SO11HosotaniDummyCase Passed-Global-Constr

October 2, 2019

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

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

$k(GeV)$:

- The average value for $k(GeV)$ is : 108545.54913646115
- Standard deviation for $k(GeV)$ is : 33810.07560221113
- Minimum value for $k(GeV)$ is : 55445.246882626576
- Maximum value for $k(GeV)$ is : 257388.06076967347

z_L :

- The average value for z_L is : 33.68042190888927
- Standard deviation for z_L is : 2.9618576969608785
- Minimum value for z_L is : 27.190748623708306
- Maximum value for z_L is : 37.91522304445407

c_0 :

- The average value for c_0 is : 0.2916377982302257
- Standard deviation for c_0 is : 0.07715815789209249
- Minimum value for c_0 is : 0.10509088
- Maximum value for c_0 is : 0.361

c_1 :

- The average value for c_1 is : 0.07537444045054156
- Standard deviation for c_1 is : 0.07772814007771128

- Minimum value for c_1 is : 0.013383665466308509
- Maximum value for c_1 is : 0.33233057182169856

c_2 :

- The average value for c_2 is : -0.5881560685646071
- Standard deviation for c_2 is : 0.08607103037166766
- Minimum value for c_2 is : -0.845352
- Maximum value for c_2 is : -0.385170518272

c_0' :

- The average value for c_0' is : 0.5260336115468168
- Standard deviation for c_0' is : 0.04157957681038601
- Minimum value for c_0' is : 0.40862289943999996
- Maximum value for c_0' is : 0.5897

μ_1 :

- The average value for μ_1 is : 15.161263629941825
- Standard deviation for μ_1 is : 2.834296873228901
- Minimum value for μ_1 is : 10.286653277462635
- Maximum value for μ_1 is : 24.34001746864883

μ_{11} :

- The average value for μ_{11} is : 0.21140616562157571
- Standard deviation for μ_{11} is : 0.08848749947383941
- Minimum value for μ_{11} is : 0.1162980146214366
- Maximum value for μ_{11} is : 0.3896164149785195

μ_{11}' :

- The average value for μ_{11}' is : 0.18826679704753158
- Standard deviation for μ_{11}' is : 0.058364737718231315
- Minimum value for μ_{11}' is : 0.11117737733801236
- Maximum value for μ_{11}' is : 0.37802739375647987

$\tilde{\mu_2}$:

- The average value for $\tilde{\mu_2}$ is : 1.8657068661438574
- Standard deviation for $\tilde{\mu_2}$ is : 1.2557016218382653
- Minimum value for $\tilde{\mu_2}$ is : 0.8471479999999998
- Maximum value for $\tilde{\mu_2}$ is : 6.416193034836342

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

$m_H(GeV)$:

- The average value for $m_H(GeV)$ is : 127.23467500553723
- Standard deviation for $m_H(GeV)$ is : 2.0227347355446725
- Minimum value for $m_H(GeV)$ is : 122.3673385421512
- Maximum value for $m_H(GeV)$ is : 129.80513509684775

$m_{\psi_D}(GeV)$:

- The average value for $m_{\psi_D}(GeV)$ is : 2596.6152447725212
- Standard deviation for $m_{\psi_D}(GeV)$ is : 786.8524258940382
- Minimum value for $m_{\psi_D}(GeV)$ is : 1371.6746227479453
- Maximum value for $m_{\psi_D}(GeV)$ is : 5354.988490529566

$m_\tau(GeV)$:

- The average value for $m_\tau(GeV)$ is : 1.75900319541381
- Standard deviation for $m_\tau(GeV)$ is : 0.026120489261163983
- Minimum value for $m_\tau(GeV)$ is : 1.7167560943085807
- Maximum value for $m_\tau(GeV)$ is : 1.8302559924229869

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

- The average value for $m_\tau^{(1)}(GeV)$ is : 1407.381088170731
- Standard deviation for $m_\tau^{(1)}(GeV)$ is : 426.39846229929907
- Minimum value for $m_\tau^{(1)}(GeV)$ is : 727.3069068822812
- Maximum value for $m_\tau^{(1)}(GeV)$ is : 2551.0692462747534

$m_\nu(eV)$:

- The average value for $m_\nu(eV)$ is : 0.08628744049129751

- Standard deviation for $m_\nu(eV)$ is : 0.035877619826273084
- Minimum value for $m_\nu(eV)$ is : 0.020601423117924678
- Maximum value for $m_\nu(eV)$ is : 0.1330574871341866

$m_b(GeV)$:

- The average value for $m_b(GeV)$ is : 4.159058019275148
- Standard deviation for $m_b(GeV)$ is : 0.07308771322187127
- Minimum value for $m_b(GeV)$ is : 3.9917906958817246
- Maximum value for $m_b(GeV)$ is : 4.384711470085788

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

- The average value for $m_b^{(1)}(GeV)$ is : 3574.9531654274992
- Standard deviation for $m_b^{(1)}(GeV)$ is : 1283.2272545550406
- Minimum value for $m_b^{(1)}(GeV)$ is : 1495.2767699310994
- Maximum value for $m_b^{(1)}(GeV)$ is : 8613.456653862164

$m_t(GeV)$:

- The average value for $m_t(GeV)$ is : 172.79878565924486
- Standard deviation for $m_t(GeV)$ is : 3.043403644653775
- Minimum value for $m_t(GeV)$ is : 167.15526346429266
- Maximum value for $m_t(GeV)$ is : 178.92299178539824

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

- The average value for $\langle\theta_H\rangle(rads)$ is : 0.1261064231701641
- Standard deviation for $\langle\theta_H\rangle(rads)$ is : 0.0366503776497081
- Minimum value for $\langle\theta_H\rangle(rads)$ is : 0.050170164720943586
- Maximum value for $\langle\theta_H\rangle(rads)$ is : 0.2222597944309811

$m_Z(GeV)$:

- The average value for $m_Z(GeV)$ is : 91.72318037459326
- Standard deviation for $m_Z(GeV)$ is : 1.3123667804972343
- Minimum value for $m_Z(GeV)$ is : 88.8937820474113
- Maximum value for $m_Z(GeV)$ is : 94.65471272418216

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

- The average value for $m_{W^{\pm}}(GeV)$ is : 80.42402271524095
- Standard deviation for $m_{W^{\pm}}(GeV)$ is : 1.1506994778680046
- Minimum value for $m_{W^{\pm}}(GeV)$ is : 77.94317115289397
- Maximum value for $m_{W^{\pm}}(GeV)$ is : 82.9944266557819

$m_{Z'}(GeV)$:

- The average value for $m_{Z'}(GeV)$ is : 11938.646555640815
- Standard deviation for $m_{Z'}(GeV)$ is : 3689.985976609086
- Minimum value for $m_{Z'}(GeV)$ is : 6262.967650411356
- Maximum value for $m_{Z'}(GeV)$ is : 27541.267472358228

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^2_G :

- The average value for χ^2_G is : 14.577460916596703
- Standard deviation for χ^2_G is : 3.602677140800299
- Minimum value for χ^2_G is : 3.776936935524515
- Maximum value for χ^2_G is : 20.50197661986195