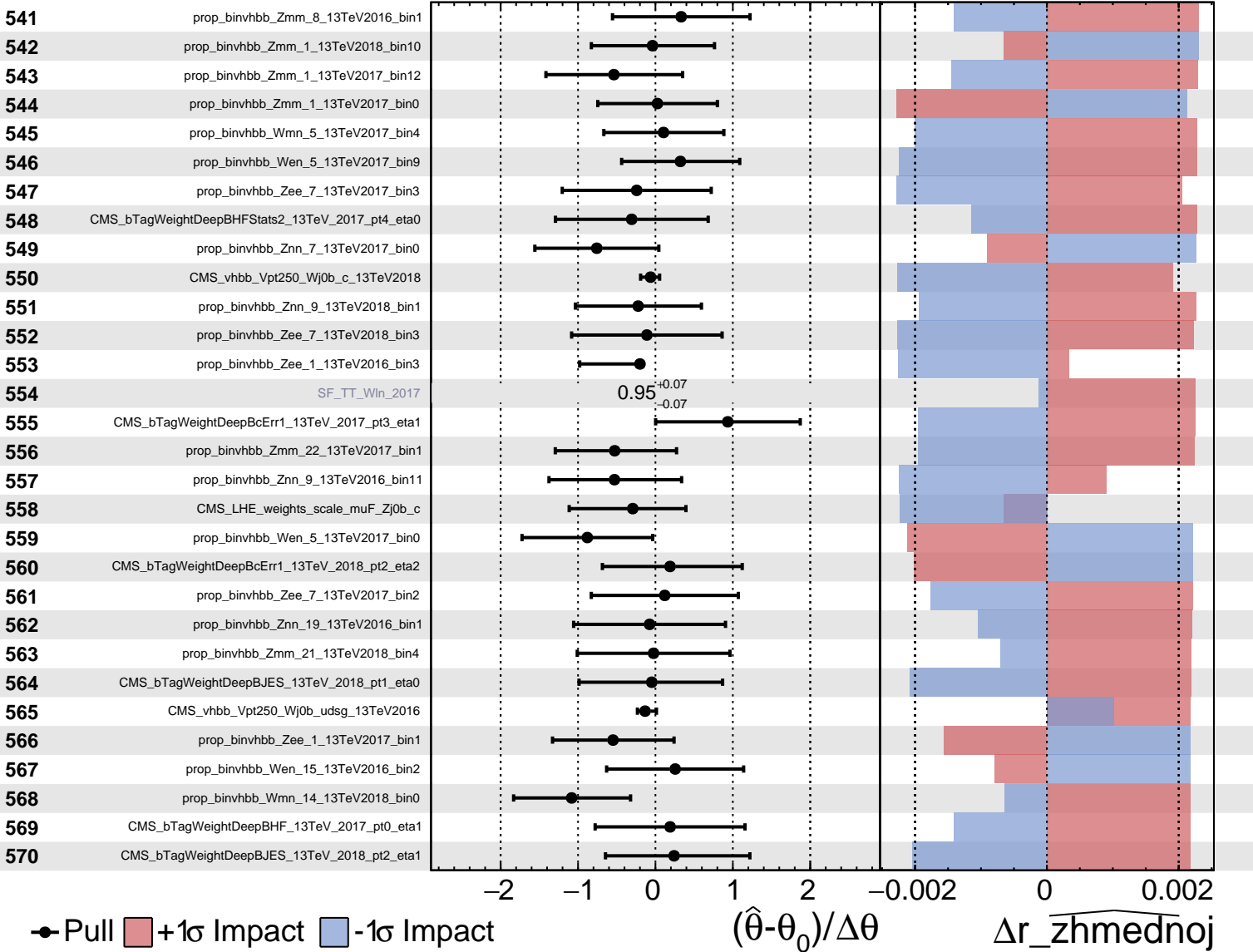
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  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



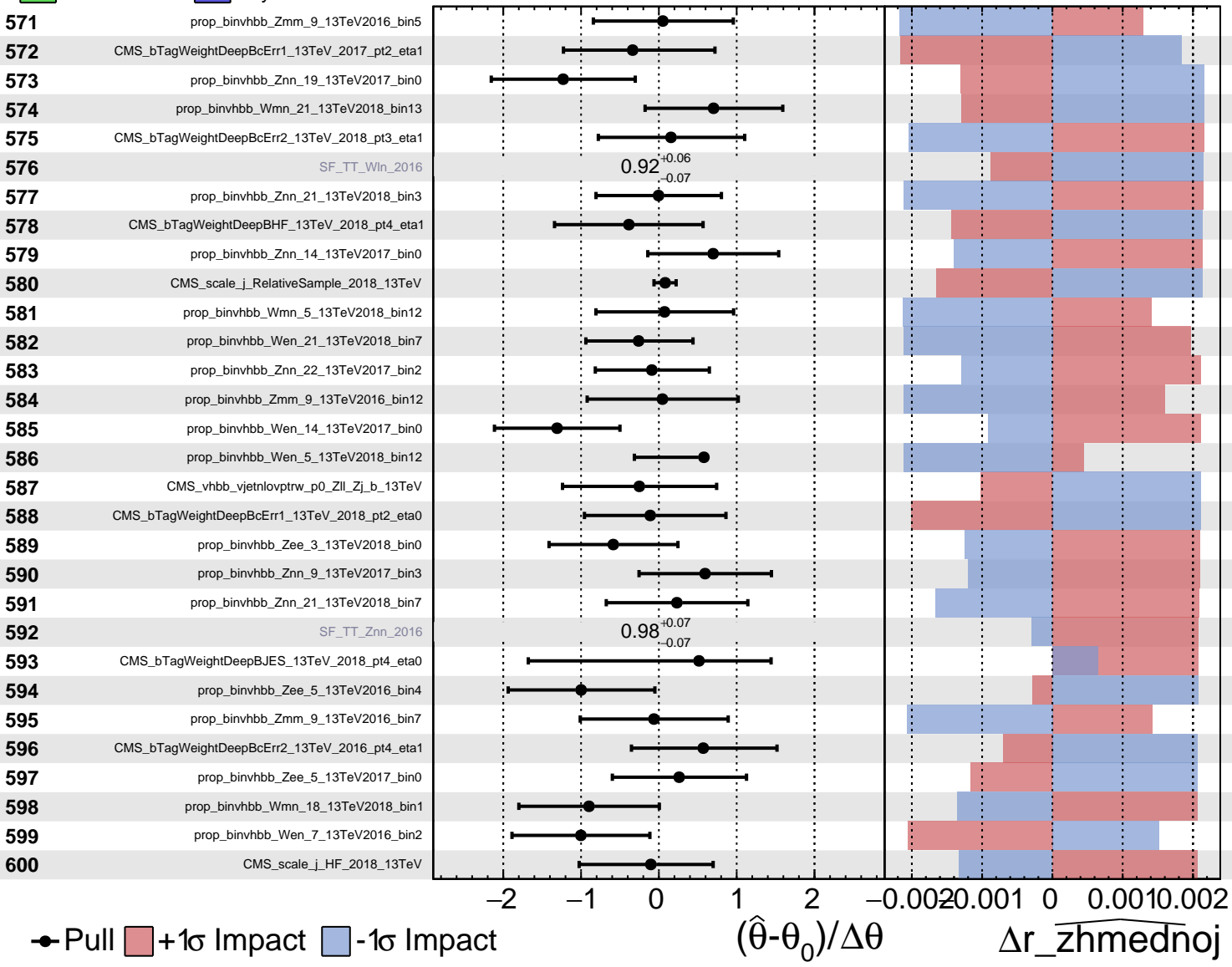
Unconstrained  
 Gaussian  
 Poisson  
 AsymmetricGaussian

**CMS** *Internal*



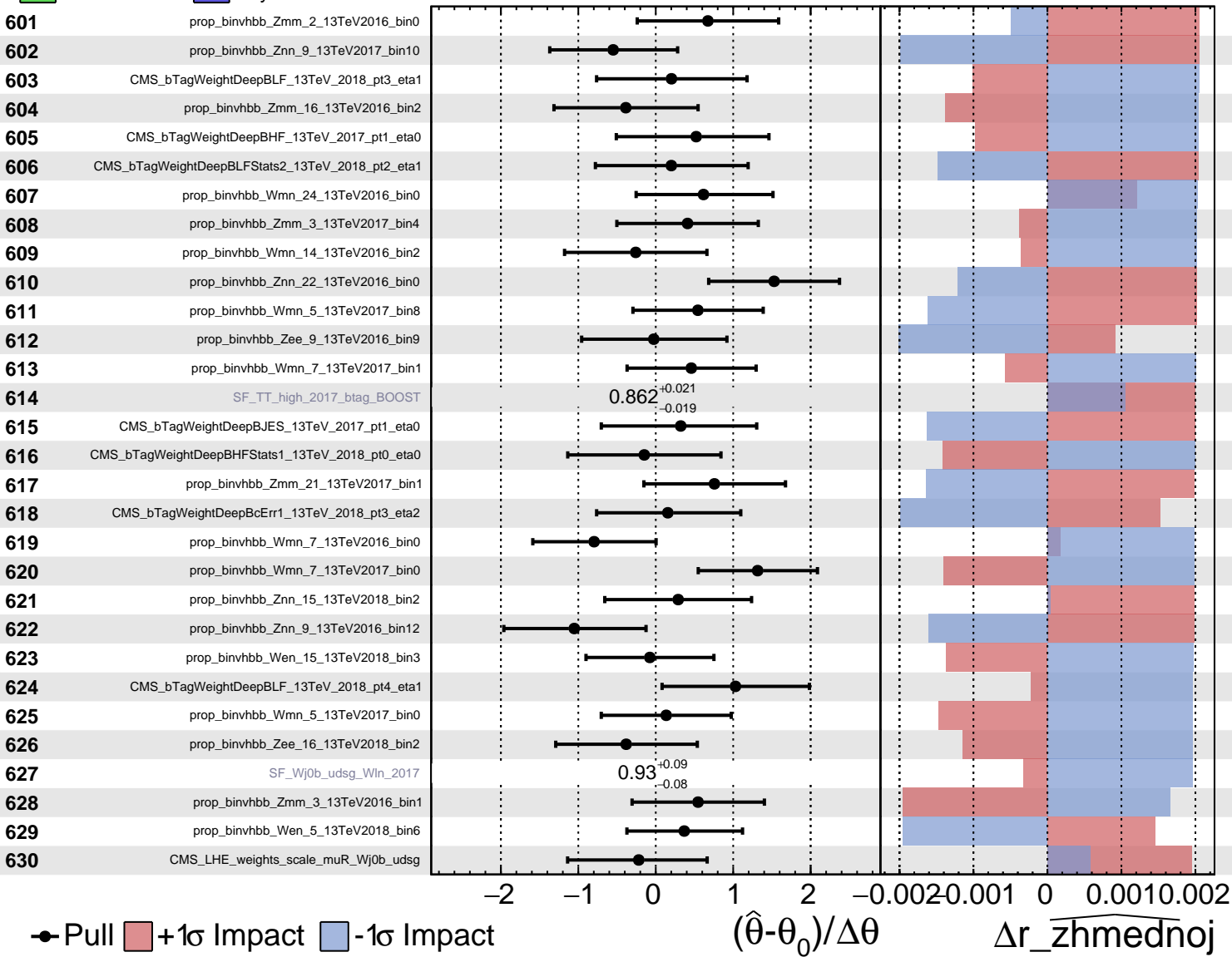
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



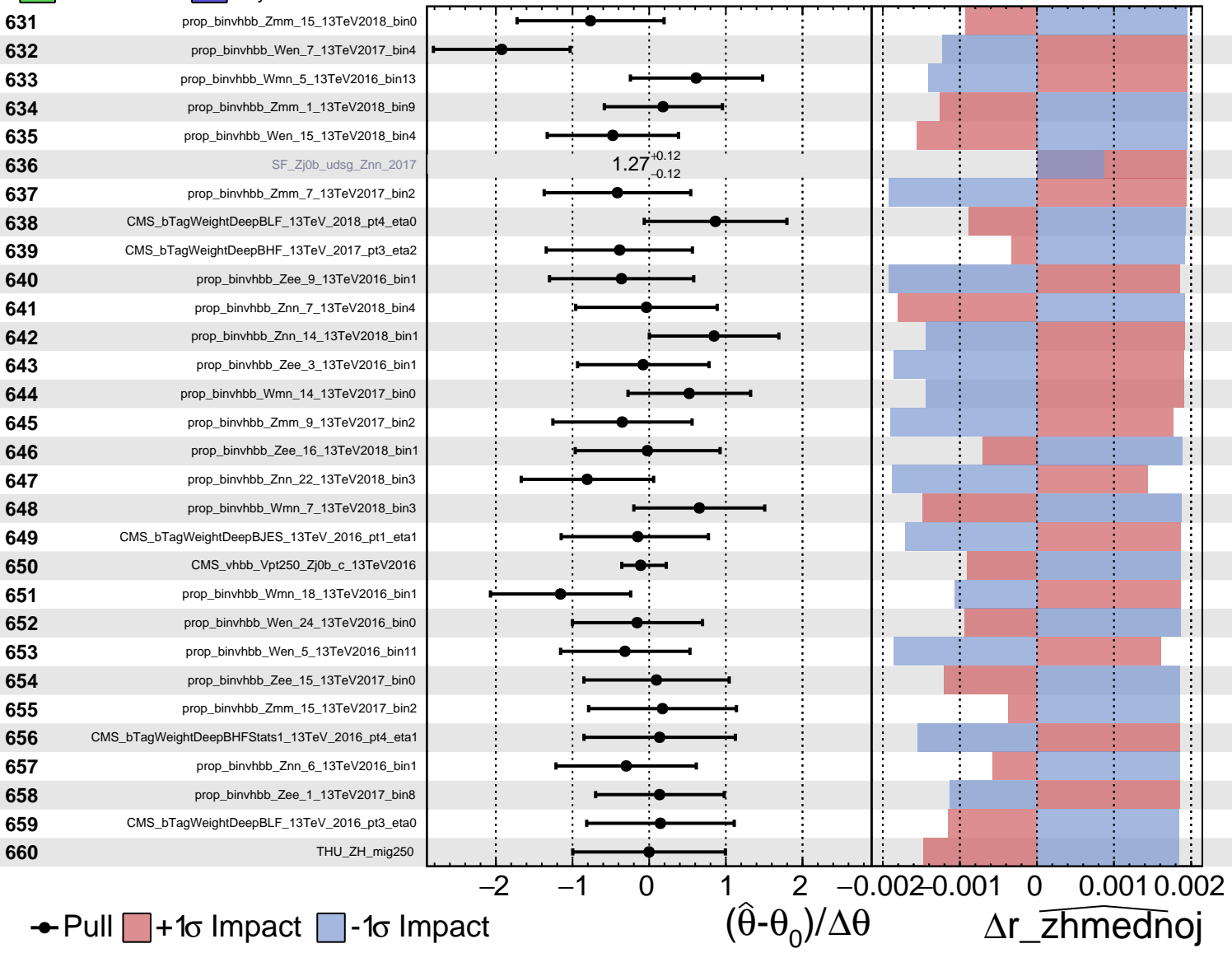
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



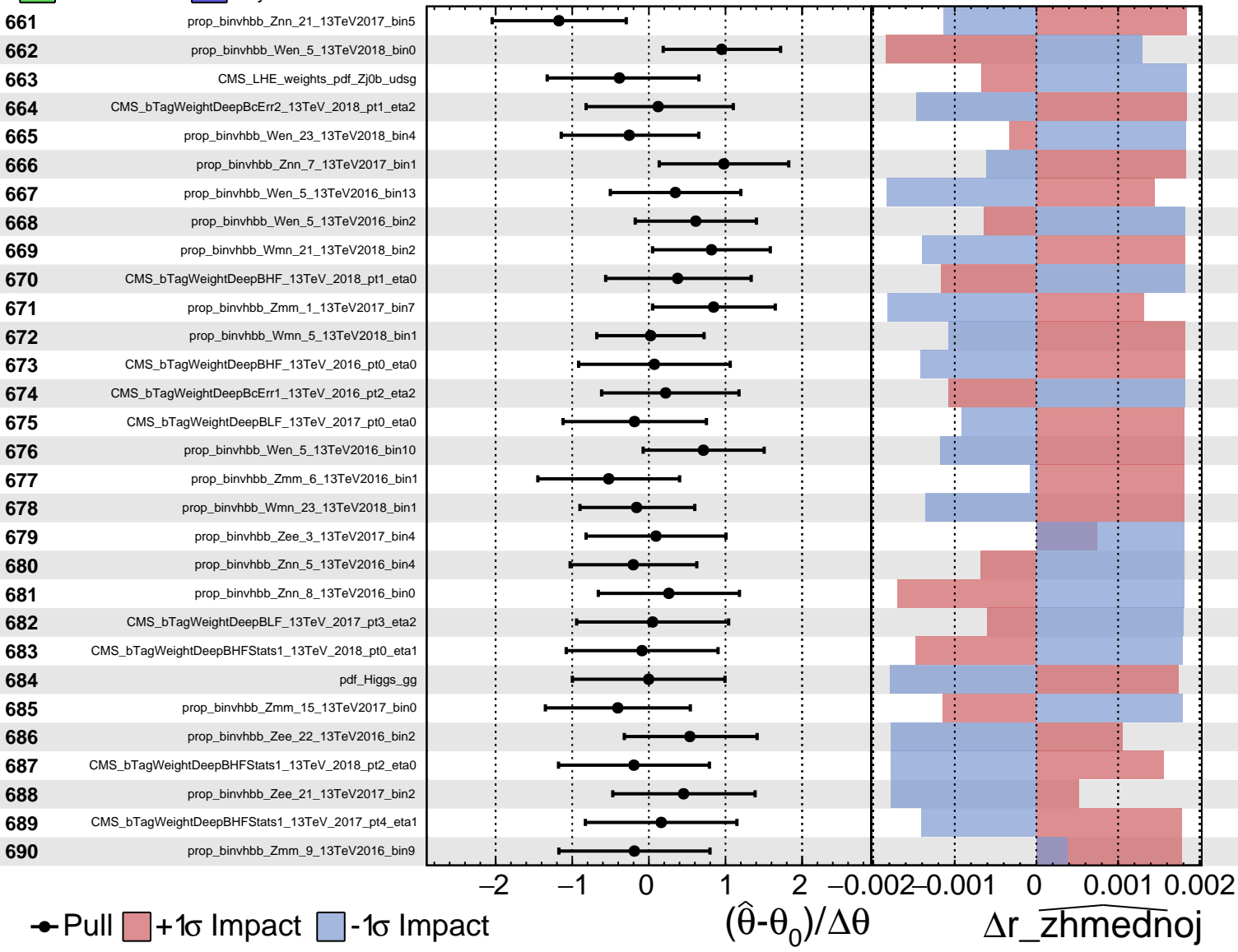
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



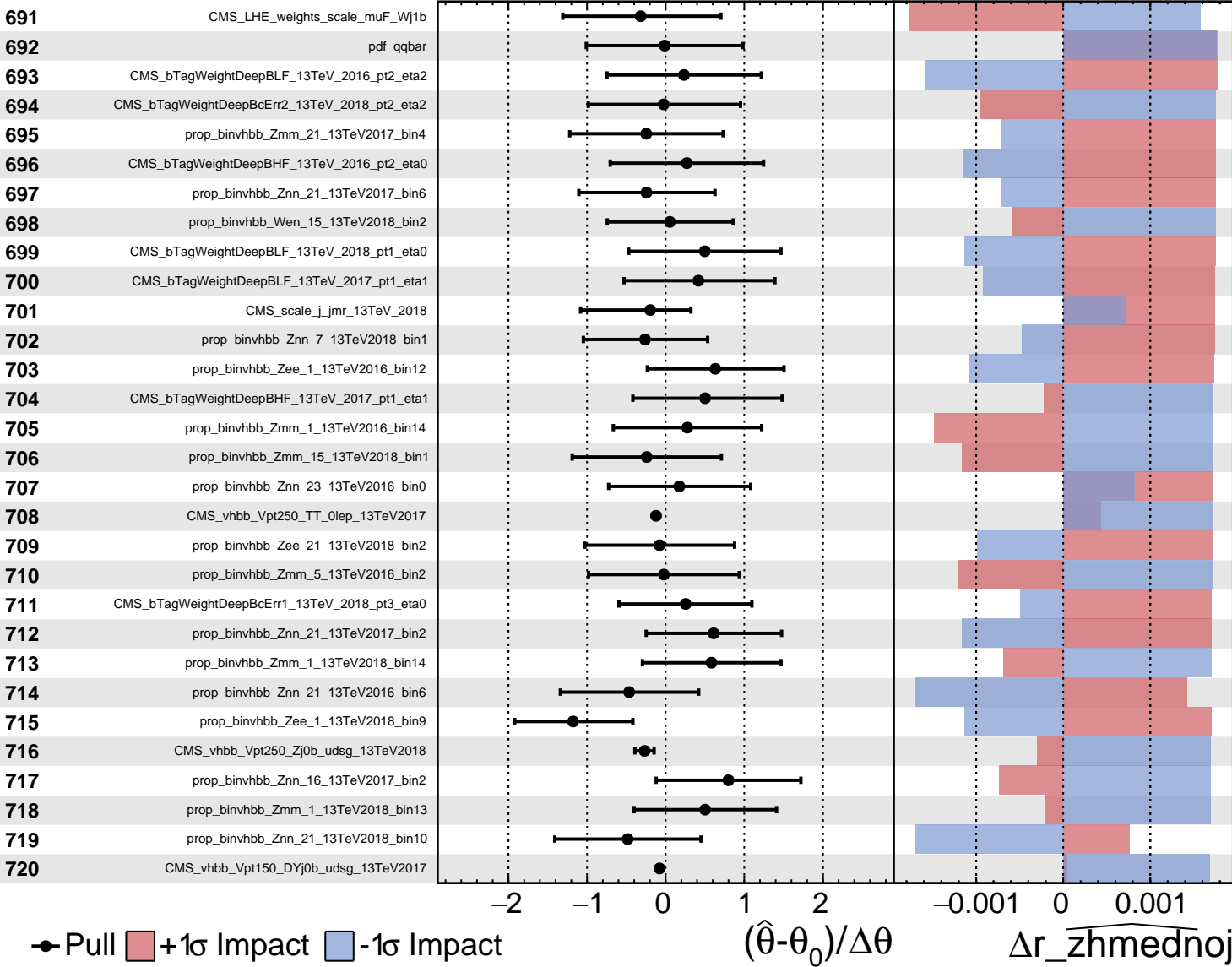
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

