

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 : 116920.94095225146
- Standard deviation for $k(GeV)$ is : 56820.83060950845
- Minimum value for $k(GeV)$ is : 23002.74017850886
- Maximum value for $k(GeV)$ is : 568436.9874120001

z_L :

- The average value for z_L is : 35.4982648389676
- Standard deviation for z_L is : 3.3605303293993676
- Minimum value for z_L is : 20.069850350315654
- Maximum value for z_L is : 51.226730749863854

c_0 :

- The average value for c_0 is : 0.3105621063816611
- Standard deviation for c_0 is : 0.23554018059849752
- Minimum value for c_0 is : 0.0014
- Maximum value for c_0 is : 1.3829290111473

c_1 :

- The average value for c_1 is : 0.1304735162666508
- Standard deviation for c_1 is : 0.10610706758989903

- Minimum value for c_1 is : 1.9287109375015765e-05
- Maximum value for c_1 is : 0.6183685816320001

c_2 :

- The average value for c_2 is : -0.720733830016429
- Standard deviation for c_2 is : 0.19558049510972672
- Minimum value for c_2 is : -1.2471465930399999
- Maximum value for c_2 is : -0.12421837759999999

c'_0 :

- The average value for c'_0 is : 0.5663429087060313
- Standard deviation for c'_0 is : 0.2249843288892225
- Minimum value for c'_0 is : 0.062000923215999953
- Maximum value for c'_0 is : 3.4910387209040272

μ_1 :

- The average value for μ_1 is : 13.900875232990538
- Standard deviation for μ_1 is : 3.496802788150818
- Minimum value for μ_1 is : 6.841778826343697
- Maximum value for μ_1 is : 45.608172958521905

μ_{11} :

- The average value for μ_{11} is : 0.26493326919264576
- Standard deviation for μ_{11} is : 0.22354149991639952
- Minimum value for μ_{11} is : 0.0006094063999999913
- Maximum value for μ_{11} is : 2.23977

μ'_{11} :

- The average value for μ'_{11} is : 0.313232852328298
- Standard deviation for μ'_{11} is : 0.26923864106046247
- Minimum value for μ'_{11} is : 0.0005893571040000156
- Maximum value for μ'_{11} is : 1.8800560000000002

$\tilde{\mu}_2$:

- The average value for $\tilde{\mu}_2$ is : 1.4262559598467441
- Standard deviation for $\tilde{\mu}_2$ is : 0.9582750957937822
- Minimum value for $\tilde{\mu}_2$ is : 0.0045119999999998495
- Maximum value for $\tilde{\mu}_2$ is : 7.690852906865141

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

$m_H(GeV)$:

- The average value for $m_H(GeV)$ is : 197.39592920854813
- Standard deviation for $m_H(GeV)$ is : 326.7609601661804
- Minimum value for $m_H(GeV)$ is : 8.823135854901555
- Maximum value for $m_H(GeV)$ is : 4610.913997282132

$m_{\psi_D}(GeV)$:

- The average value for $m_{\psi_D}(GeV)$ is : 2889.141374258136
- Standard deviation for $m_{\psi_D}(GeV)$ is : 1968.8708758884525
- Minimum value for $m_{\psi_D}(GeV)$ is : 539.2456808043827
- Maximum value for $m_{\psi_D}(GeV)$ is : 32477.56040605542

$m_\tau(GeV)$:

- The average value for $m_\tau(GeV)$ is : 31.411406955189847
- Standard deviation for $m_\tau(GeV)$ is : 310.18049718376795
- Minimum value for $m_\tau(GeV)$ is : 6.016735820959428e-08
- Maximum value for $m_\tau(GeV)$ is : 7345.817334940683

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

- The average value for $m_\tau^{(1)}(GeV)$ is : 1268.9978436567142
- Standard deviation for $m_\tau^{(1)}(GeV)$ is : 2137.383099002674
- Minimum value for $m_\tau^{(1)}(GeV)$ is : 0.39981220509084303
- Maximum value for $m_\tau^{(1)}(GeV)$ is : 26727.41983603022

$m_\nu(eV)$:

- The average value for $m_\nu(eV)$ is : 35.255350766227075

- Standard deviation for $m_\nu(eV)$ is : 564.7017723187557
- Minimum value for $m_\nu(eV)$ is : 4.2801281026368174e-17
- Maximum value for $m_\nu(eV)$ is : 23208.84250684303

$m_b(GeV)$:

- The average value for $m_b(GeV)$ is : 44.430397567321535
- Standard deviation for $m_b(GeV)$ is : 425.21577186258617
- Minimum value for $m_b(GeV)$ is : 2.799992332437624e-07
- Maximum value for $m_b(GeV)$ is : 8986.845743286196

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

- The average value for $m_b^{(1)}(GeV)$ is : 3548.348466529996
- Standard deviation for $m_b^{(1)}(GeV)$ is : 1972.9041798763183
- Minimum value for $m_b^{(1)}(GeV)$ is : 79.42419523485768
- Maximum value for $m_b^{(1)}(GeV)$ is : 19681.236900376316

$m_t(GeV)$:

- The average value for $m_t(GeV)$ is : 401.0350215668028
- Standard deviation for $m_t(GeV)$ is : 1484.1127456403947
- Minimum value for $m_t(GeV)$ is : 8.883477218365486e-06
- Maximum value for $m_t(GeV)$ is : 27948.000246701922

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

- The average value for $\langle\theta_H\rangle(rads)$ is : 0.38527516014667434
- Standard deviation for $\langle\theta_H\rangle(rads)$ is : 0.821763177702492
- Minimum value for $\langle\theta_H\rangle(rads)$ is : 7.849498828704782e-10
- Maximum value for $\langle\theta_H\rangle(rads)$ is : 3.141592653524363

$m_Z(GeV)$:

- The average value for $m_Z(GeV)$ is : 112.6768876736741
- Standard deviation for $m_Z(GeV)$ is : 495.7334485209886
- Minimum value for $m_Z(GeV)$ is : 8.389991418610911e-08
- Maximum value for $m_Z(GeV)$ is : 33173.26121266854

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

- The average value for $m_{W^\pm}(GeV)$ is : 98.79649328274185
- Standard deviation for $m_{W^\pm}(GeV)$ is : 434.66523905662734
- Minimum value for $m_{W^\pm}(GeV)$ is : 7.356448584483929e-08
- Maximum value for $m_{W^\pm}(GeV)$ is : 29086.72706736274

$m_{Z'}(GeV)$:

- The average value for $m_{Z'}(GeV)$ is : 12217.39447497955
- Standard deviation for $m_{Z'}(GeV)$ is : 5960.523357755971
- Minimum value for $m_{Z'}(GeV)$ is : 2406.1721144785306
- Maximum value for $m_{Z'}(GeV)$ is : 55776.075175680104

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

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

χ_G^2 :

- The average value for χ_G^2 is : 363581684.86565584
- Standard deviation for χ_G^2 is : 4887125156.954092
- Minimum value for χ_G^2 is : 10.15818271562121
- Maximum value for χ_G^2 is : 171018837861.34985