SO11HosotaniDummyCase Failed-Global-Constr

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Statistics for SO11HosotaniDummyCase attributes. The following is for points that **Failed-Global-Constr** the constraints:

The following are the statistics for **Param** :

k(GeV) :

- The average value for k(GeV) is : 131578.42129991786
- Standard deviation for k(GeV) is : 63317.243920534405
- Minimum value for k(GeV) is : 29745.70897245925
- Maximum value for k(GeV) is : 523128.26238726394

z_L :

- The average value for z_L is : 35.70620006971989
- Standard deviation for z_L is : 3.768966744122469
- Minimum value for z_L is : 17.43649508024567
- Maximum value for z_L is : 51.226730749863854

c_0 :

- The average value for c_0 is : 0.2594396430297812
- Standard deviation for c_0 is : 0.11087437460619713
- Minimum value for c_0 is : 0.0038
- Maximum value for c_0 is : 0.6486000000000001

c_1 :

- The average value for c_1 is : 0.13092681240605342
- Standard deviation for c_1 is : 0.10968710143111243

- Minimum value for c_1 is : 0.00012500000000000705
- Maximum value for c_1 is : 0.6766512788619184

c_2 :

- The average value for c_2 is : -0.6818151985400223
- Standard deviation for c_2 is : 0.17010884471456683
- Minimum value for c_2 is : -1.2083085984
- Maximum value for c_2 is : -0.2005626374973603

c_0' :

- The average value for c_0' is : 0.5541615722855617
- Standard deviation for c_0' is : 0.08811827633189584
- Minimum value for c_0' is : 0.12614662911599314
- Maximum value for c_0' is : 0.74672244

μ_1 :

- The average value for μ_1 is : 15.450468379950179
- Standard deviation for μ_1 is : 4.305071310765819
- Minimum value for μ_1 is : 6.455597256463612
- Maximum value for μ_1 is : 48.493708002999824

μ_{11} :

- The average value for μ_{11} is : 0.27463356456170795
- Standard deviation for μ_{11} is : 0.14886039179823743
- Minimum value for μ_{11} is : 0.058031393209039286
- Maximum value for μ_{11} is : 1.975788793927787

μ_{11}' :

- The average value for μ_{11}' is : 0.3309685941848252
- Standard deviation for μ_{11}' is : 0.22155702677758765
- Minimum value for μ_{11}' is : 0.0724
- Maximum value for μ_{11}' is : 2.2649599043224953

$\tilde{\mu_2}$:

- The average value for $\tilde{\mu_2}$ is : 2.1614126132695595
- Standard deviation for $\tilde{\mu_2}$ is : 1.2224508711118018
- Minimum value for $\tilde{\mu_2}$ is : 0.28205967380986124
- Maximum value for $\tilde{\mu_2}$ is : 9.44110403644189

The following are the statistics for **Attr** :

m_H(GeV) :

- The average value for m_H(GeV) is : 122.84305475244341
- Standard deviation for m_H(GeV) is : 13.908945779152598
- Minimum value for m_H(GeV) is : 86.79643281789266
- Maximum value for m_H(GeV) is : 161.3841028130086

m_{ψ_D}(GeV) :

- The average value for m_{ψ_D}(GeV) is : 2734.574941233768
- Standard deviation for m_{ψ_D}(GeV) is : 1152.5425238706273
- Minimum value for m_{ψ_D}(GeV) is : 694.1733143694274
- Maximum value for m_{ψ_D}(GeV) is : 8729.66552372864

m_τ(GeV) :

- The average value for m_τ(GeV) is : 1.7769140679072315
- Standard deviation for m_τ(GeV) is : 0.18247444573836716
- Minimum value for m_τ(GeV) is : 1.2626331172704428
- Maximum value for m_τ(GeV) is : 2.3080171899966304

$m_\tau^{(1)}$(GeV) :

- The average value for $m_\tau^{(1)}$(GeV) is : 1314.4519057039674
- Standard deviation for $m_\tau^{(1)}$(GeV) is : 769.7172127942016
- Minimum value for $m_\tau^{(1)}$(GeV) is : 561.3914538370027
- Maximum value for $m_\tau^{(1)}$(GeV) is : 7999.4966096127