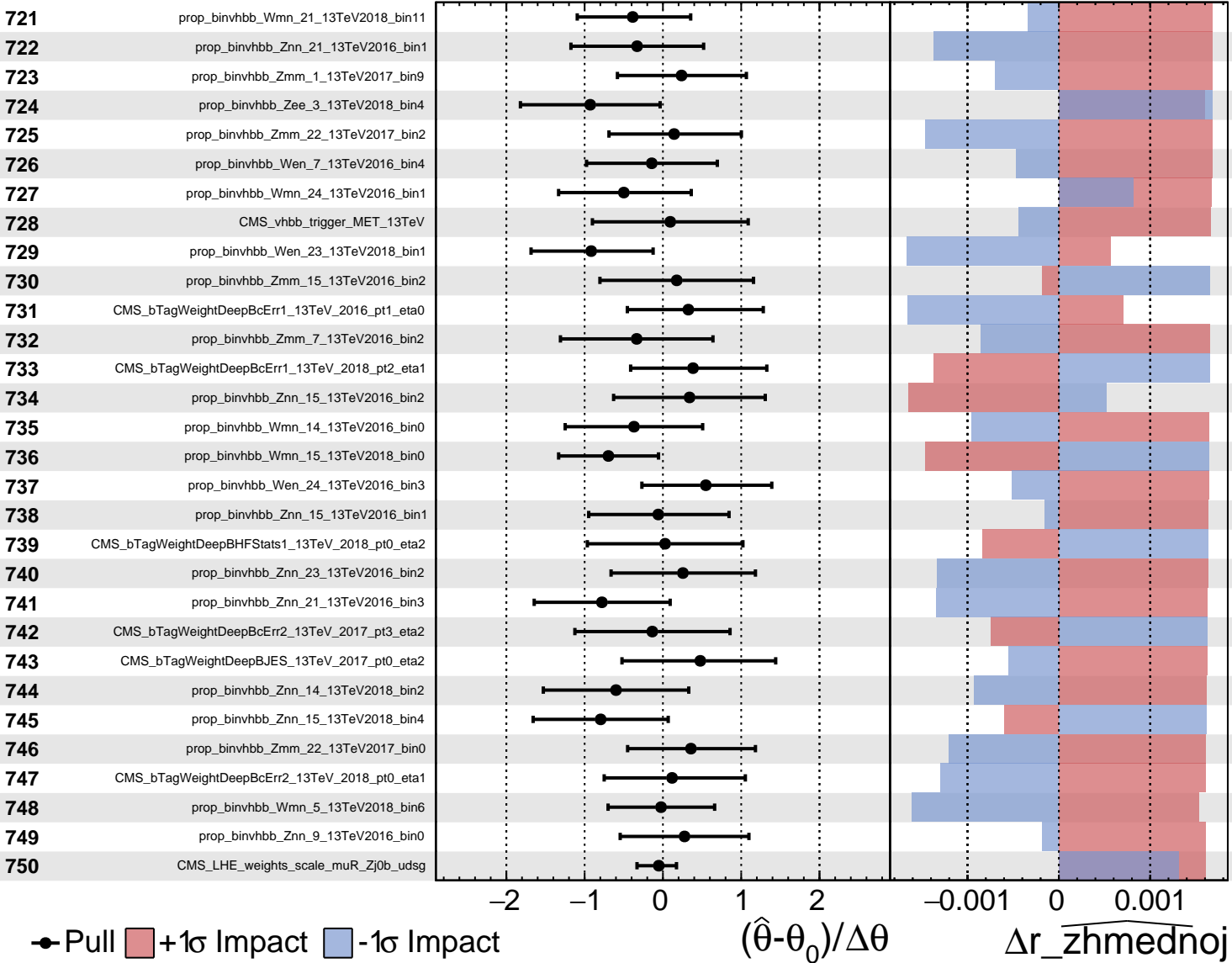
**CMS** *Internal*





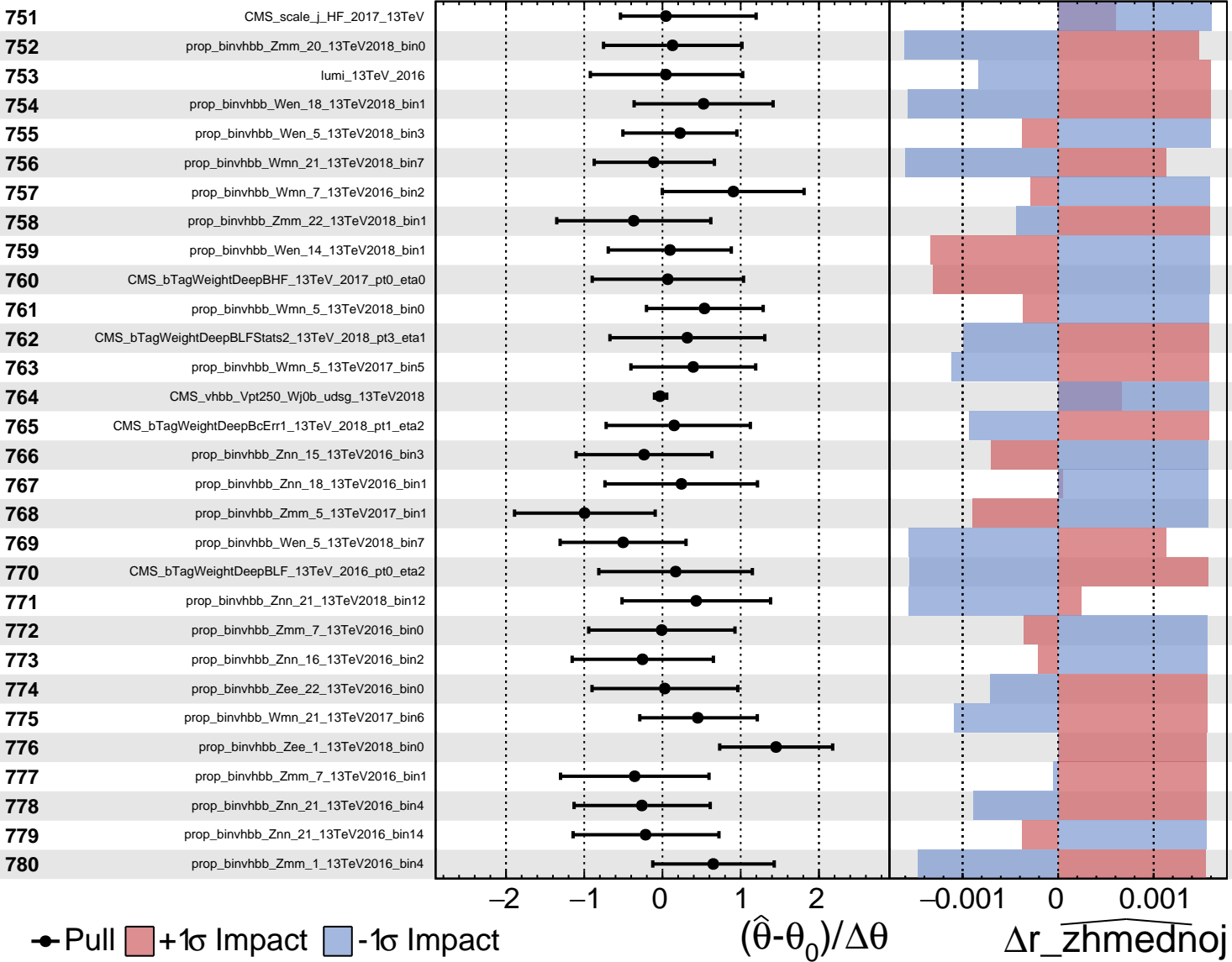
Unconstrained
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  Poisson
  AsymmetricGaussian

**CMS** *Internal*



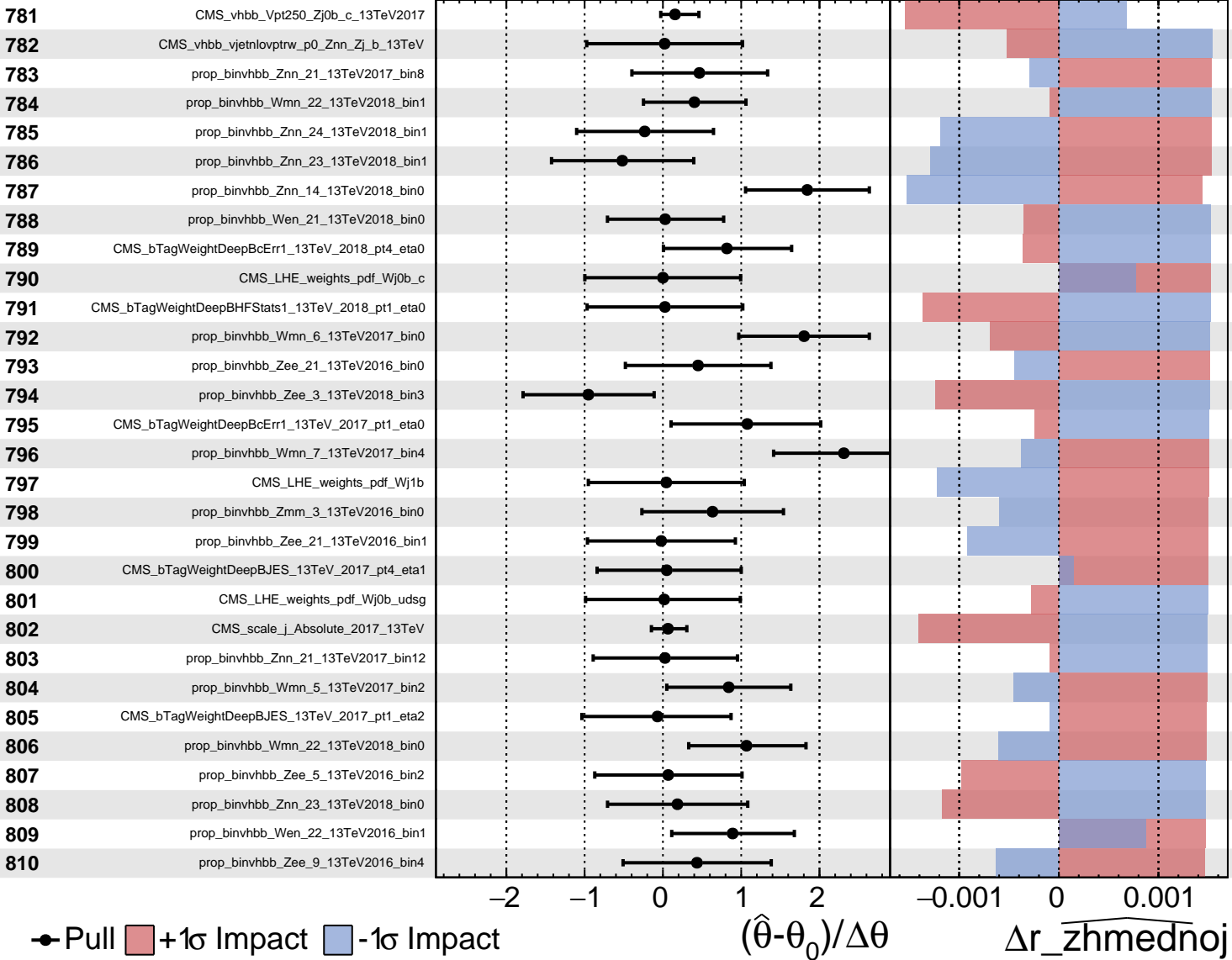
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



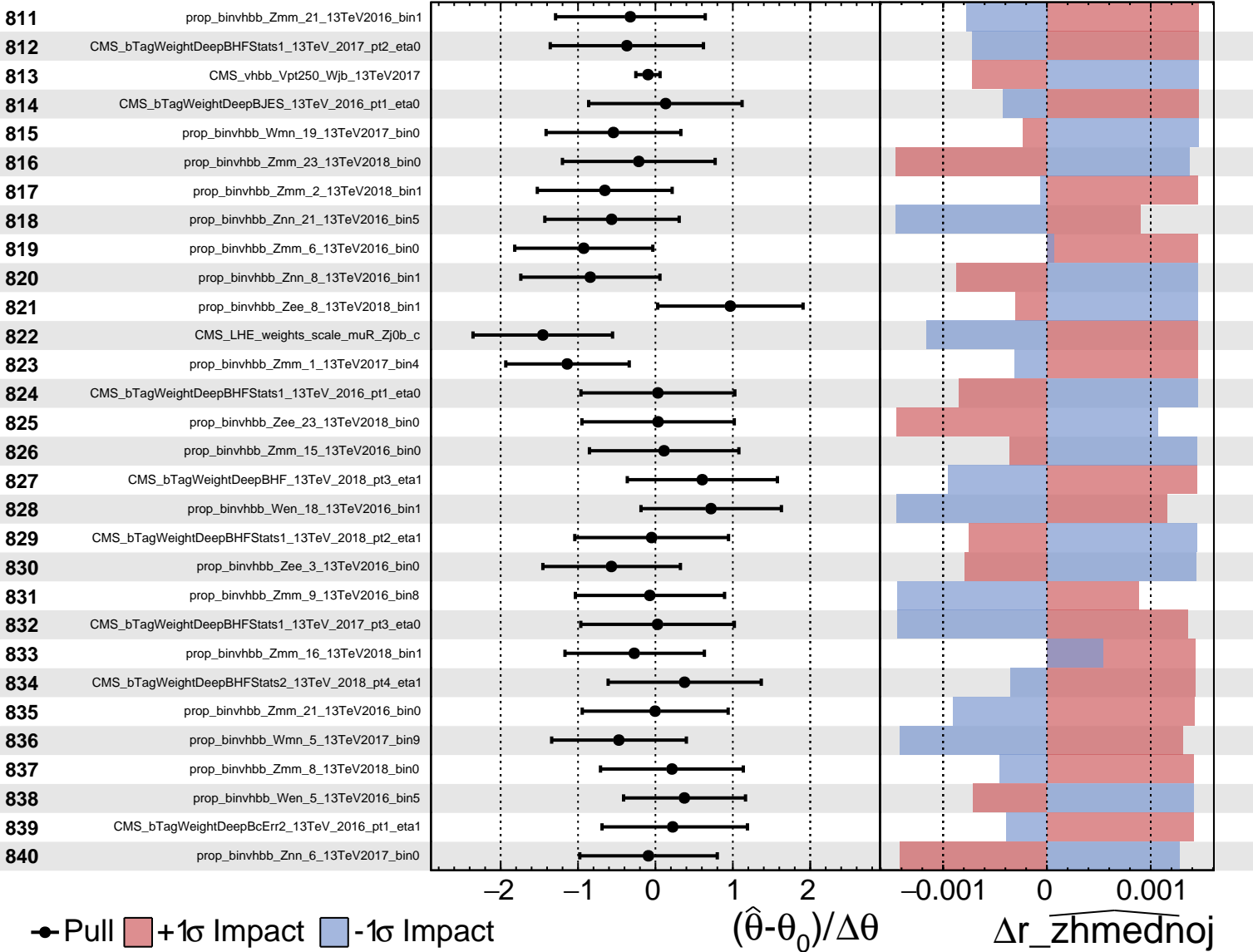
Unconstrained
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  Poisson
  AsymmetricGaussian

**CMS** *Internal*



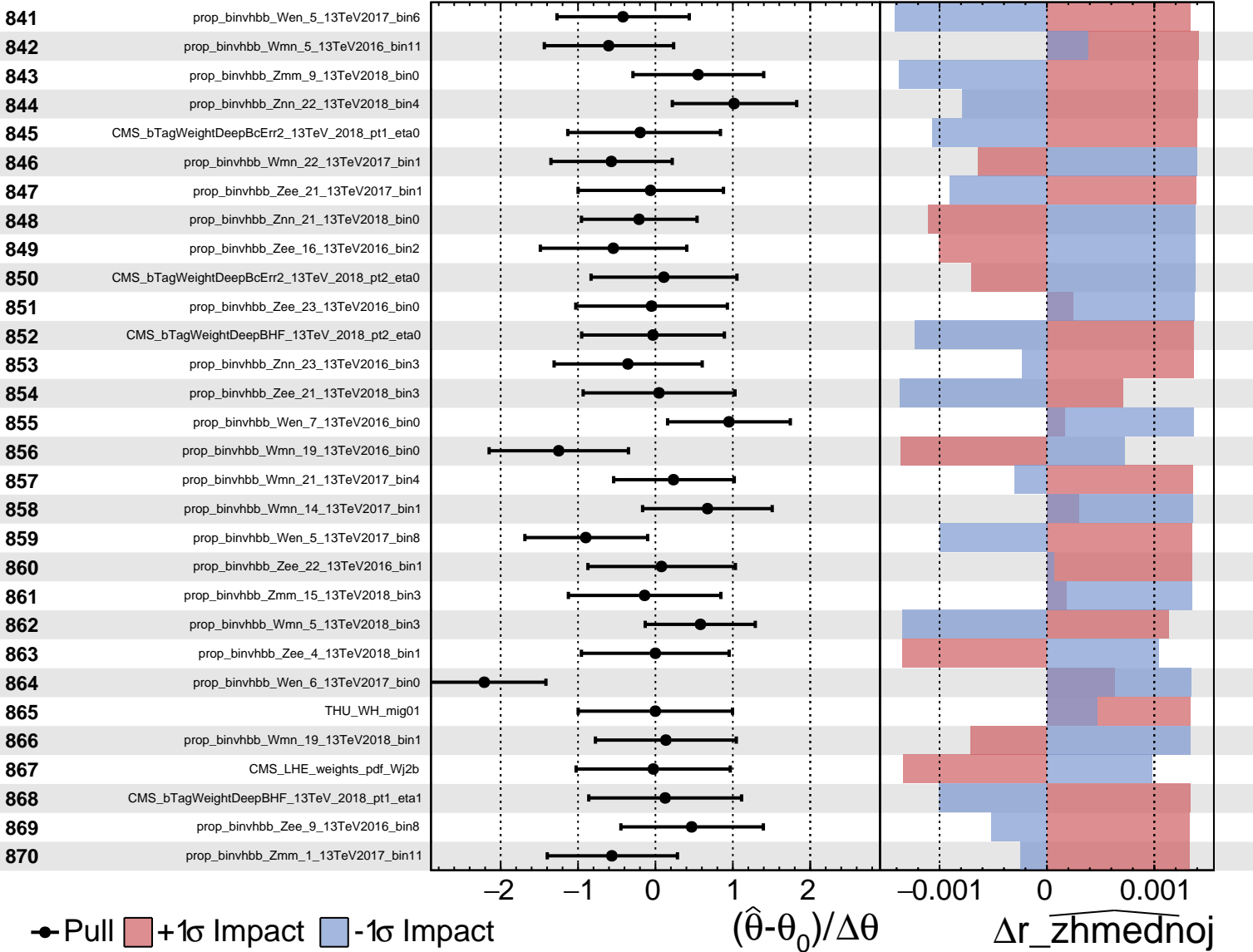
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

