SO11HosotaniDummyCase Passed-Global-Constr

September 5, 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 : 119120.09817306865
- Standard deviation for $k(GeV)$ is : 63182.353611722625
- Minimum value for $k(GeV)$ is : 40265.120282785705
- Maximum value for $k(GeV)$ is : 500252.4701745382

z_L :

- The average value for z_L is : 33.948206735509366
- Standard deviation for z_L is : 3.748404276159433
- Minimum value for z_L is : 25.33797446555704
- Maximum value for z_L is : 45.35795884412231

c_0 :

- The average value for c_0 is : 0.27432076414495793
- Standard deviation for c_0 is : 0.08211172218486566
- Minimum value for c_0 is : 0.10509088
- Maximum value for c_0 is : 0.39638271999999997

c_1 :

- The average value for c_1 is : 0.09687591576186669
- Standard deviation for c_1 is : 0.0901639630443509

- Minimum value for c_1 is : 0.0006230058815330213
- Maximum value for c_1 is : 0.33233057182169856

c_2 :

- The average value for c_2 is : -0.6297564644690201
- Standard deviation for c_2 is : 0.1464111931823411
- Minimum value for c_2 is : -1.002665625
- Maximum value for c_2 is : -0.34130708

c_0' :

- The average value for c_0' is : 0.529824159259205
- Standard deviation for c_0' is : 0.056443206494878086
- Minimum value for c_0' is : 0.3828658000000001
- Maximum value for c_0' is : 0.677276756736

μ_1 :

- The average value for μ_1 is : 15.282529674017566
- Standard deviation for μ_1 is : 2.6772699431390707
- Minimum value for μ_1 is : 10.030001478741518
- Maximum value for μ_1 is : 24.34001746864883

μ_{11} :

- The average value for μ_{11} is : 0.23191296466494501
- Standard deviation for μ_{11} is : 0.08566078778409034
- Minimum value for μ_{11} is : 0.1162980146214366
- Maximum value for μ_{11} is : 0.43150169291825197

μ_{11}' :

- The average value for μ_{11}' is : 0.22688337645663803
- Standard deviation for μ_{11}' is : 0.13123993524241664
- Minimum value for μ_{11}' is : 0.11117737733801236
- Maximum value for μ_{11}' is : 0.8076142214715251

$\tilde{\mu_2}$:

- The average value for $\tilde{\mu_2}$ is : 1.8620109380160406
- Standard deviation for $\tilde{\mu_2}$ is : 1.1670482206502042
- Minimum value for $\tilde{\mu_2}$ is : 0.8874868528
- Maximum value for $\tilde{\mu_2}$ is : 7.478027722367508

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

$m_H(GeV)$:

- The average value for $m_H(GeV)$ is : 126.47465656585575
- Standard deviation for $m_H(GeV)$ is : 3.4333203999704067
- Minimum value for $m_H(GeV)$ is : 117.80878386192919
- Maximum value for $m_H(GeV)$ is : 131.7919913994307

$m_{\psi_D}(GeV)$:

- The average value for $m_{\psi_D}(GeV)$ is : 2739.75118837301
- Standard deviation for $m_{\psi_D}(GeV)$ is : 1044.895635232162
- Minimum value for $m_{\psi_D}(GeV)$ is : 811.713466300613
- Maximum value for $m_{\psi_D}(GeV)$ is : 6291.881778207047

$m_\tau(GeV)$:

- The average value for $m_\tau(GeV)$ is : 1.7627907990358176
- Standard deviation for $m_\tau(GeV)$ is : 0.030890780219724127
- Minimum value for $m_\tau(GeV)$ is : 1.6792773257419915
- Maximum value for $m_\tau(GeV)$ is : 1.8538873567124394

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

- The average value for $m_\tau^{(1)}(GeV)$ is : 1289.7596259826482
- Standard deviation for $m_\tau^{(1)}(GeV)$ is : 405.1655127611627
- Minimum value for $m_\tau^{(1)}(GeV)$ is : 705.9782821106678
- Maximum value for $m_\tau^{(1)}(GeV)$ is : 2191.5052347495966

$m_\nu(eV)$:

- The average value for $m_\nu(eV)$ is : 0.08379564681521677

- Standard deviation for $m_\nu(eV)$ is : 0.04602895731277125
- Minimum value for $m_\nu(eV)$ is : 0.020601423117924678
- Maximum value for $m_\nu(eV)$ is : 0.2576604448490955

$m_b(GeV)$:

- The average value for $m_b(GeV)$ is : 4.153987879993457
- Standard deviation for $m_b(GeV)$ is : 0.105668690341463
- Minimum value for $m_b(GeV)$ is : 3.8375028616136078
- Maximum value for $m_b(GeV)$ is : 4.4239791812369855

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

- The average value for $m_b^{(1)}(GeV)$ is : 3882.1659617700284
- Standard deviation for $m_b^{(1)}(GeV)$ is : 1710.128420605216
- Minimum value for $m_b^{(1)}(GeV)$ is : 959.4422568081554
- Maximum value for $m_b^{(1)}(GeV)$ is : 8545.049617215387

$m_t(GeV)$:

- The average value for $m_t(GeV)$ is : 174.57625991253488
- Standard deviation for $m_t(GeV)$ is : 4.275168552572326
- Minimum value for $m_t(GeV)$ is : 165.92892077687708
- Maximum value for $m_t(GeV)$ is : 184.31253766155783

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

- The average value for $\langle\theta_H\rangle(rads)$ is : 0.1293728826849121
- Standard deviation for $\langle\theta_H\rangle(rads)$ is : 0.06079342162239468
- Minimum value for $\langle\theta_H\rangle(rads)$ is : 0.03954402454070388
- Maximum value for $\langle\theta_H\rangle(rads)$ is : 0.3745439504398632

$m_Z(GeV)$:

- The average value for $m_Z(GeV)$ is : 91.36098994696361
- Standard deviation for $m_Z(GeV)$ is : 1.916823283650752
- Minimum value for $m_Z(GeV)$ is : 86.34527946727644
- Maximum value for $m_Z(GeV)$ is : 96.38920883038975

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

- The average value for $m_{W^{\pm}}(GeV)$ is : 80.10644965399334
- Standard deviation for $m_{W^{\pm}}(GeV)$ is : 1.680694440335082
- Minimum value for $m_{W^{\pm}}(GeV)$ is : 75.70861246710083
- Maximum value for $m_{W^{\pm}}(GeV)$ is : 84.5152543644968

$m_{Z'}(GeV)$:

- The average value for $m_{Z'}(GeV)$ is : 12898.976337205573
- Standard deviation for $m_{Z'}(GeV)$ is : 5807.69208987034
- Minimum value for $m_{Z'}(GeV)$ is : 3827.4870888723385
- Maximum value for $m_{Z'}(GeV)$ is : 40671.52943275994

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 : 26.1227907767536
- Standard deviation for χ^2_G is : 12.09653671627288
- Minimum value for χ^2_G is : 3.776936935524515
- Maximum value for χ^2_G is : 49.31467192018948