$m_\nu(eV)$:

- The average value for $m_\nu(eV)$ is : 0.08466320694690924

- Standard deviation for $m_\nu(eV)$ is : 0.05824352936517575
- Minimum value for $m_\nu(eV)$ is : 0.010304181831299724
- Maximum value for $m_\nu(eV)$ is : 0.5395087140150365

m_b(GeV) :

- The average value for m_b(GeV) is : 4.154620086446668
- Standard deviation for m_b(GeV) is : 0.32841299321266565
- Minimum value for m_b(GeV) is : 2.546837301042742
- Maximum value for m_b(GeV) is : 5.766921175956056

$m_b^{(1)}$(GeV) :

- The average value for $m_b^{(1)}$(GeV) is : 4064.5677770533375
- Standard deviation for $m_b^{(1)}$(GeV) is : 2013.1124820856567
- Minimum value for $m_b^{(1)}$(GeV) is : 713.1222160799807
- Maximum value for $m_b^{(1)}$(GeV) is : 15695.89257173306

m_t(GeV) :

- The average value for m_t(GeV) is : 175.51617266257458
- Standard deviation for m_t(GeV) is : 15.376791636387408
- Minimum value for m_t(GeV) is : 116.2851872676181
- Maximum value for m_t(GeV) is : 221.34674119746327

$\langle\theta_H\rangle$(rad) :

- The average value for $\langle\theta_H\rangle$(rad) is : 0.12697540754755748
- Standard deviation for $\langle\theta_H\rangle$(rad) is : 0.06867992436284016
- Minimum value for $\langle\theta_H\rangle$(rad) is : 0.026101363074784726
- Maximum value for $\langle\theta_H\rangle$(rad) is : 0.43033189033086183

m_Z(GeV) :

- The average value for m_Z(GeV) is : 89.27350639451191
- Standard deviation for m_Z(GeV) is : 6.874347593975904
- Minimum value for m_Z(GeV) is : 66.47008184588033
- Maximum value for m_Z(GeV) is : 111.28154325481512

$m_{W^{\pm}}$(GeV) :

- The average value for $m_{W^{\pm}}$(GeV) is : 78.27611817230638
- Standard deviation for $m_{W^{\pm}}$(GeV) is : 6.027513271917899
- Minimum value for $m_{W^{\pm}}$(GeV) is : 58.28179256786604
- Maximum value for $m_{W^{\pm}}$(GeV) is : 97.57303798191603

$m_{Z'}$(GeV) :

- The average value for $m_{Z'}$(GeV) is : 13664.293600690915
- Standard deviation for $m_{Z'}$(GeV) is : 6532.468539299777
- Minimum value for $m_{Z'}$(GeV) is : 3140.2627514624337
- Maximum value for $m_{Z'}$(GeV) is : 52363.544933920304

T :

- The average value for T is : 0.0
- Standard deviation for T is : 0.0
- Minimum value for T is : 0
- Maximum value for T is : 0

y_t :

- The average value for y_t is : 0.9810482112362959
- Standard deviation for y_t is : 0.013373492752483429
- Minimum value for y_t is : 0.9009470970050025
- Maximum value for y_t is : 0.9909915464253298

τ_H :

- The average value for τ_H is : 28.570658174713376
- Standard deviation for τ_H is : 8.262779198087452
- Minimum value for τ_H is : 11.672665243464348
- Maximum value for τ_H is : 55.155977856324014

$\sigma(hh)(fb)$:

- The average value for $\sigma(hh)(fb)$ is : 17.914329147320533
- Standard deviation for $\sigma(hh)(fb)$ is : 6.348018422792772

- Minimum value for $\sigma(hh)(fb)$ is : 4.647728334312532
- Maximum value for $\sigma(hh)(fb)$ is : 55.652538431163144

Δ_{HH} :

- The average value for Δ_{HH} is : 0.12242119934844437
- Standard deviation for Δ_{HH} is : 0.040461698414371104
- Minimum value for Δ_{HH} is : 0.033834985074388126
- Maximum value for Δ_{HH} is : 0.37471161486103505

The following are the statistics for **Calc** :

χ^2_G :