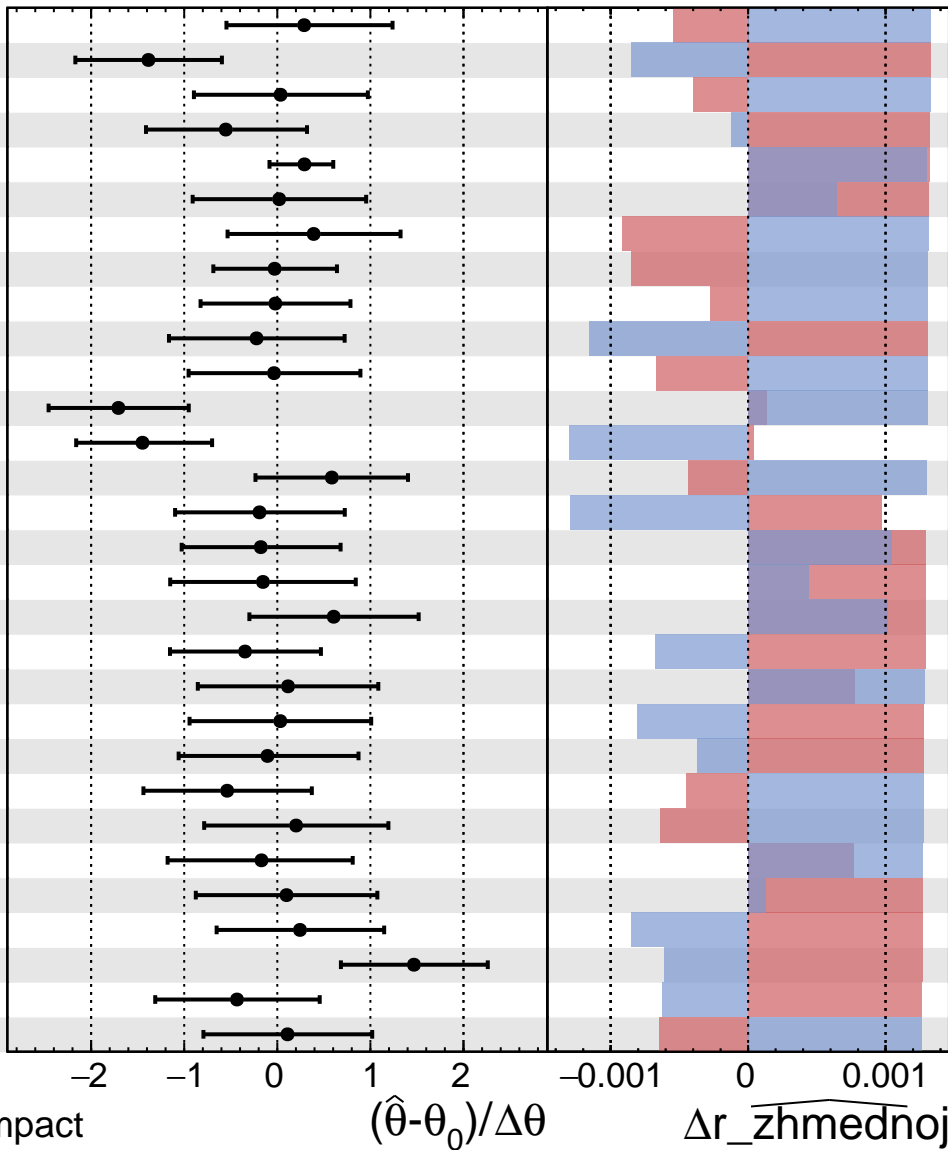
**CMS** *Internal*



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*

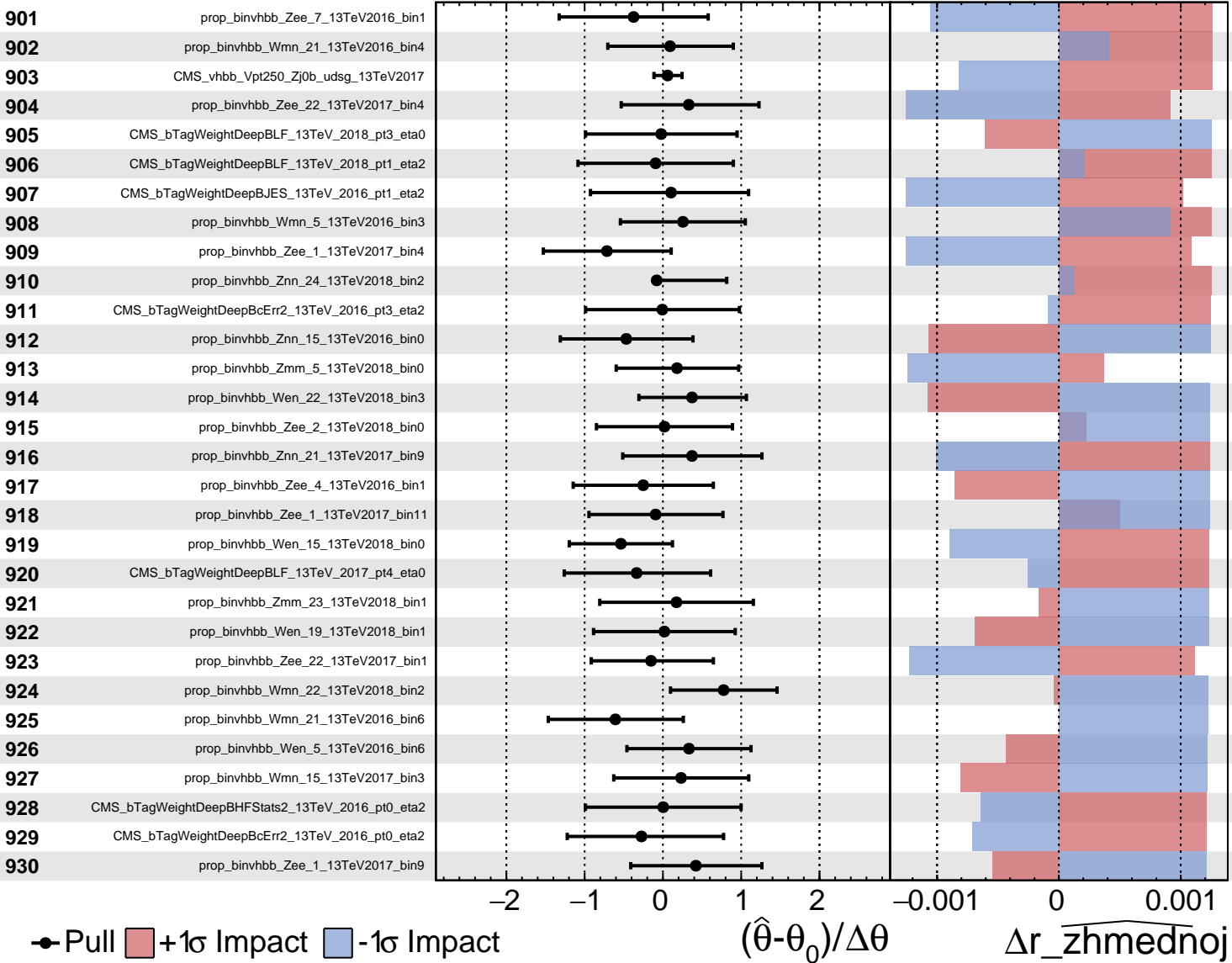
871	CMS_bTagWeightDeepBcErr1_13TeV_2017_pt1_eta1
872	prop_binvhbb_Wen_5_13TeV2017_bin4
873	prop_binvhbb_Zee_16_13TeV2017_bin2
874	prop_binvhbb_Zmm_1_13TeV2017_bin13
875	CMS_LHE_weights_scale_muR_TT
876	prop_binvhbb_Znn_16_13TeV2018_bin0
877	prop_binvhbb_Zee_1_13TeV2016_bin14
878	prop_binvhbb_Wen_21_13TeV2018_bin2
879	prop_binvhbb_Wen_22_13TeV2017_bin0
880	prop_binvhbb_Zmm_20_13TeV2018_bin1
881	prop_binvhbb_Znn_24_13TeV2016_bin0
882	prop_binvhbb_Wen_7_13TeV2017_bin0
883	prop_binvhbb_Wmn_21_13TeV2018_bin10
884	prop_binvhbb_Wen_15_13TeV2016_bin3
885	prop_binvhbb_Znn_21_13TeV2016_bin10
886	prop_binvhbb_Wen_7_13TeV2016_bin1
887	prop_binvhbb_Zee_21_13TeV2016_bin6
888	CMS_bTagWeightDeepBcErr2_13TeV_2016_pt4_eta0
889	prop_binvhbb_Wen_5_13TeV2016_bin9
890	prop_binvhbb_Zmm_18_13TeV2016_bin1
891	prop_binvhbb_Zee_22_13TeV2018_bin1
892	CMS_bTagWeightDeepBcErr1_13TeV_2016_pt3_eta2
893	prop_binvhbb_Zmm_20_13TeV2017_bin0
894	CMS_bTagWeightDeepBLFStats2_13TeV_2018_pt4_eta2
895	lumi_13TeV_20162017
896	prop_binvhbb_Zee_19_13TeV2016_bin1
897	prop_binvhbb_Zmm_1_13TeV2016_bin13
898	prop_binvhbb_Wmn_15_13TeV2016_bin0
899	prop_binvhbb_Wmn_19_13TeV2018_bin0
900	prop_binvhbb_Zee_20_13TeV2017_bin0



● Pull
   $+1\sigma$  Impact
   $-1\sigma$  Impact

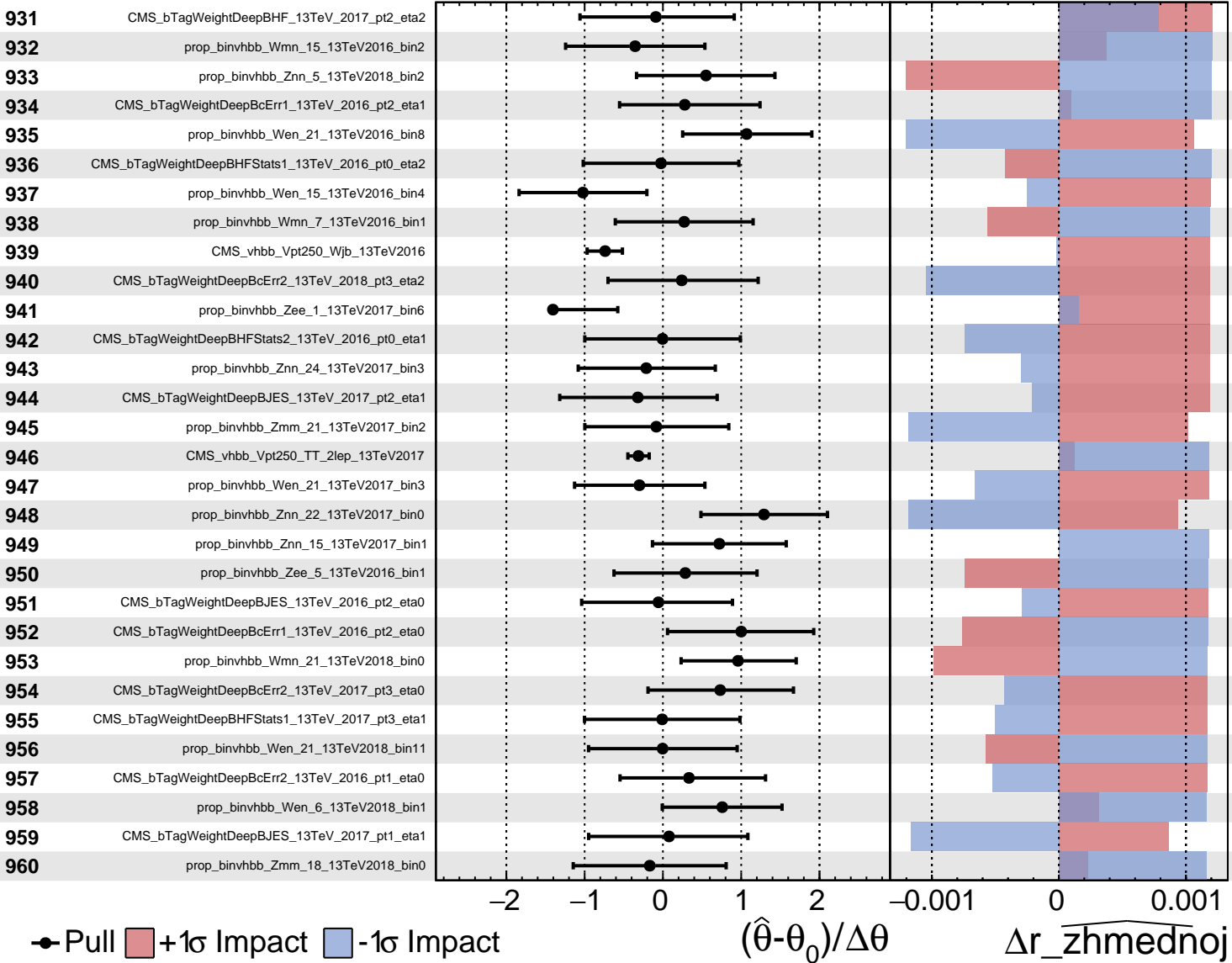
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

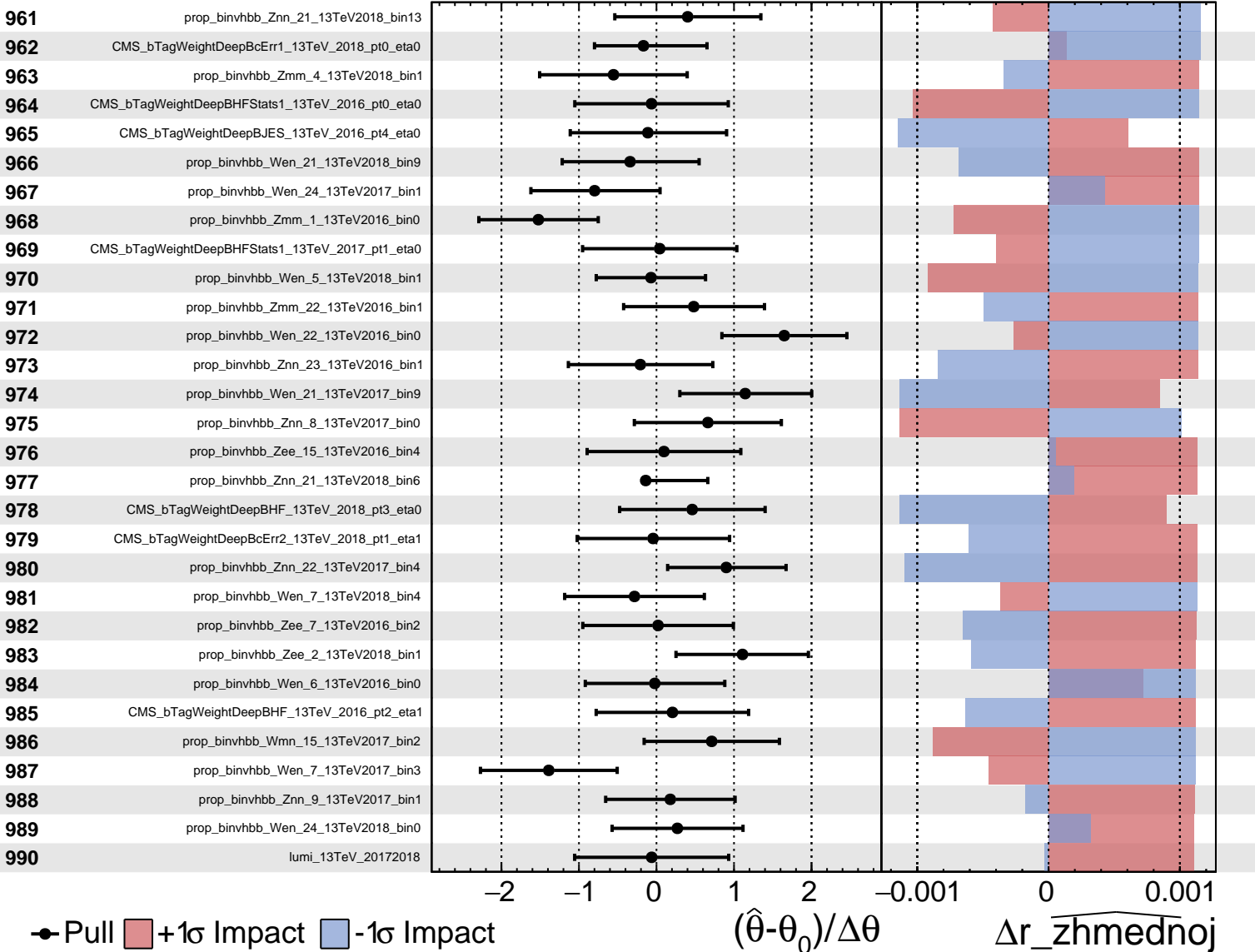
**CMS** *Internal*





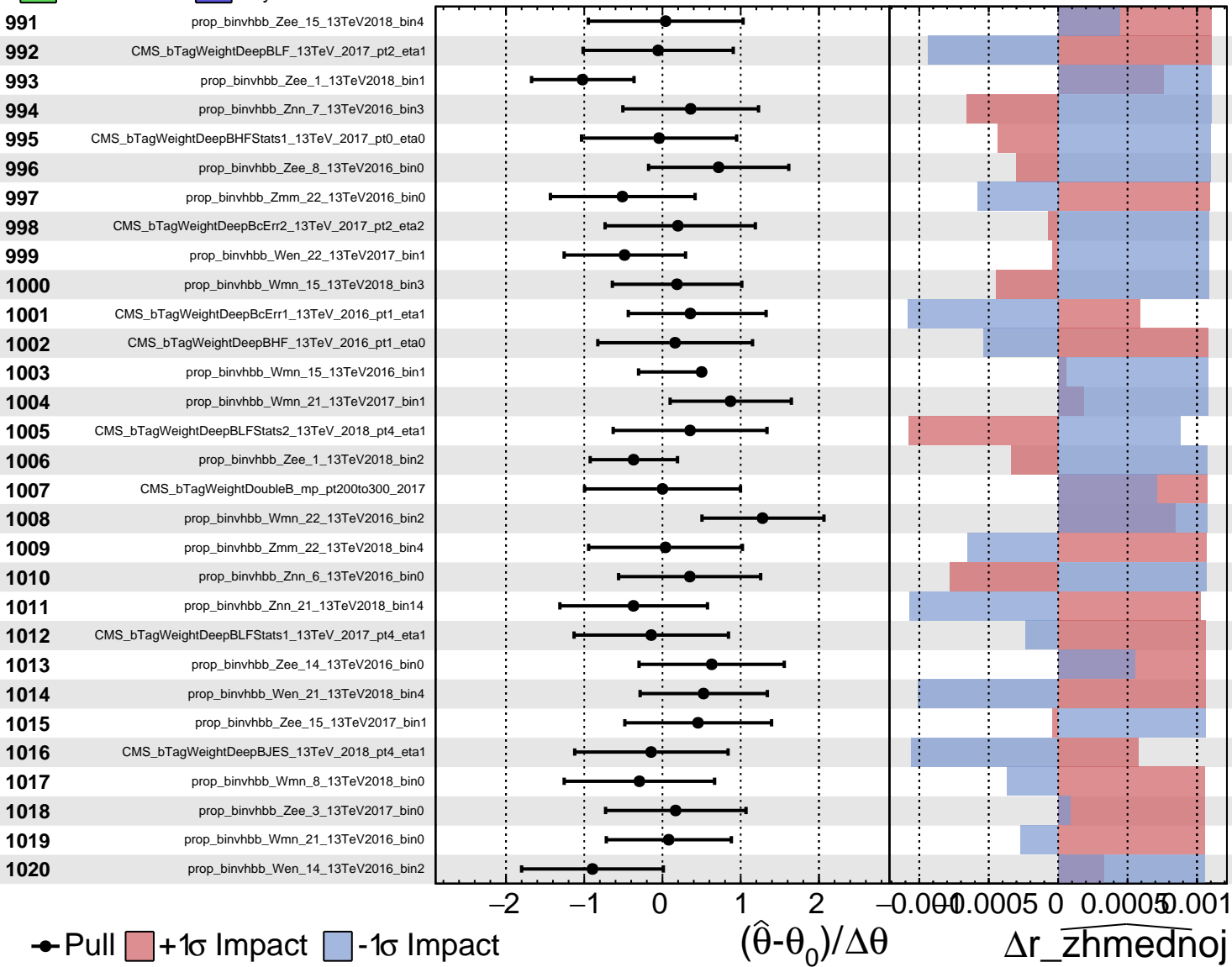
Unconstrained
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  AsymmetricGaussian

**CMS** *Internal*



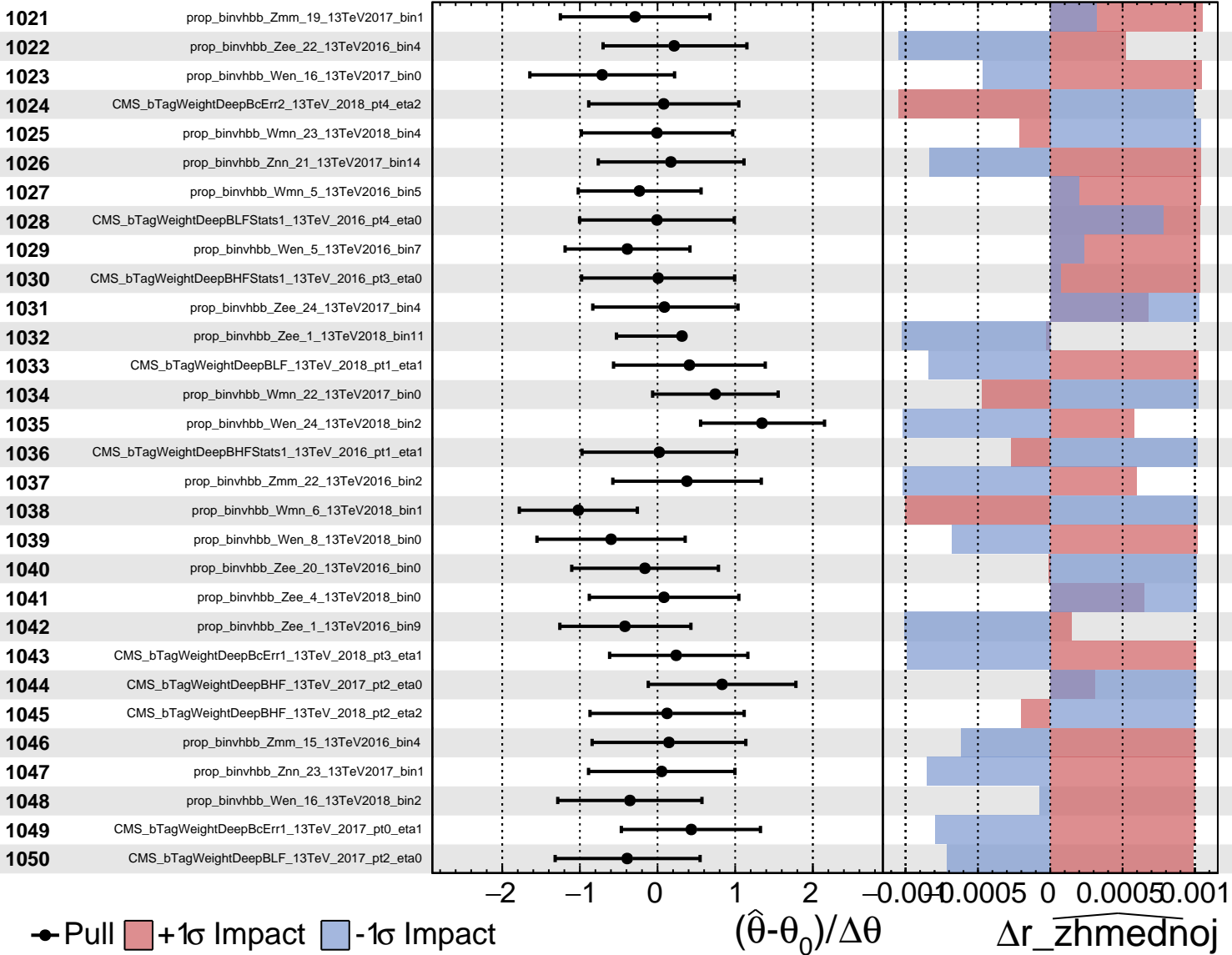
Unconstrained
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  Poisson
  AsymmetricGaussian

**CMS** *Internal*



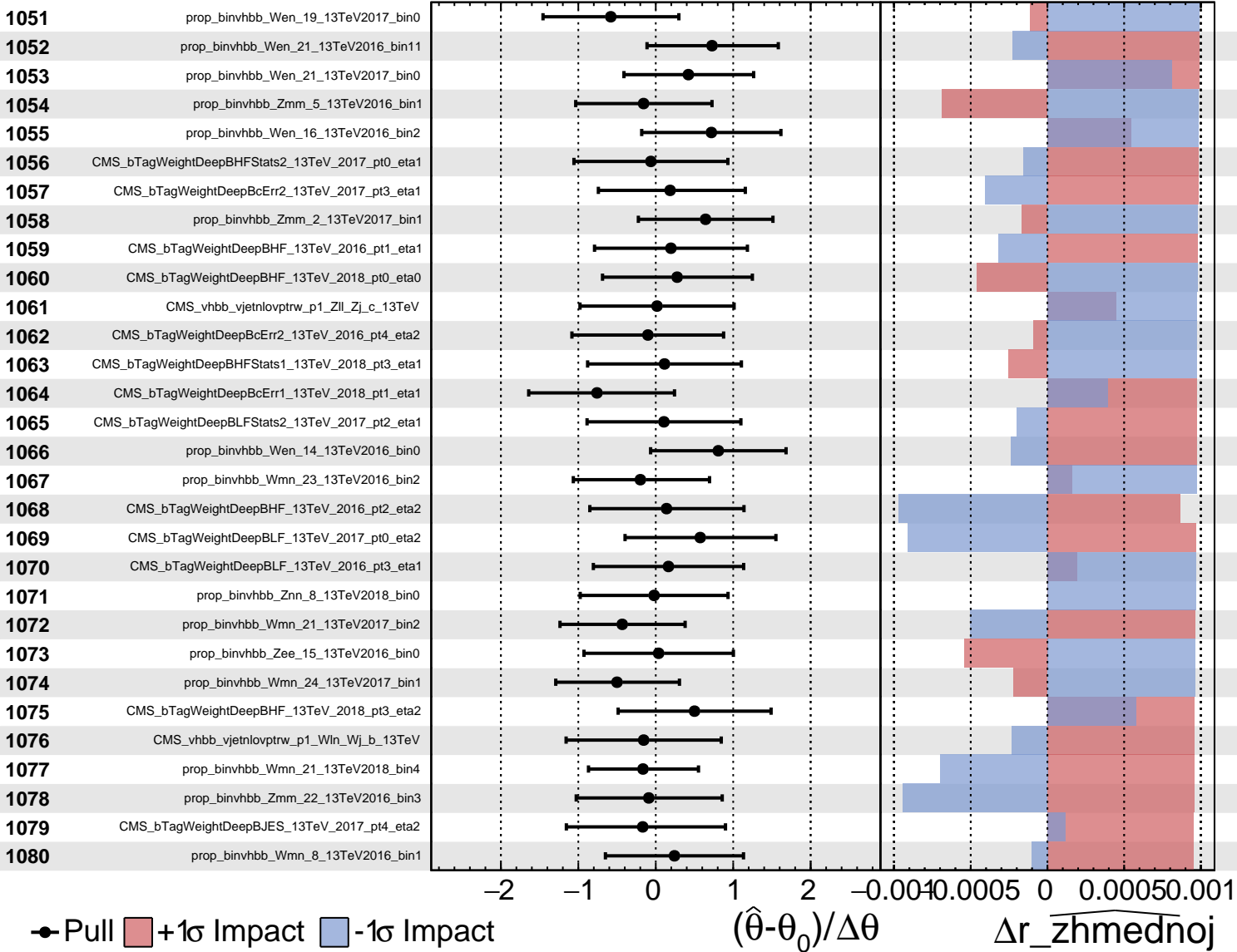
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**CMS** *Internal*



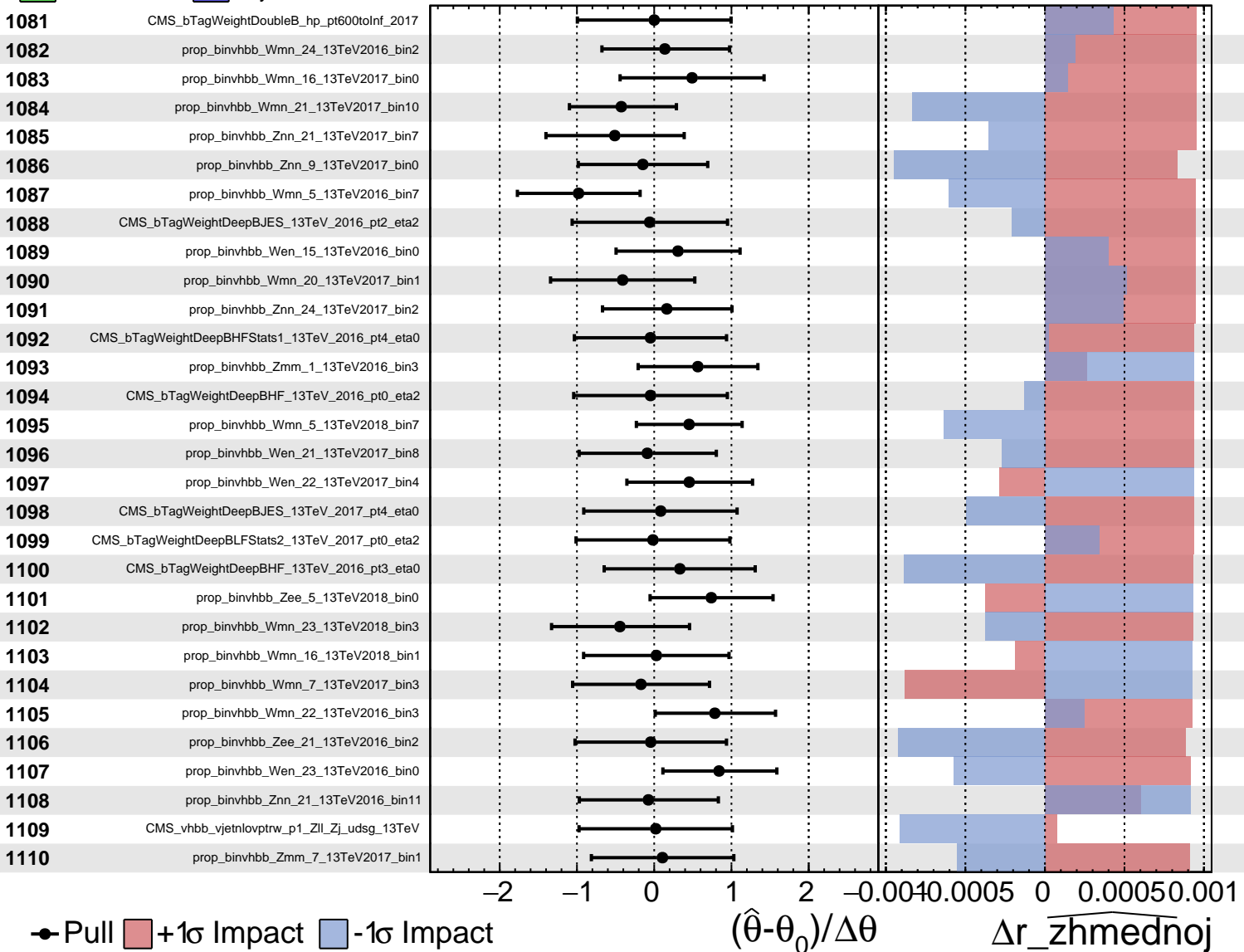
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**CMS** *Internal*



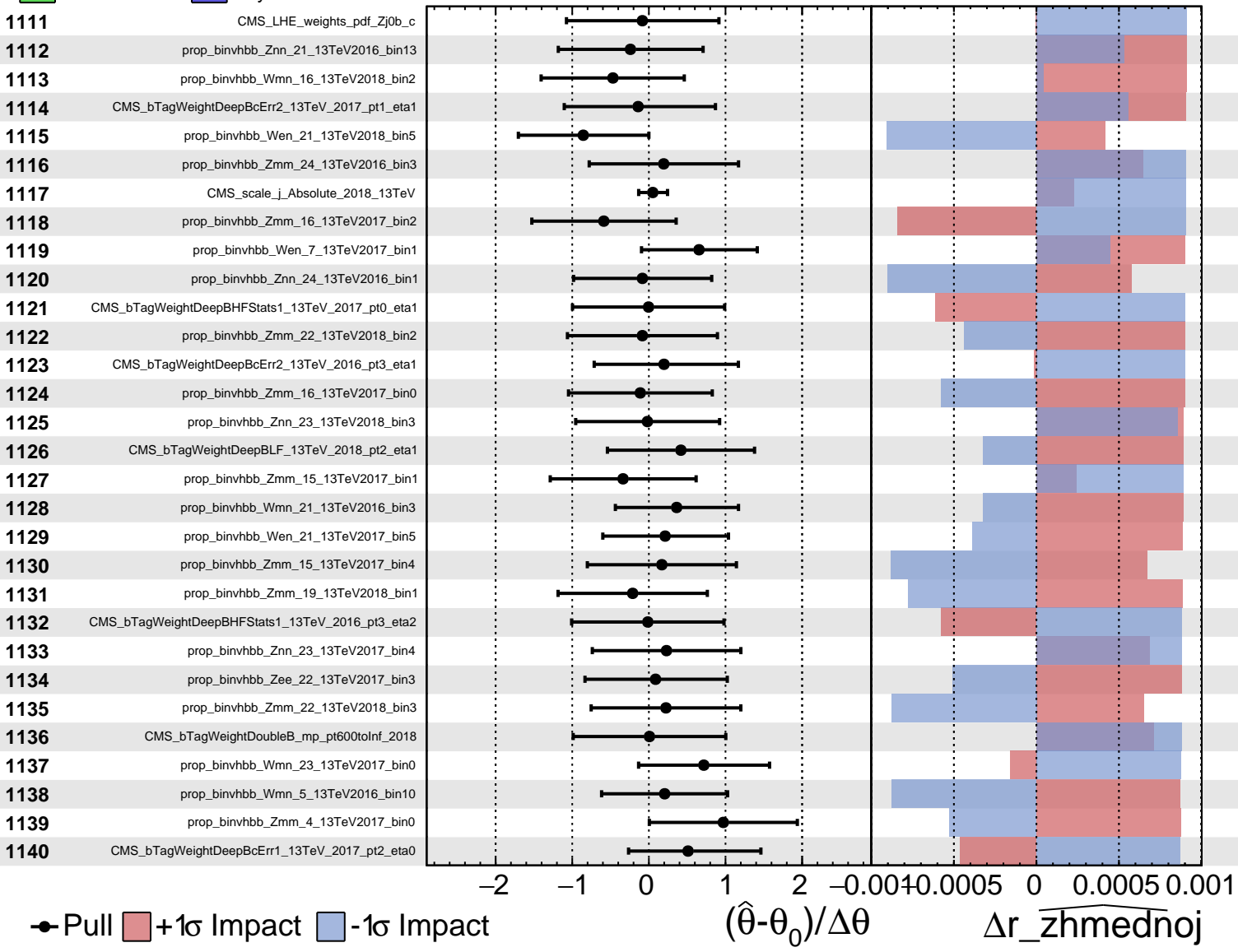
Unconstrained
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  Poisson
  AsymmetricGaussian

**CMS** *Internal*



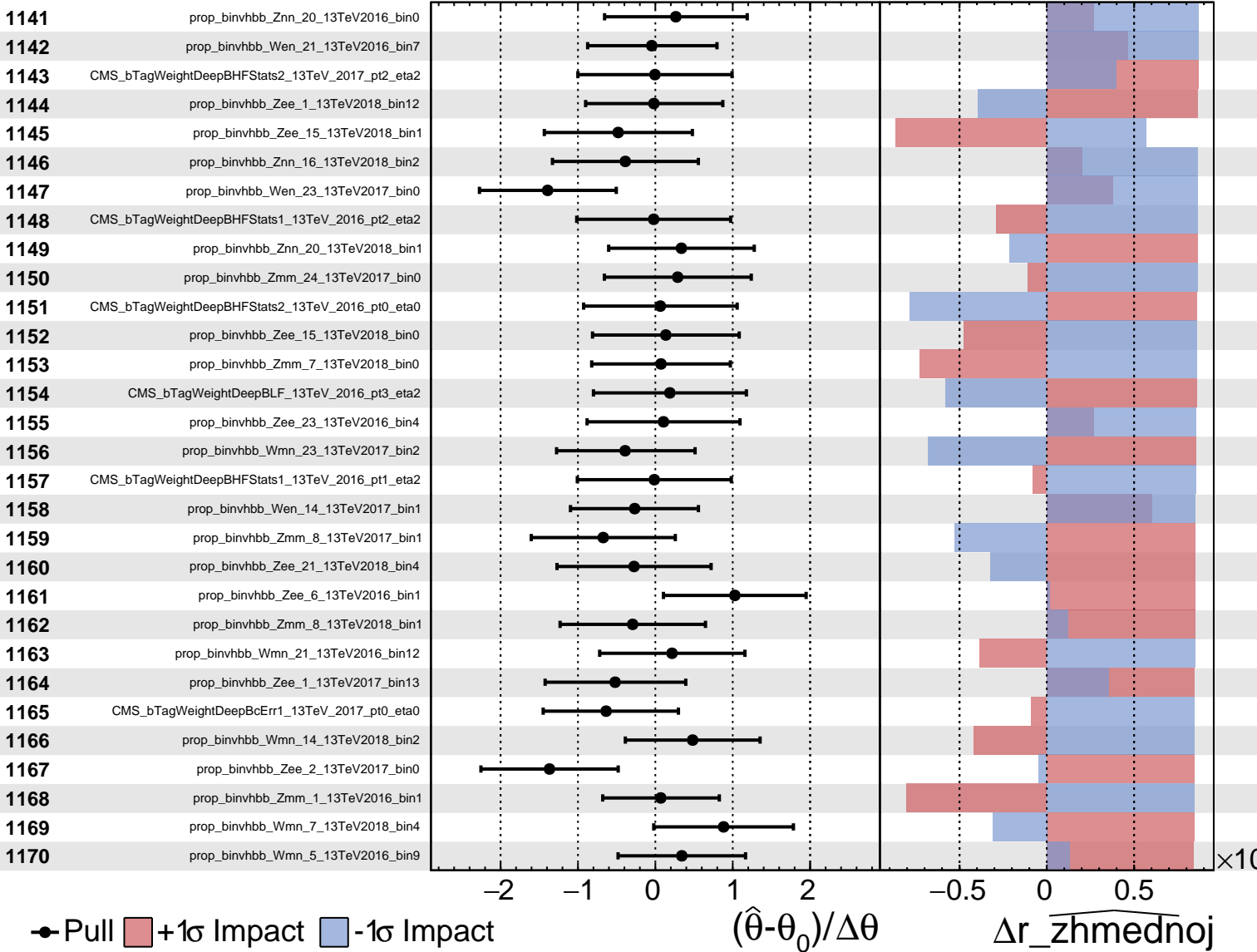
Unconstrained
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**CMS** *Internal*



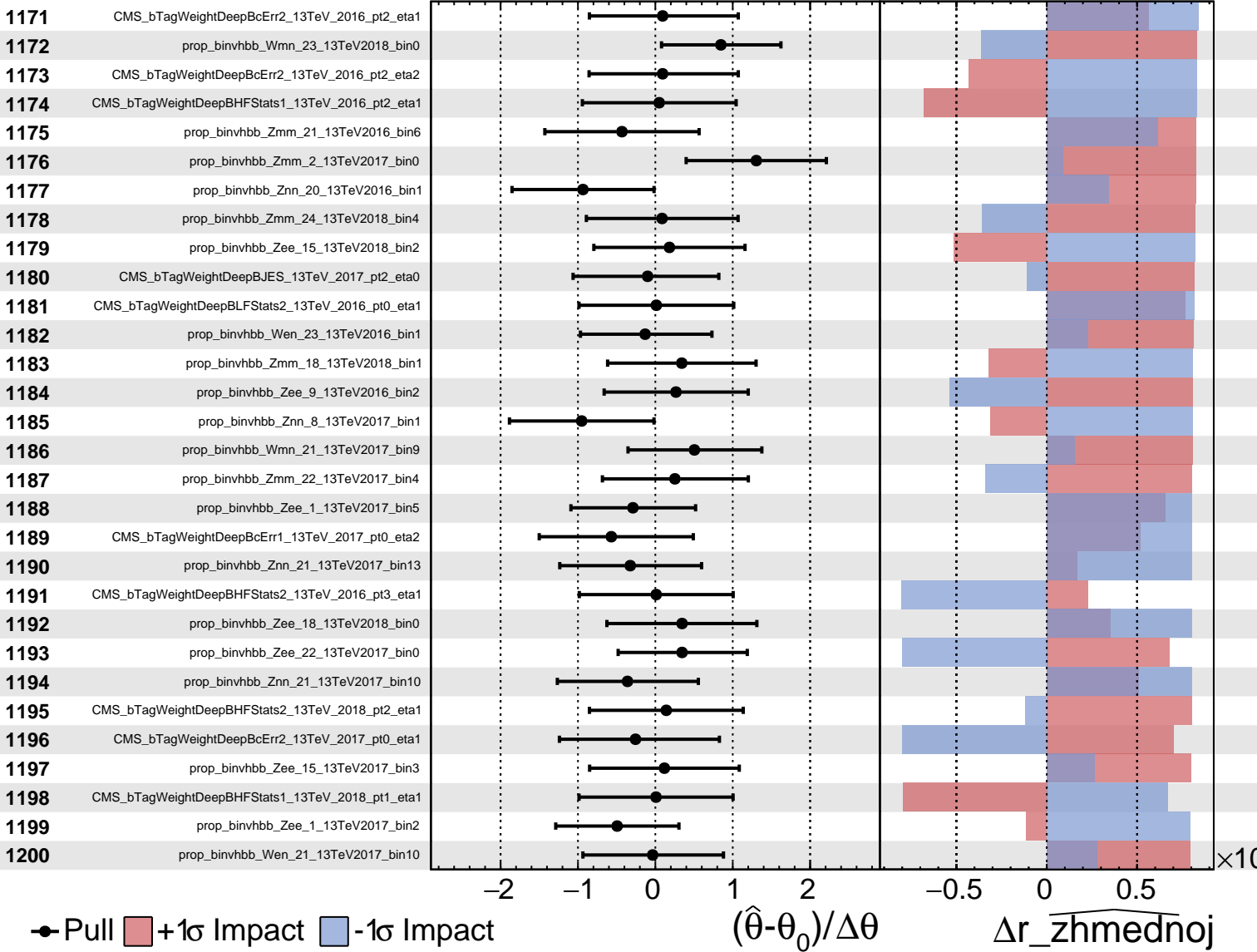
Unconstrained
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  Poisson
  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
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  Poisson
  AsymmetricGaussian