- The average value for χ^2_G is : 391.3325572836604
- Standard deviation for χ^2_G is : 258.853816629113
- Minimum value for χ^2_G is : 20.758817868524343
- Maximum value for χ^2_G is : 999.9465022756867

$\Lambda_{\rm Max}$(GeV) :

- The average value for $\Lambda_{\rm Max}$(GeV) is : 3003529.19677763
- Standard deviation for $\Lambda_{\rm Max}$(GeV) is : 1533273.0566604766
- Minimum value for $\Lambda_{\rm Max}$(GeV) is : 621116.7055788347
- Maximum value for $\Lambda_{\rm Max}$(GeV) is : 12703128.397101697

$\sin^2\theta_W(\Lambda_{\rm Max})$:

- The average value for $\sin^2\theta_W(\Lambda_{\rm Max})$ is : 0.2734561596015291
- Standard deviation for $\sin^2\theta_W(\Lambda_{\rm Max})$ is : 0.003606327447477997
- Minimum value for $\sin^2\theta_W(\Lambda_{\rm Max})$ is : 0.2633130663554056
- Maximum value for $\sin^2\theta_W(\Lambda_{\rm Max})$ is : 0.28418793088484634

$\sin^2\theta_W(M_{\rm KK_5})$:

- The average value for $\sin^2\theta_W(M_{\rm KK_5})$ is : 0.25415026900658927
- Standard deviation for $\sin^2\theta_W(M_{\rm KK_5})$ is : 0.002805189528835513
- Minimum value for $\sin^2\theta_W(M_{\rm KK_5})$ is : 0.2461411009869891

- Maximum value for $\sin^2\theta_W(M_{\mathrm{KK}_5})$ is : 0.26277882124202095

$(\alpha)_{1Y}^{-1}$:

- The average value for $(\alpha)_{1Y}^{-1}$ is : 54.85575810511871
- Standard deviation for $(\alpha)_{1Y}^{-1}$ is : 0.4007551132258798
- Minimum value for $(\alpha)_{1Y}^{-1}$ is : 53.68906787969083
- Maximum value for $(\alpha)_{1Y}^{-1}$ is : 55.905853316046795

$(\alpha)_{2L}^{-1}$:

- The average value for $(\alpha)_{2L}^{-1}$ is : 31.135654679545166
- Standard deviation for $(\alpha)_{2L}^{-1}$ is : 0.2918553950882679
- Minimum value for $(\alpha)_{2L}^{-1}$ is : 30.347257879307648
- Maximum value for $(\alpha)_{2L}^{-1}$ is : 32.24156221462389

$(\alpha)_{3C}^{-1}$:

- The average value for $(\alpha)_{3C}^{-1}$ is : 13.550644366371547
- Standard deviation for $(\alpha)_{3C}^{-1}$ is : 0.5712820949715708
- Minimum value for $(\alpha)_{3C}^{-1}$ is : 11.910631394380694
- Maximum value for $(\alpha)_{3C}^{-1}$ is : 15.301563636734688

$(\alpha)_{4C}^{-1}$:

- The average value for $(\alpha)_{4C}^{-1}$ is : 5.616696734405177
- Standard deviation for $(\alpha)_{4C}^{-1}$ is : 0.32593031281998064
- Minimum value for $(\alpha)_{4C}^{-1}$ is : 4.173203197110485
- Maximum value for $(\alpha)_{4C}^{-1}$ is : 6.79213347223117

$(\alpha)_{2L}^{-1}$:

- The average value for $(\alpha)_{2L}^{-1}$ is : 30.208557042939702
- Standard deviation for $(\alpha)_{2L}^{-1}$ is : 0.27551064551480636
- Minimum value for $(\alpha)_{2L}^{-1}$ is : 29.14269994725436
- Maximum value for $(\alpha)_{2L}^{-1}$ is : 31.25244747640796

$(\alpha)_{3C}^{-1}$:

- The average value for $(\alpha)_{3C}^{-1}$ is : 76.64844250984315
- Standard deviation for $(\alpha)_{3C}^{-1}$ is : 1.0860393731945313
- Minimum value for $(\alpha)_{3C}^{-1}$ is : 73.51421612335126
- Maximum value for $(\alpha)_{3C}^{-1}$ is : 79.57992653359497