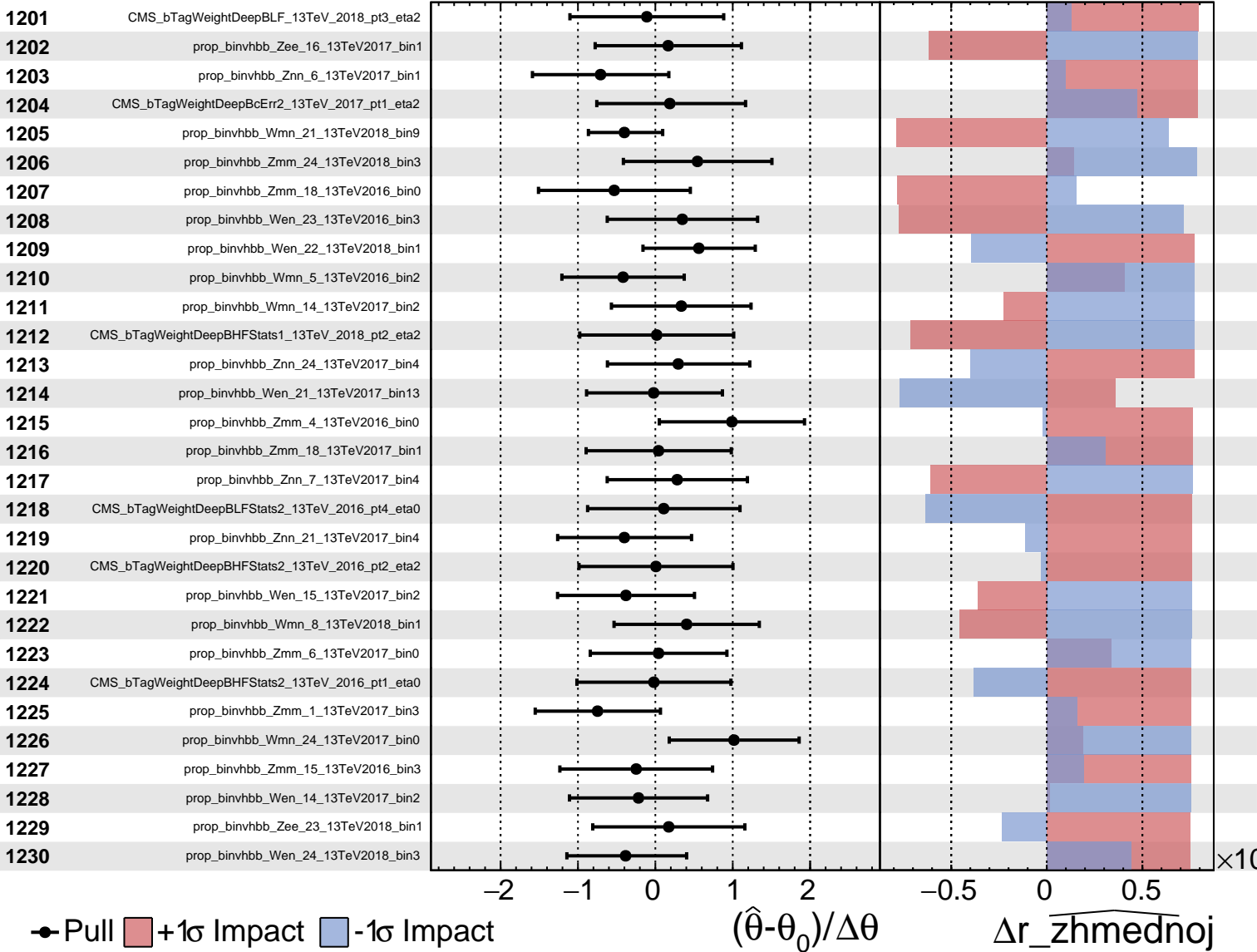
**CMS** *Internal*





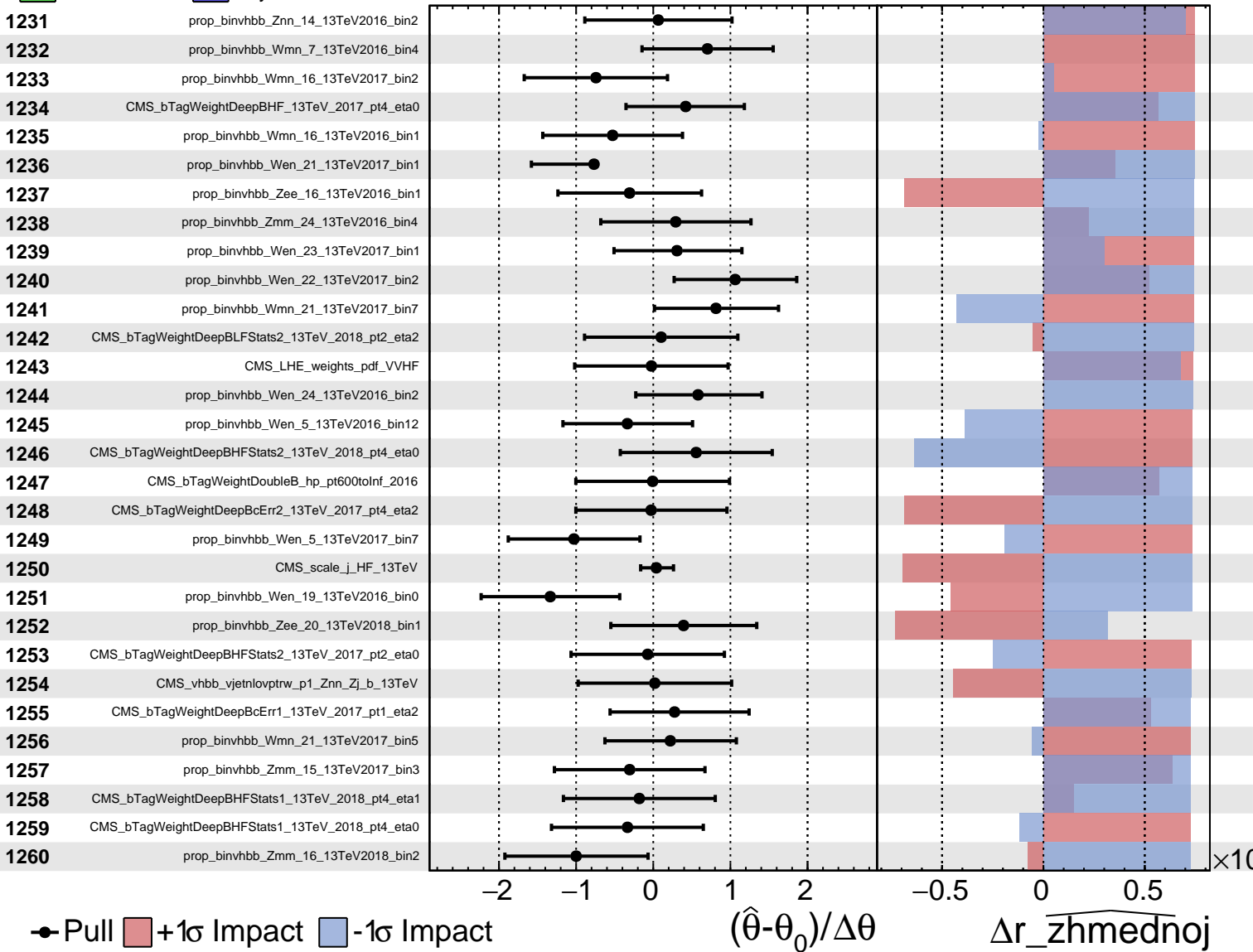
Unconstrained
  Gaussian
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**CMS** *Internal*



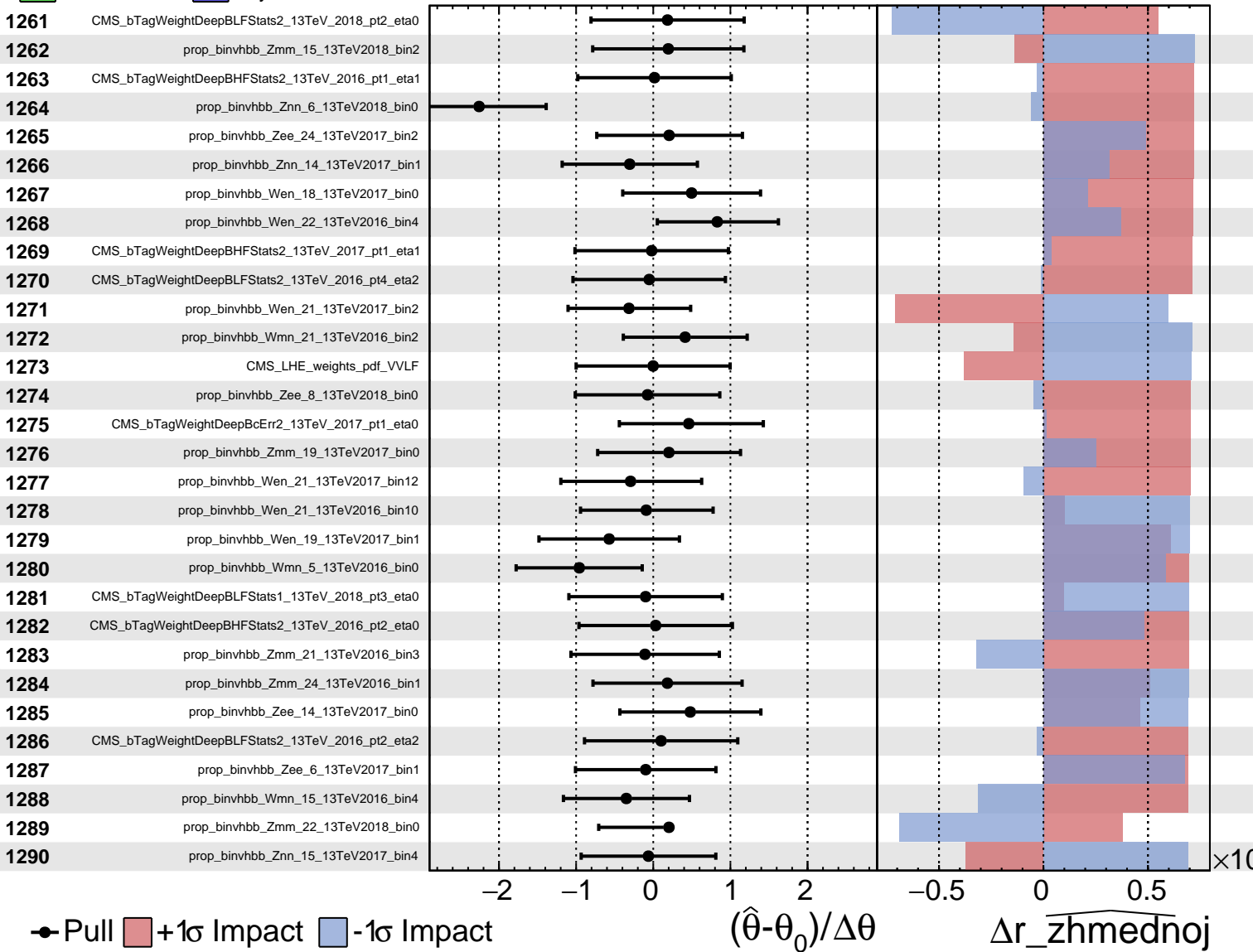
Unconstrained
  Gaussian
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**CMS** *Internal*



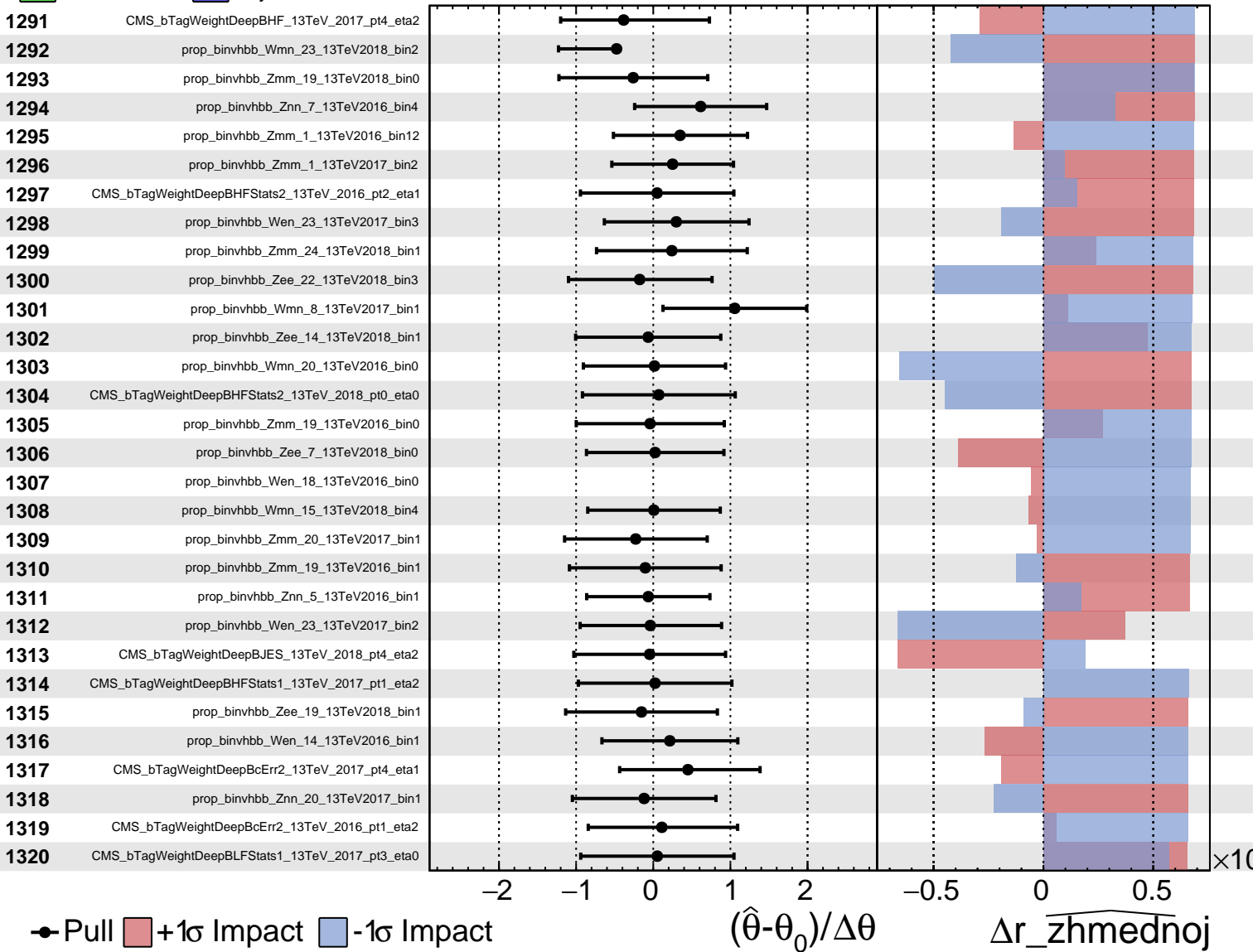
Unconstrained
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**CMS** *Internal*



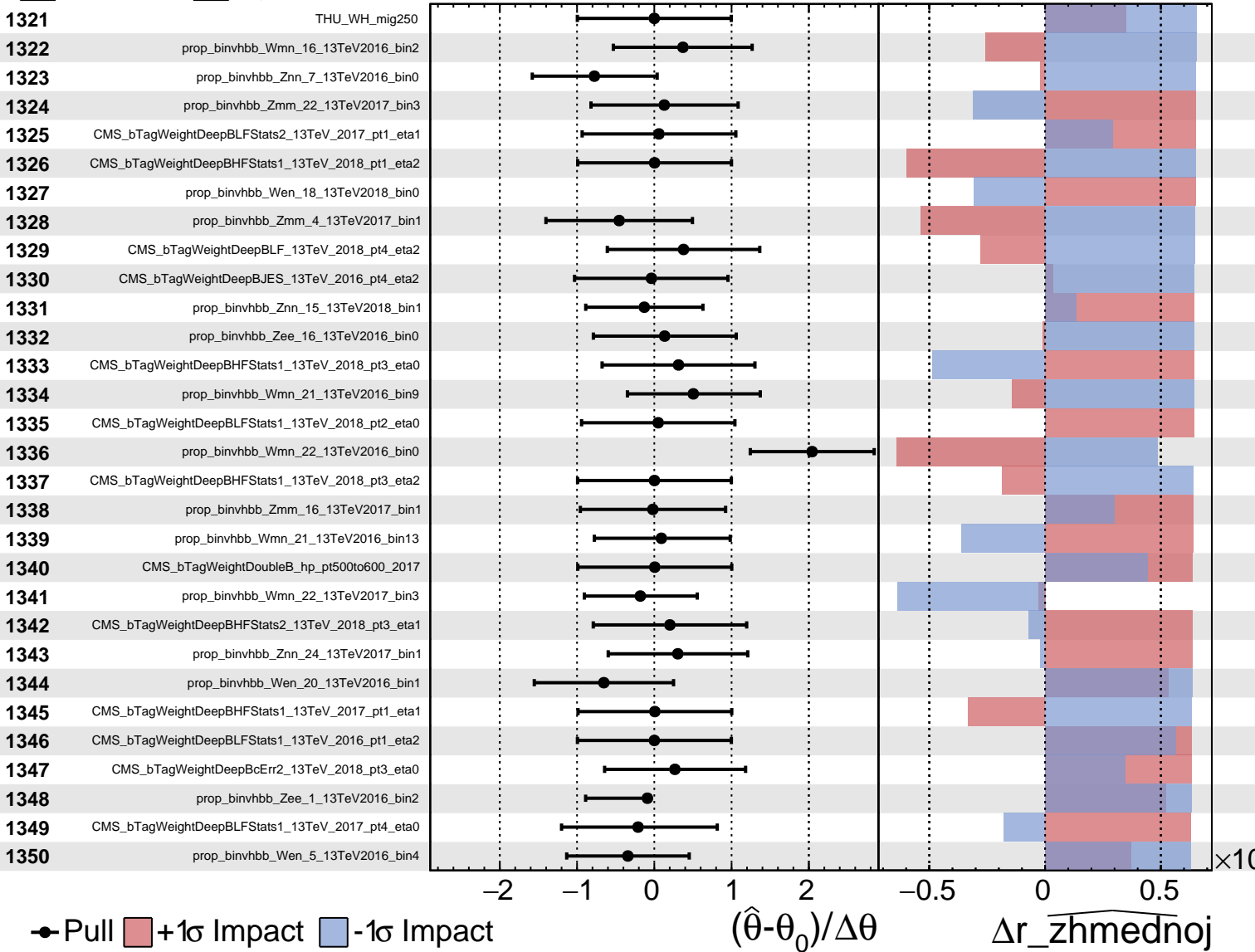
Unconstrained
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**CMS** *Internal*



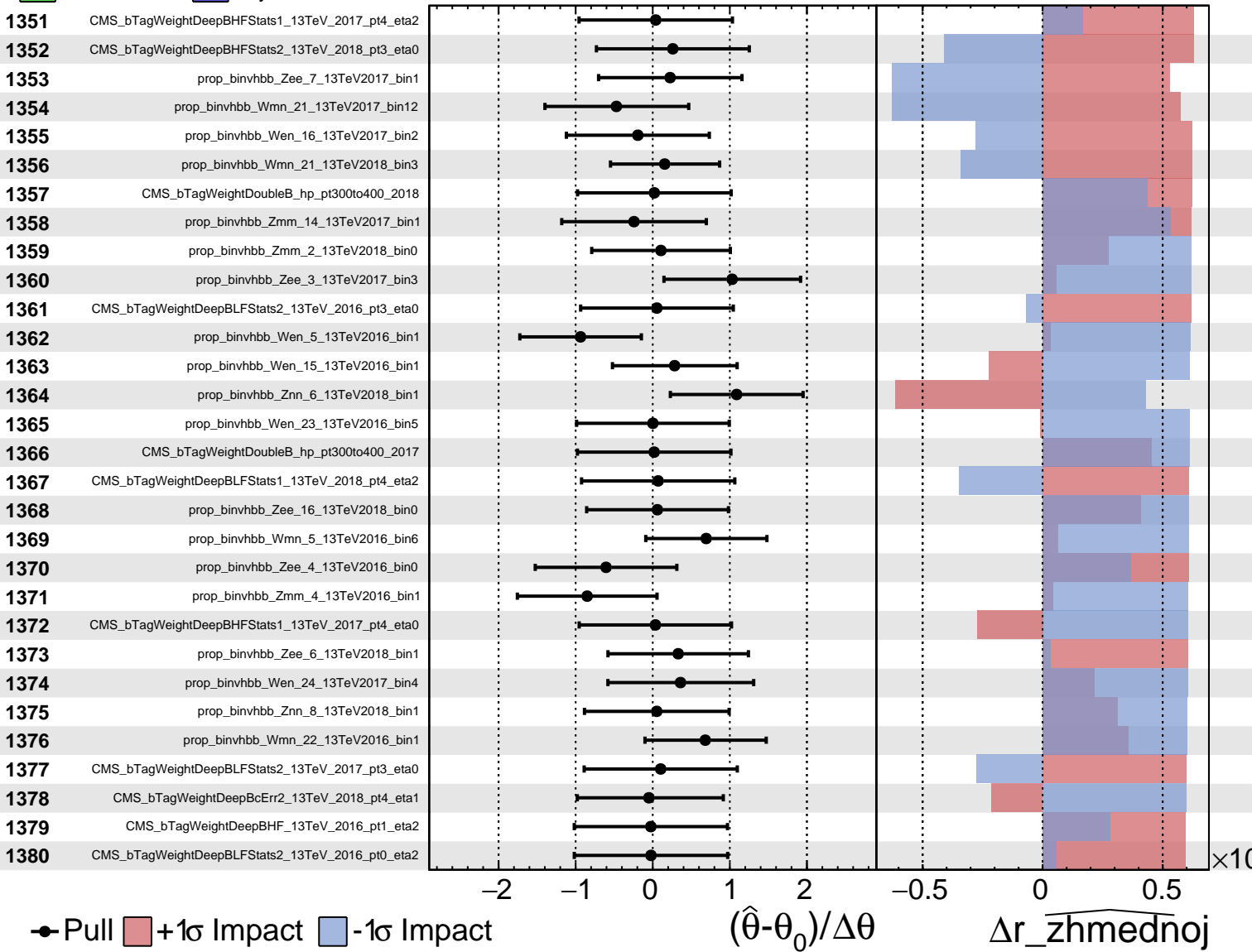
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  AsymmetricGaussian

**CMS** *Internal*



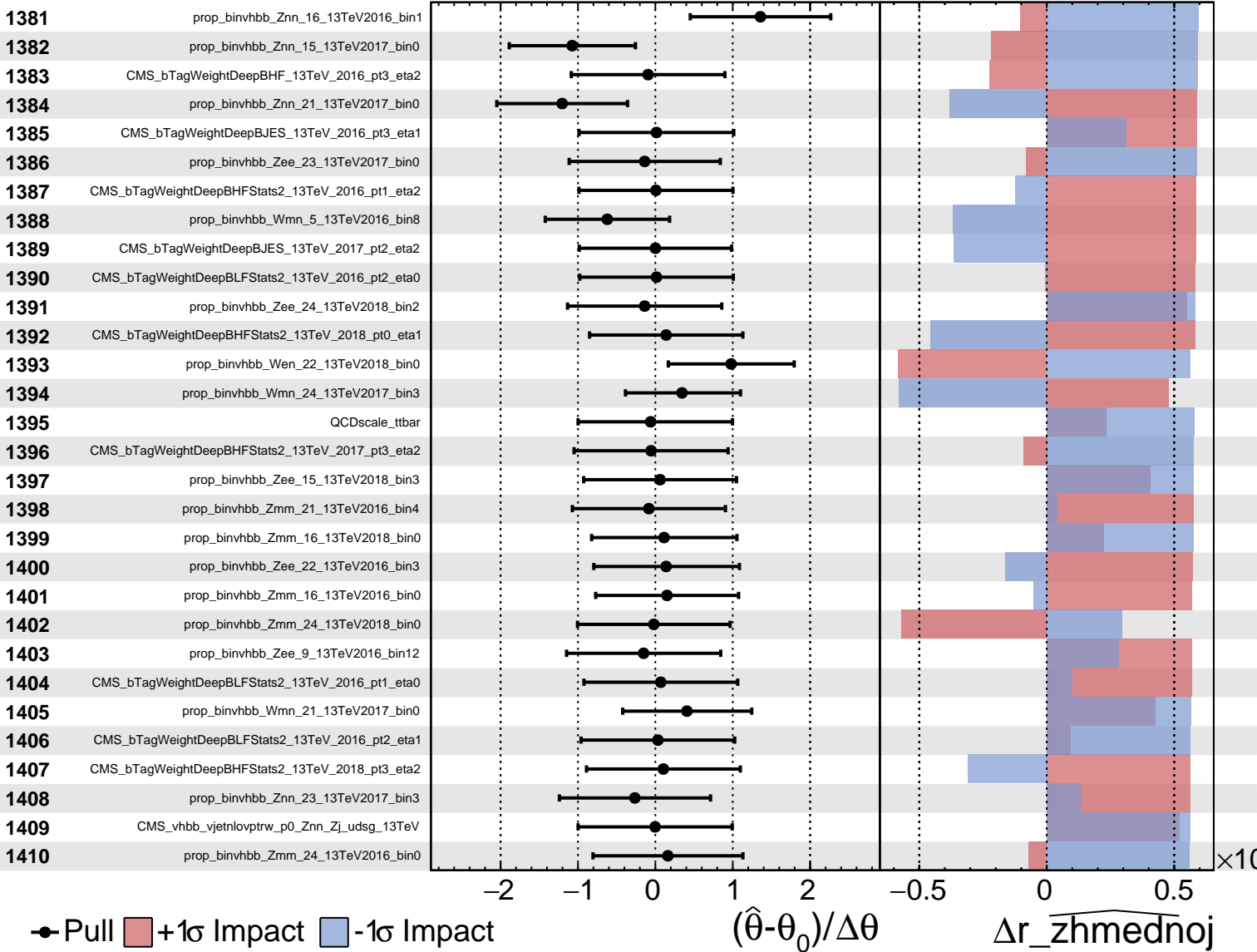
Unconstrained
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  Poisson
  AsymmetricGaussian

**CMS** *Internal*



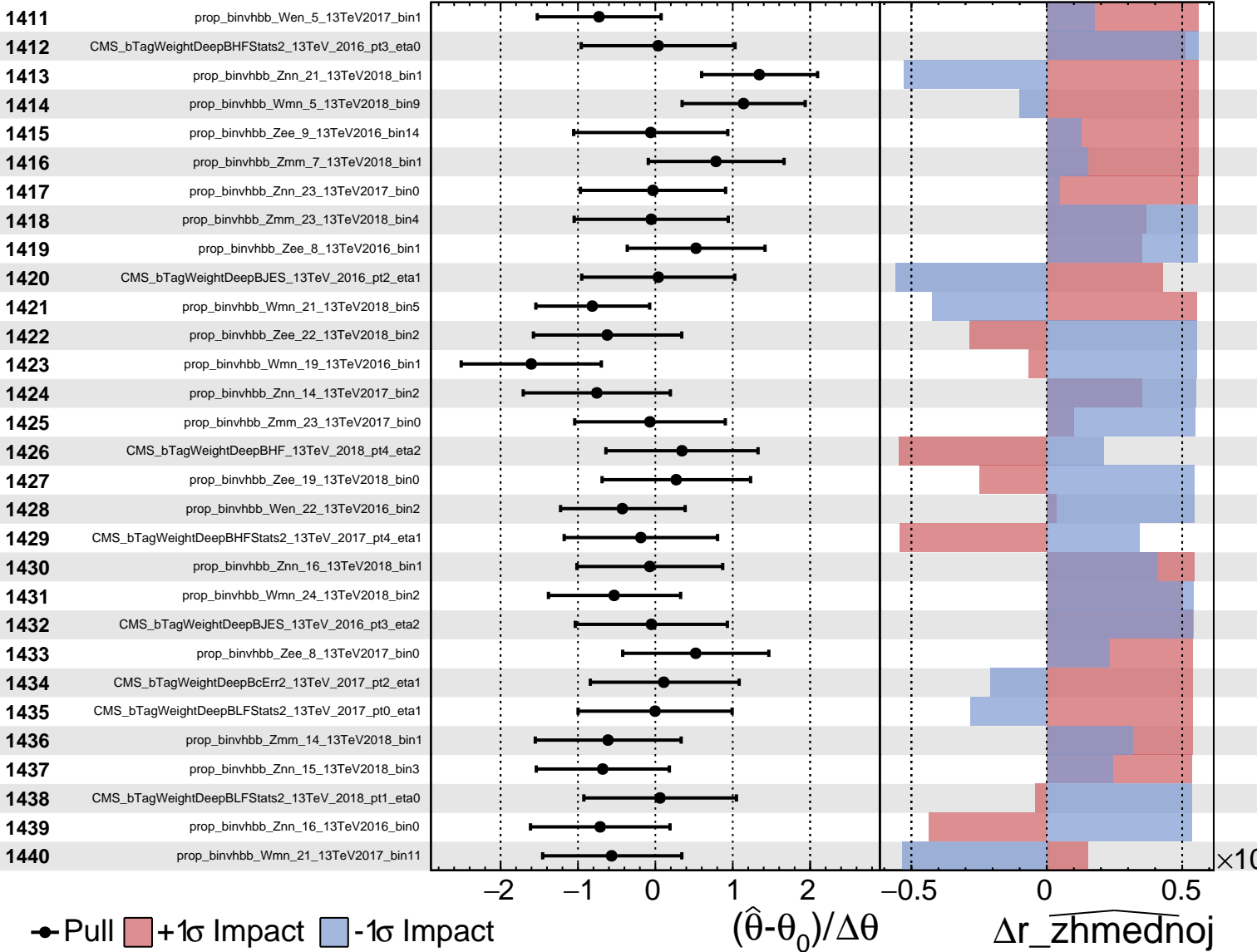
Unconstrained
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  Poisson
  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
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  Poisson
  AsymmetricGaussian

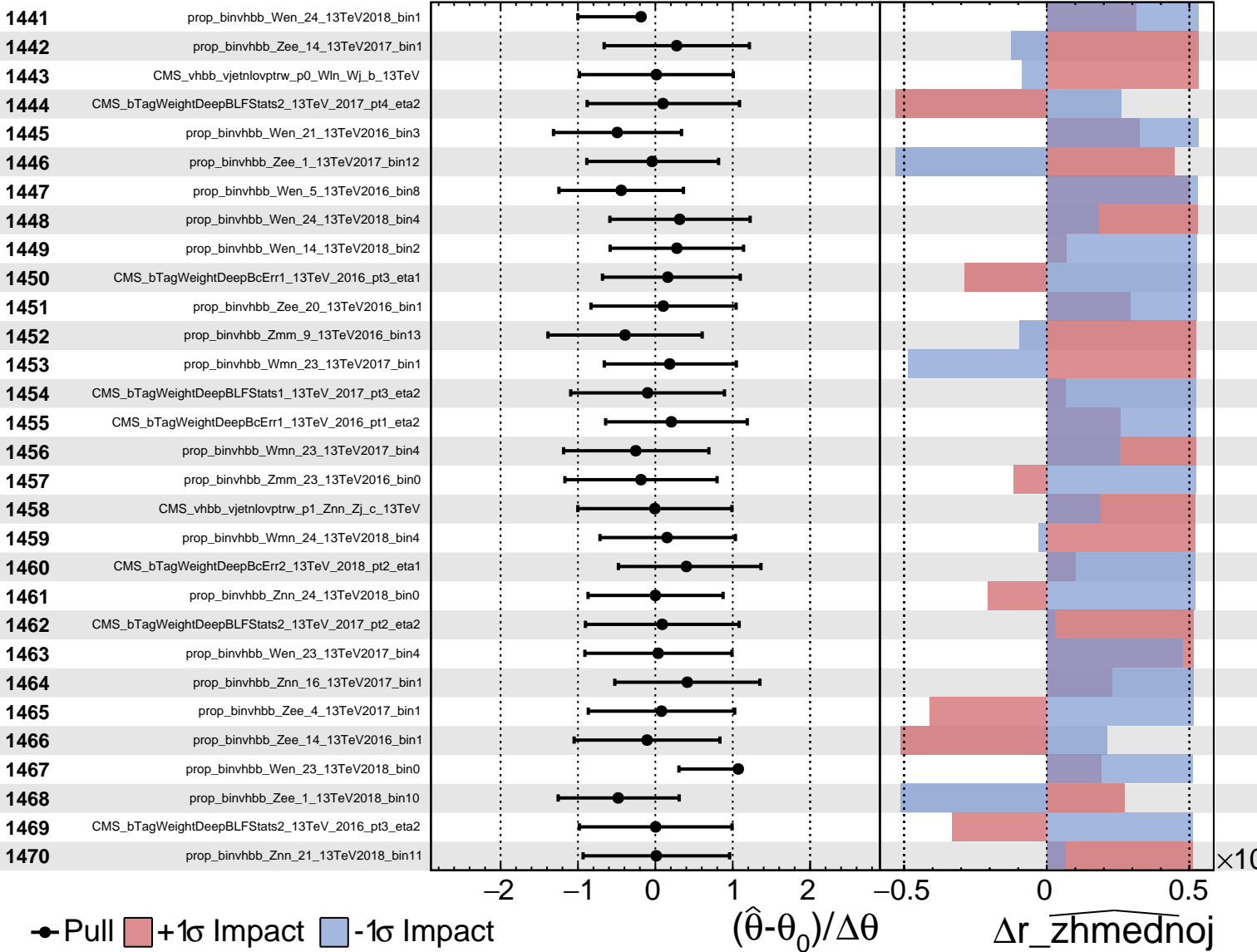
**CMS** *Internal*





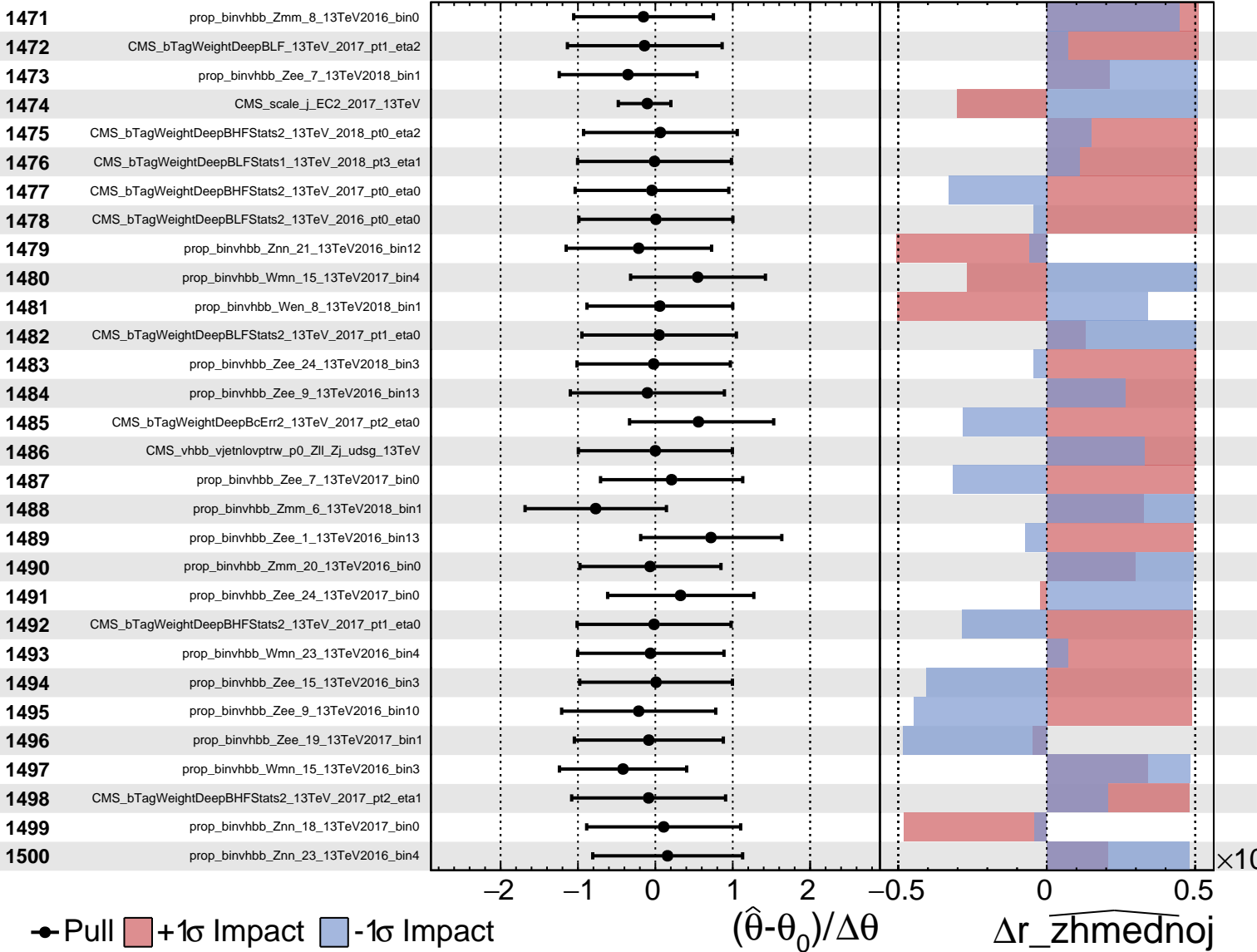
Unconstrained
  Gaussian
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  AsymmetricGaussian

**CMS** *Internal*



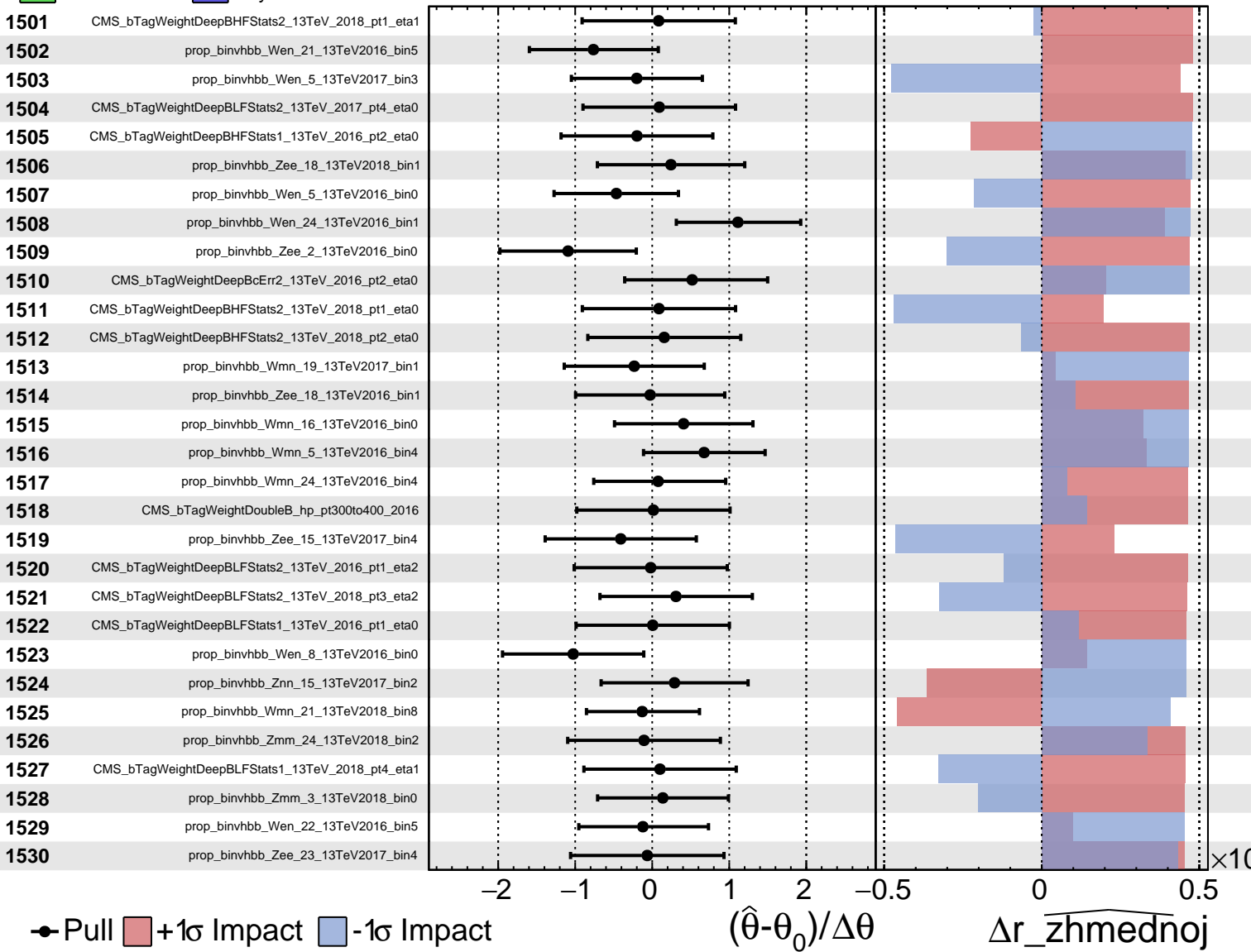
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**CMS** *Internal*



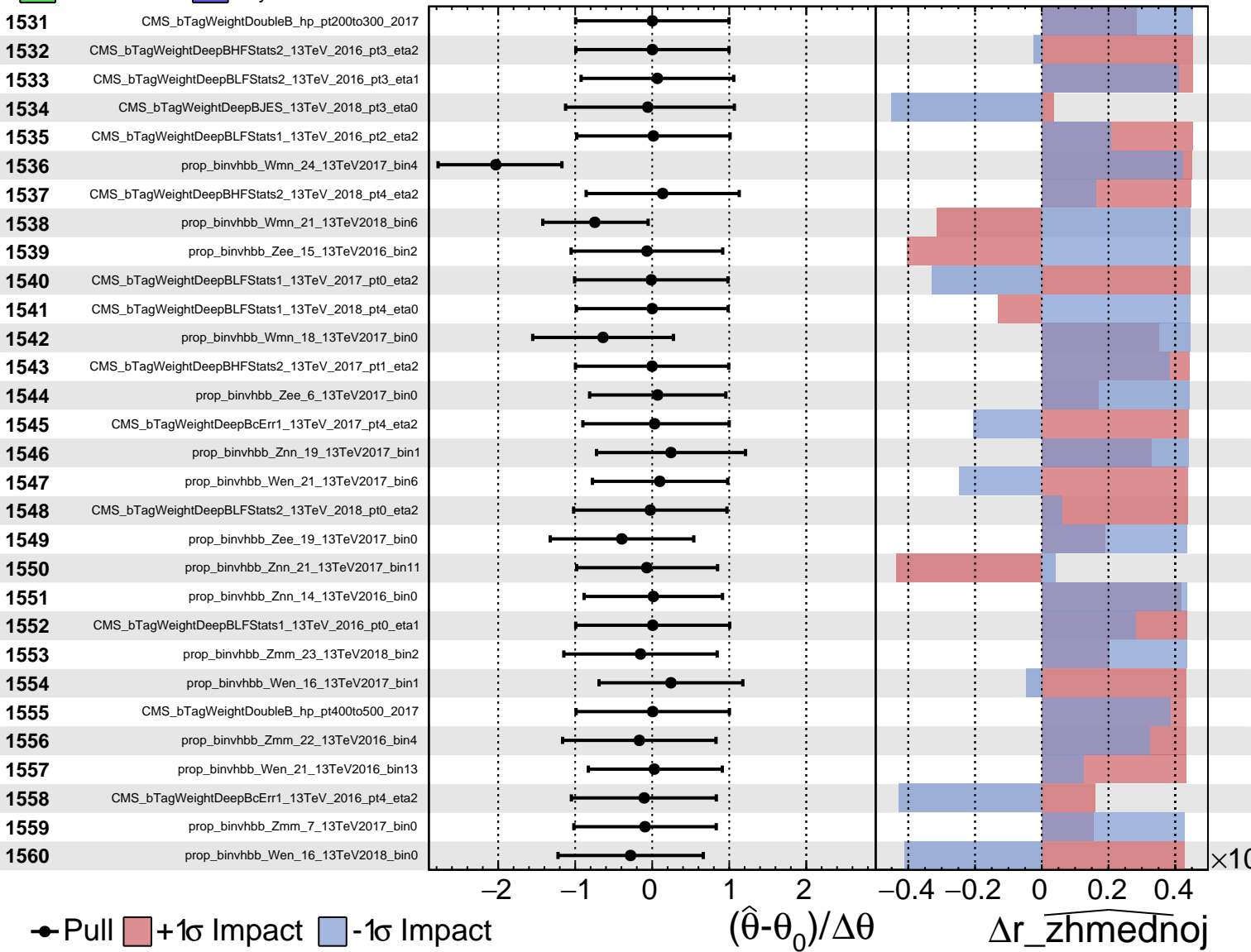
Unconstrained
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**CMS** *Internal*



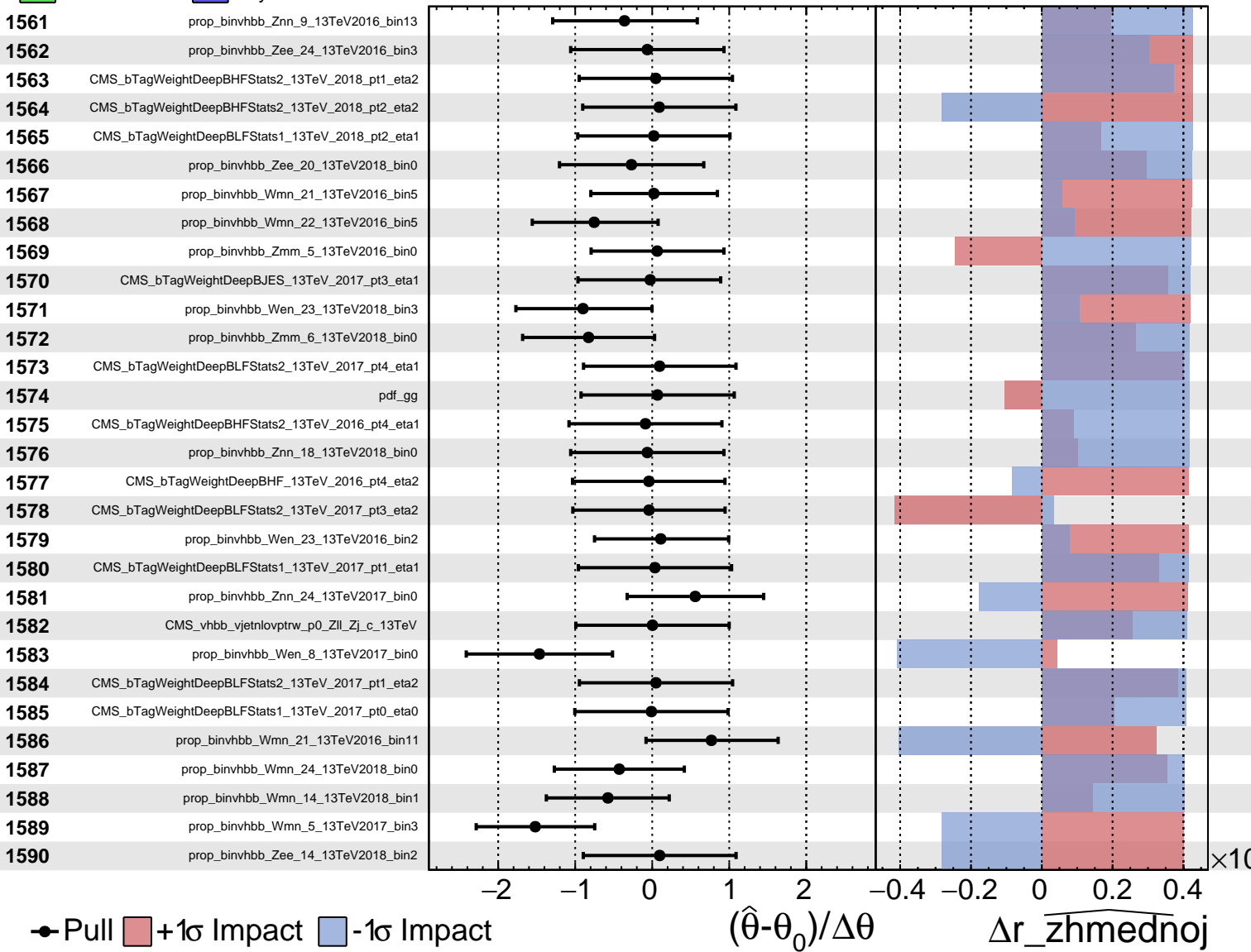
Unconstrained
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**CMS** *Internal*



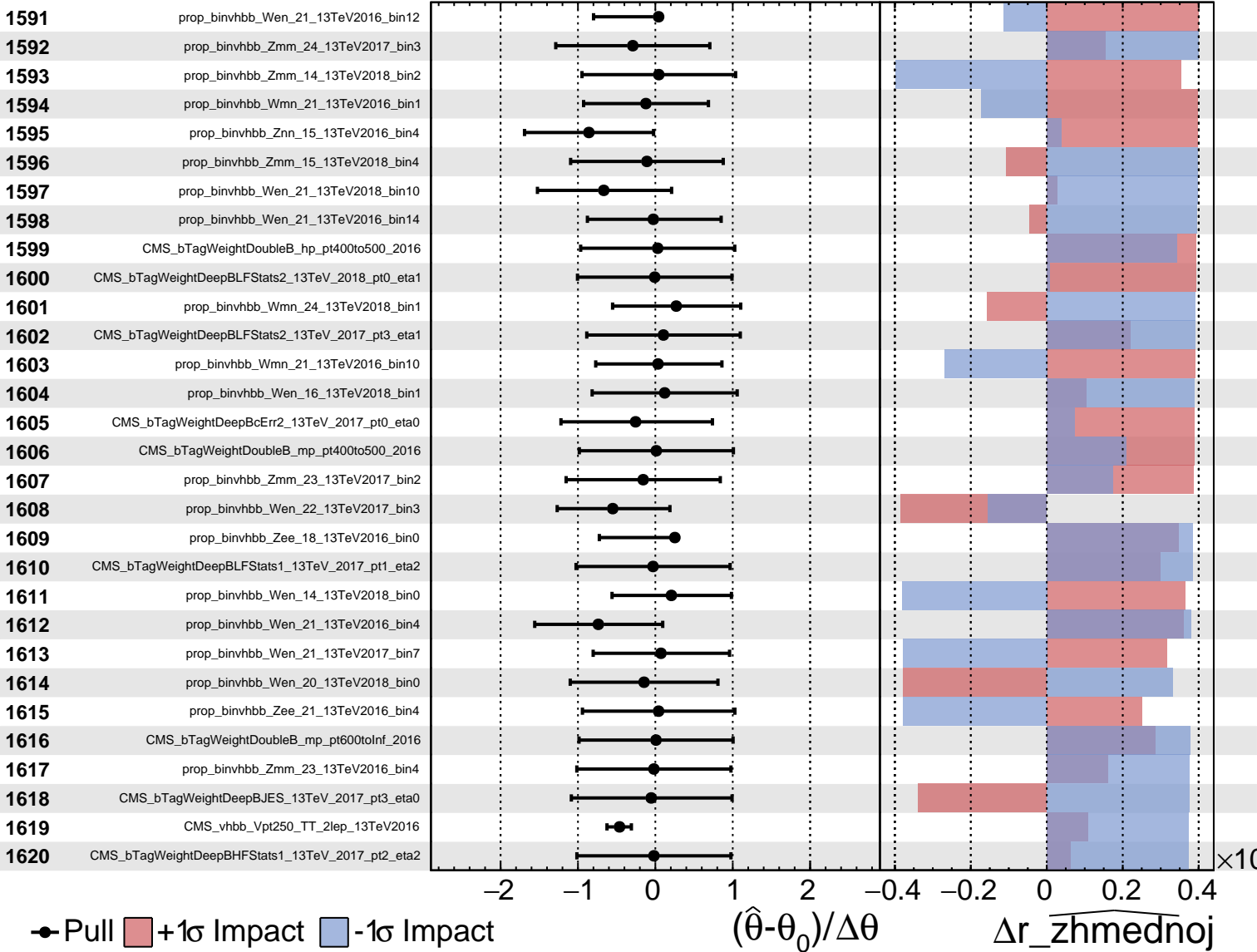
Unconstrained
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**CMS** *Internal*



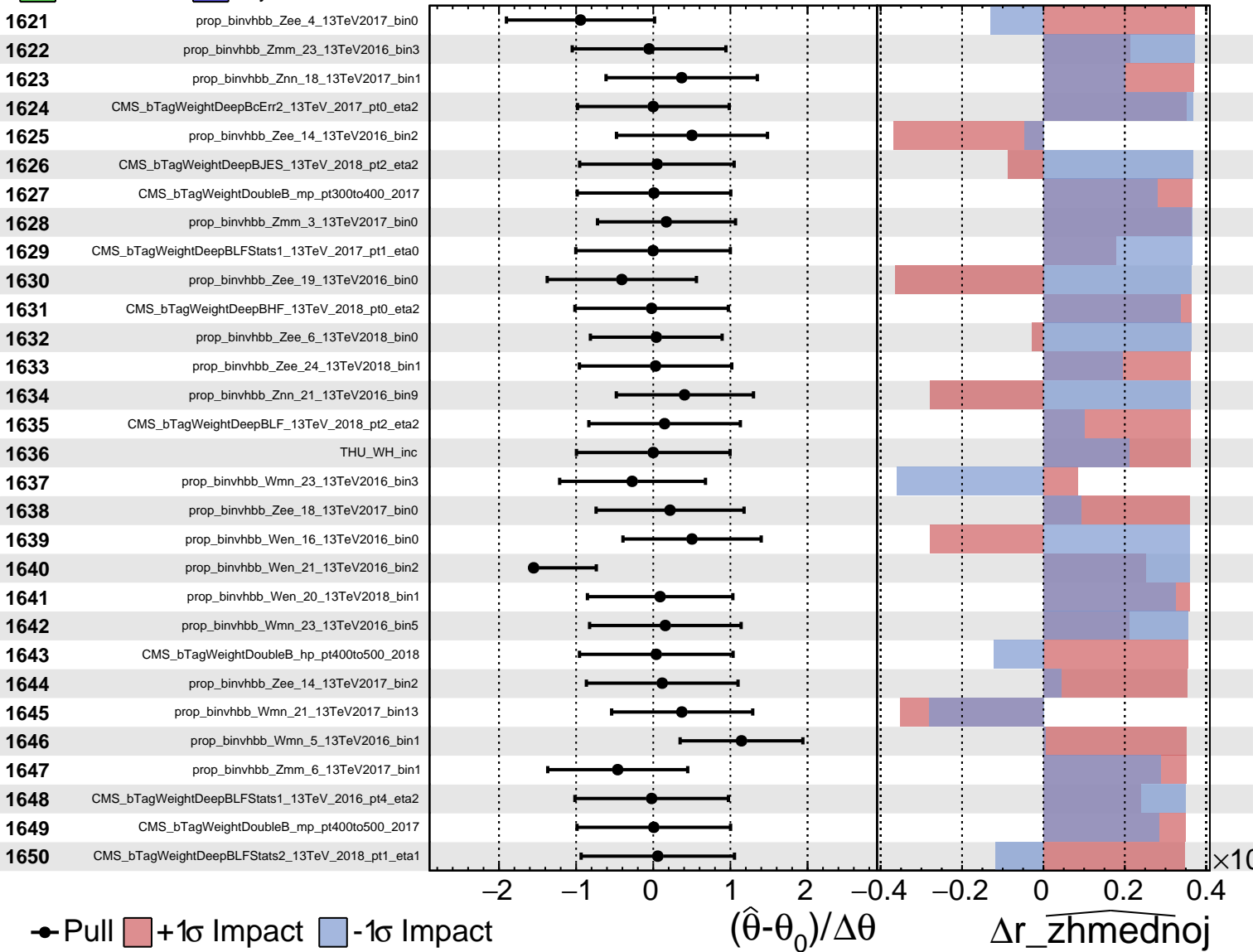
Unconstrained
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  AsymmetricGaussian

**CMS Internal**



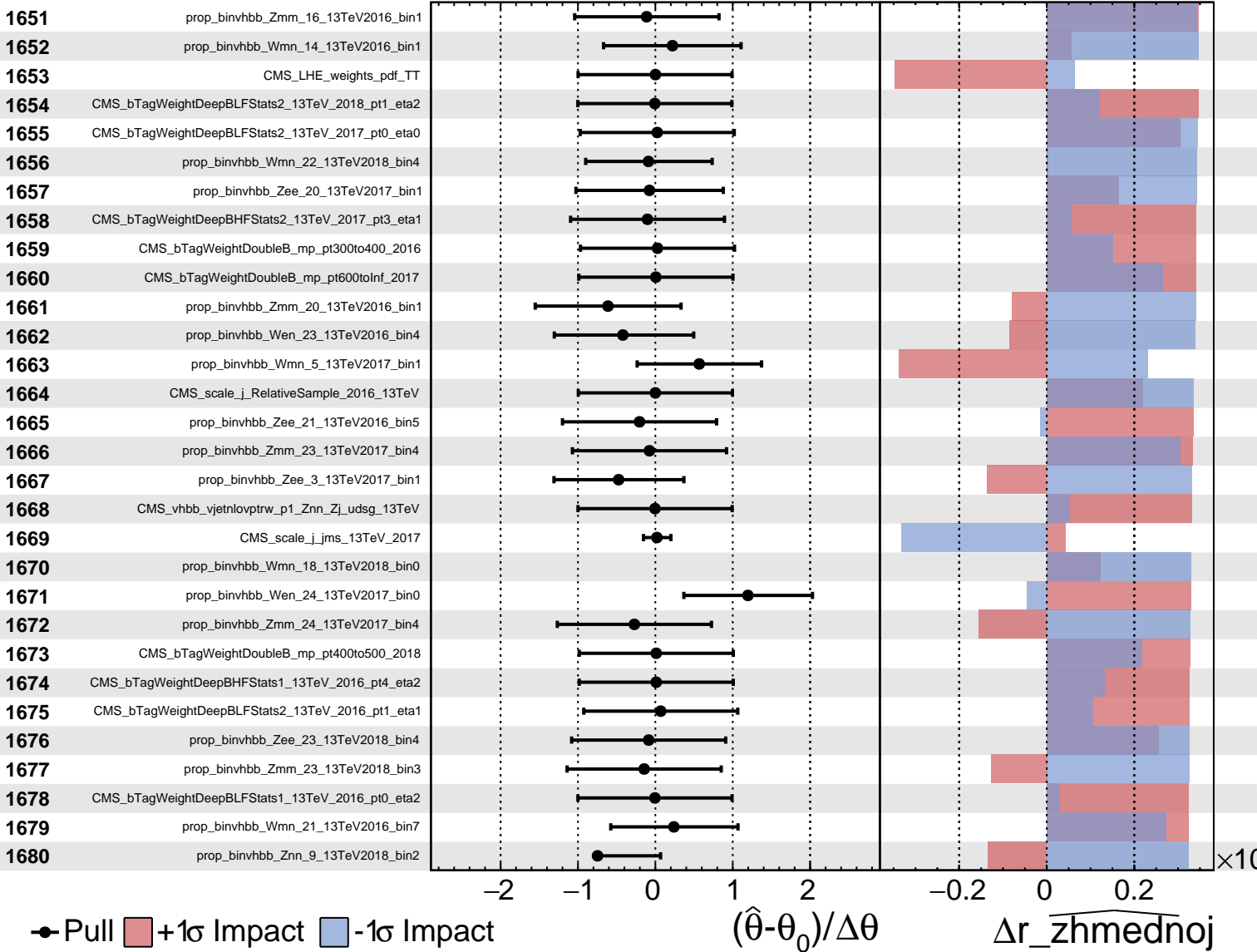
Unconstrained
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  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
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  Poisson
  AsymmetricGaussian

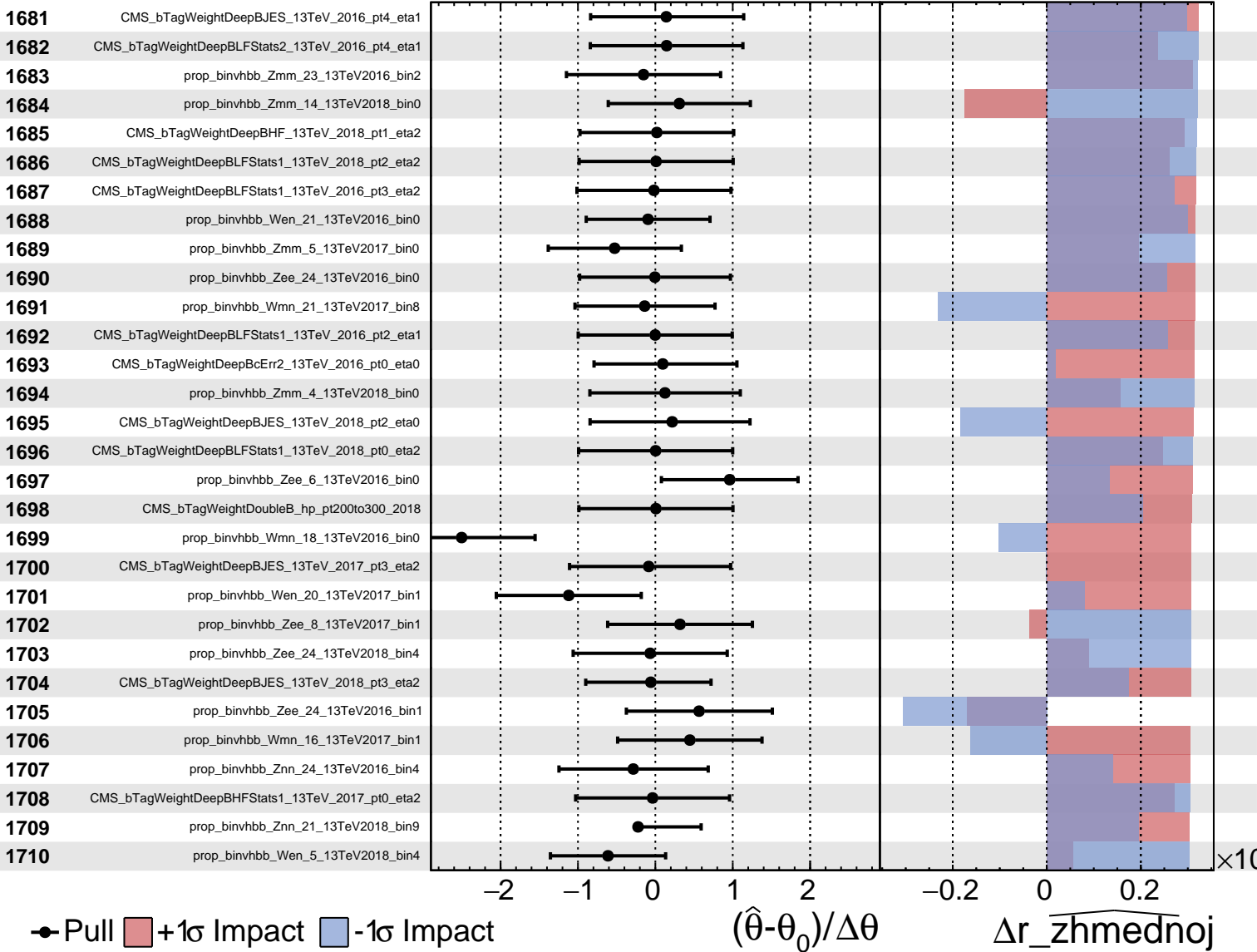
**CMS** *Internal*





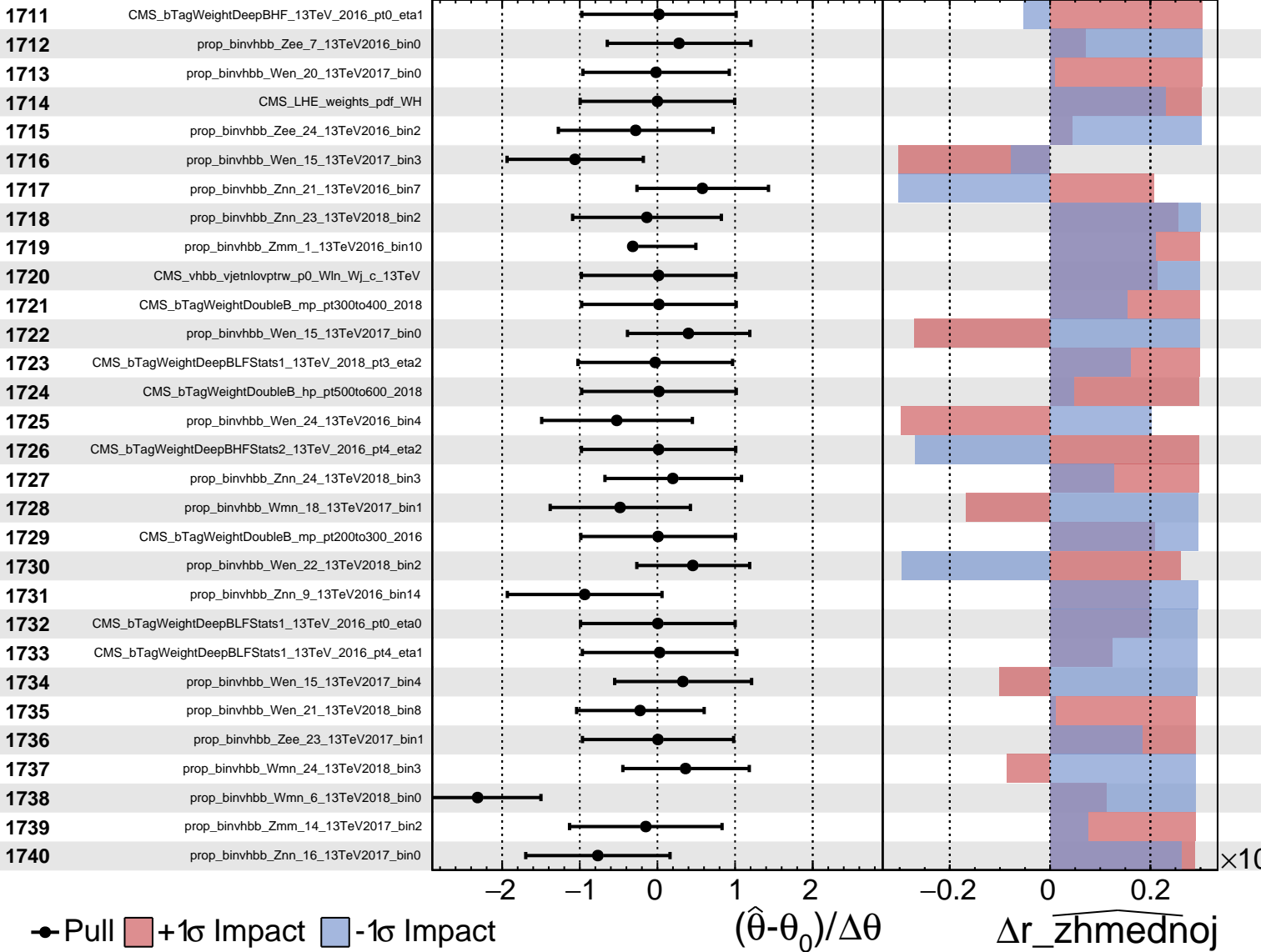
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**CMS** *Internal*



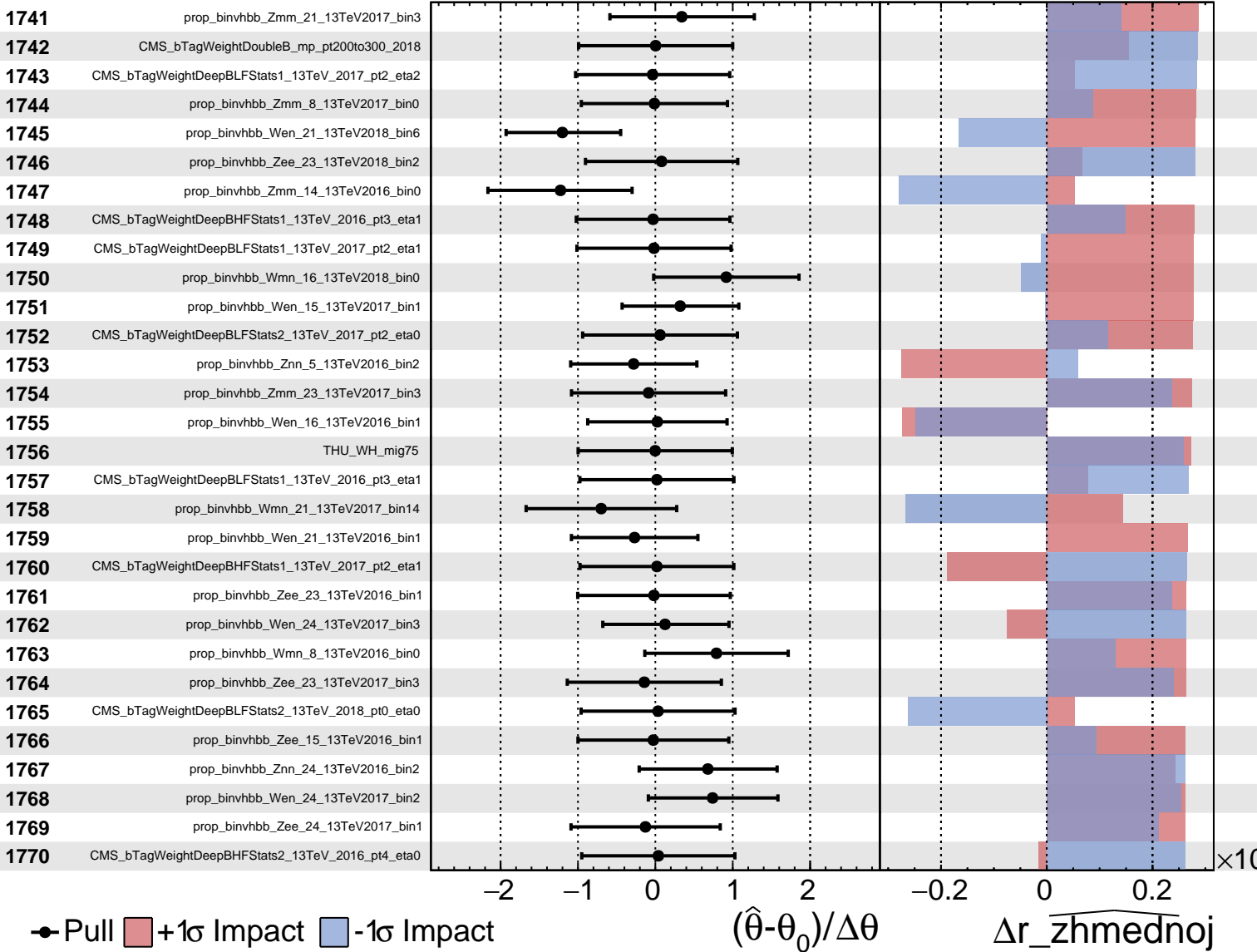
Unconstrained
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**CMS** *Internal*



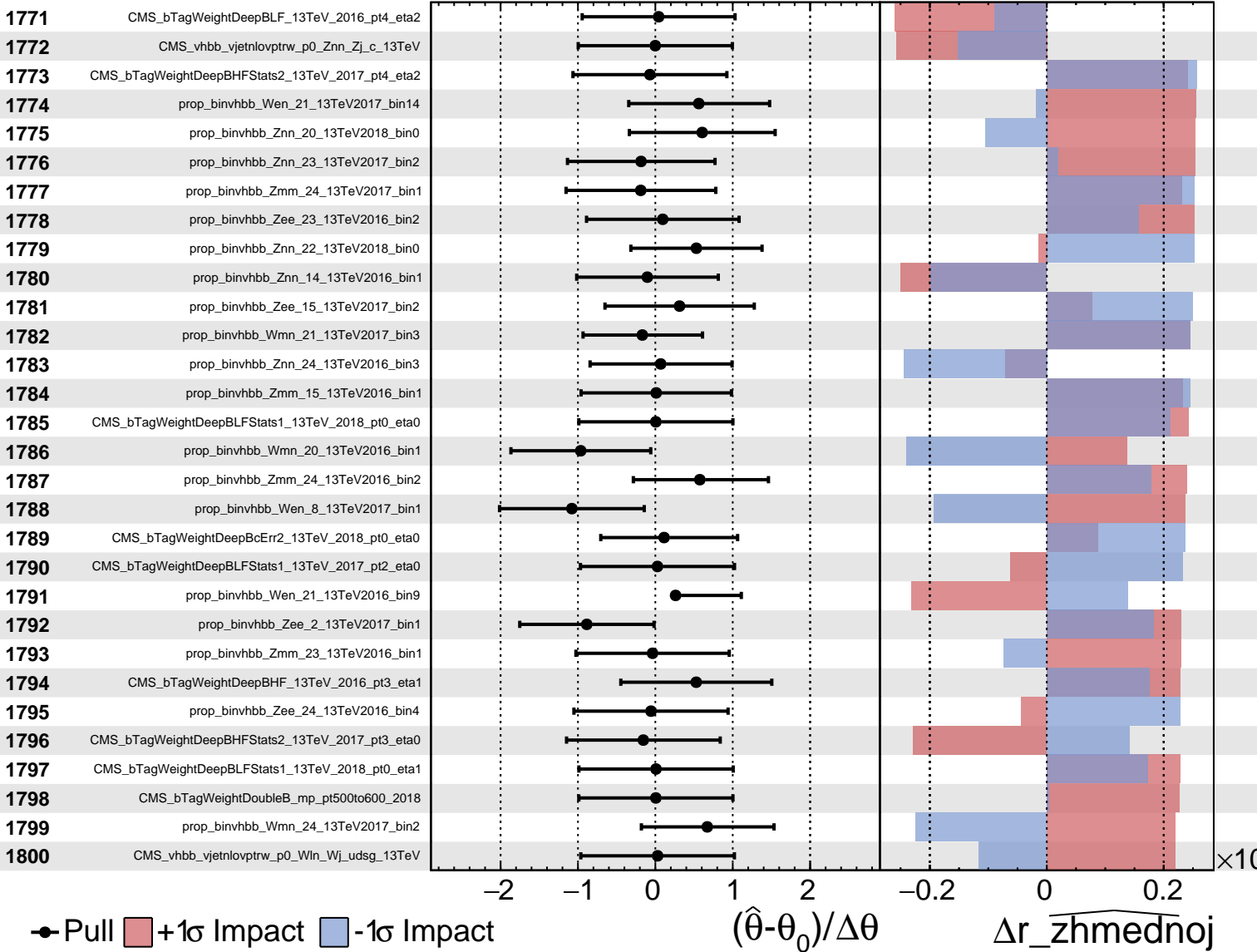
Unconstrained
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  Poisson
  AsymmetricGaussian

**CMS** *Internal*



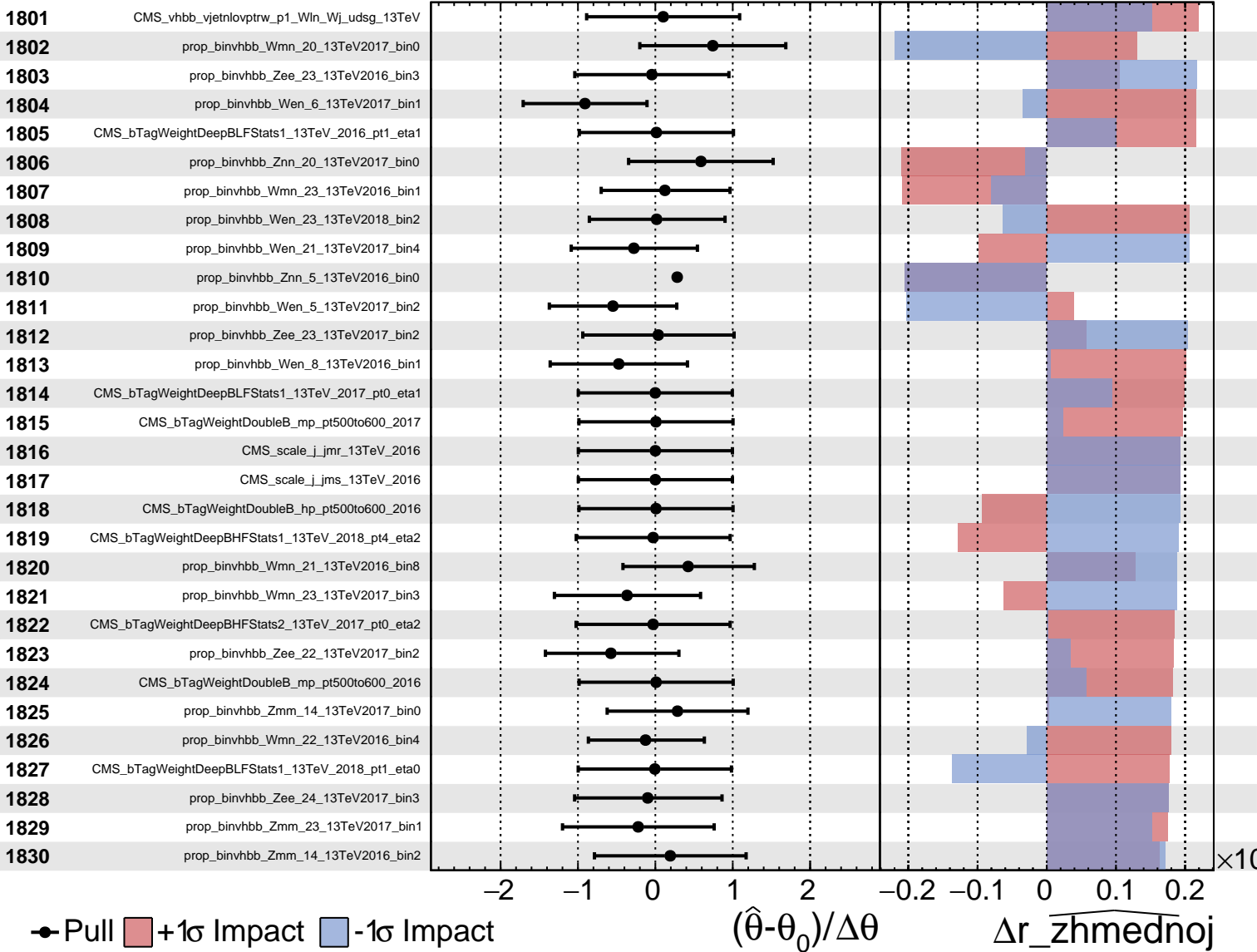
Unconstrained
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  Poisson
  AsymmetricGaussian

**CMS** *Internal*



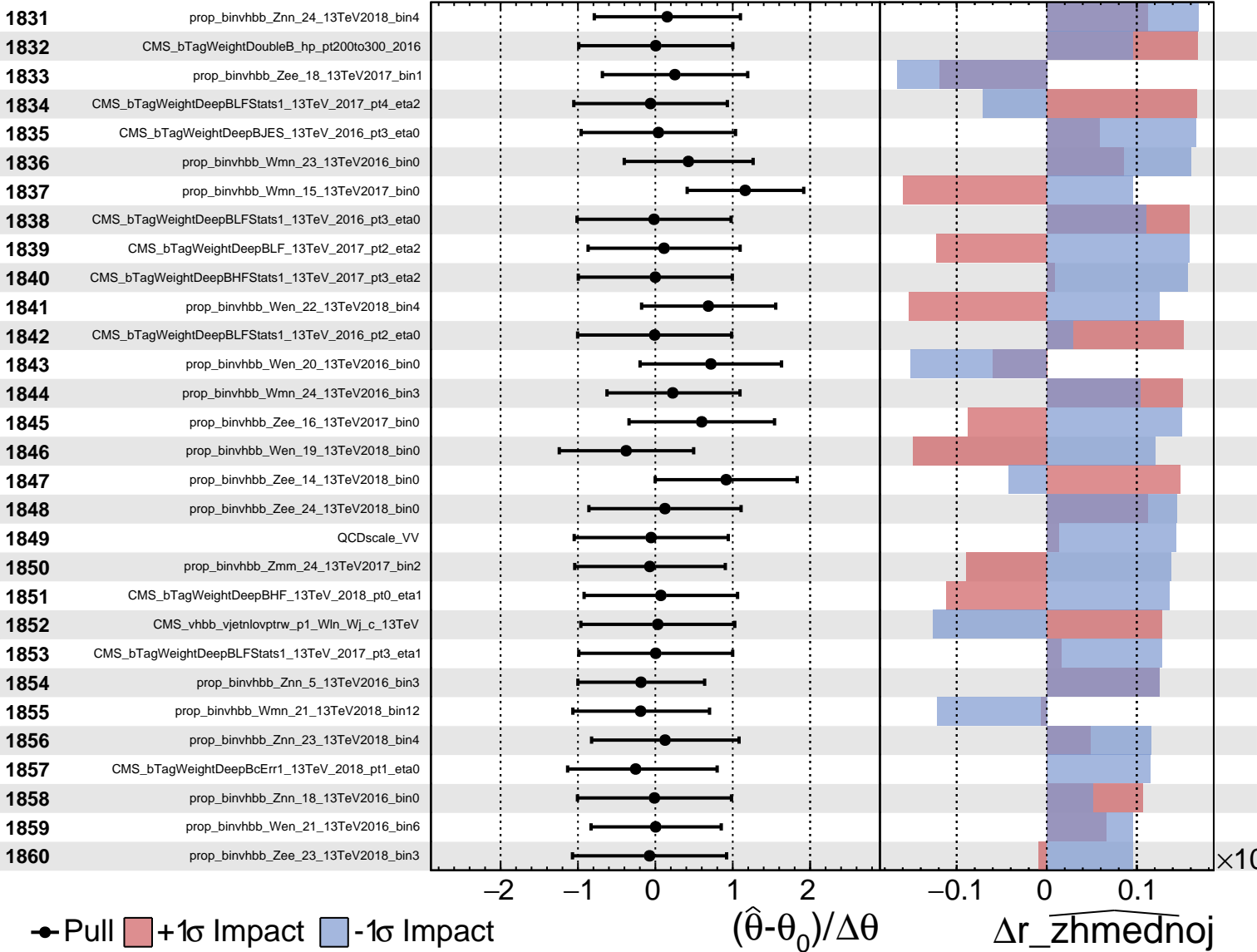
Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS** *Internal*

