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 : 105962.55667121174
- Standard deviation for $k(GeV)$ is : 26686.95985719346
- Minimum value for $k(GeV)$ is : 55445.246882626576
- Maximum value for $k(GeV)$ is : 194365.23569618285

z_L :

- The average value for z_L is : 33.313808197555794
- Standard deviation for z_L is : 3.0478840851525613
- 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 : 0.27586139923095054
- Standard deviation for c_0 is : 0.08592692259135556
- 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 : 0.08289184877059619
- Standard deviation for c_1 is : 0.07995076967673592

- 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 : -0.6043103067185078

- Standard deviation for c_2 is : 0.06191736113178049

- Minimum value for c_2 is : -0.7854819999999999

- Maximum value for c_2 is : -0.4038

c_0' :

- The average value for c_0' is : 0.517366738269929

- Standard deviation for c_0' is : 0.04559051016236622

- Minimum value for c_0' is : 0.40862289943999996

- Maximum value for c_0' is : 0.56578452

μ_1 :

- The average value for μ_1 is : 15.01907479017415

- Standard deviation for μ_1 is : 2.555799174671047

- 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 : 0.2244976713901743

- Standard deviation for μ_{11} is : 0.09529724398984701

- 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 : 0.17299376283206605

- Standard deviation for μ_{11}' is : 0.04160639733356402

- Minimum value for μ_{11}' is : 0.11117737733801236

- Maximum value for μ_{11}' is : 0.30366068

$\tilde{\mu}_2$:

- The average value for $\tilde{\mu}_2$ is : 1.6106407547598571

- Standard deviation for $\tilde{\mu}_2$ is : 0.720573084729376

- Minimum value for $\tilde{\mu}_2$ is : 1.0659375

- Maximum value for $\tilde{\mu}_2$ is : 4.06689020645849

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

$m_H(GeV)$:

- The average value for $m_H(GeV)$ is : 127.36056371549657

- Standard deviation for $m_H(GeV)$ is : 2.1755501480311255

- Minimum value for $m_H(GeV)$ is : 122.3673385421512

- Maximum value for $m_H(GeV)$ is : 130.74498525408532

$m_{\psi_D}(GeV)$:

- The average value for $m_{\psi_D}(GeV)$ is : 2621.78893212236

- Standard deviation for $m_{\psi_D}(GeV)$ is : 756.9325132911814

- Minimum value for $m_{\psi_D}(GeV)$ is : 1371.6746227479453

- Maximum value for $m_{\psi_D}(GeV)$ is : 4568.772925339378

$m_\tau(GeV)$:

- The average value for $m_\tau(GeV)$ is : 1.7602316227556096

- Standard deviation for $m_\tau(GeV)$ is : 0.03037728743533104

- Minimum value for $m_\tau(GeV)$ is : 1.702016196171624

- Maximum value for $m_\tau(GeV)$ is : 1.8308447773767402

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

- The average value for $m_\tau^{(1)}(GeV)$ is : 1315.0659107239649

- Standard deviation for $m_\tau^{(1)}(GeV)$ is : 383.85552273193207

- Minimum value for $m_\tau^{(1)}(GeV)$ is : 727.0712114510894

- Maximum value for $m_\tau^{(1)}(GeV)$ is : 2152.280708649478

$m_\nu(eV)$:

- The average value for $m_\nu(eV)$ is : 0.08073370613173103

- Standard deviation for $m_\nu(eV)$ is : 0.03812249353897465

- 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 : 4.154753255681997

- Standard deviation for $m_b(GeV)$ is : 0.07922944097488578

- Minimum value for $m_b(GeV)$ is : 3.904053010011845

- Maximum value for $m_b(GeV)$ is : 4.384711470085788

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

- The average value for $m_b^{(1)}(GeV)$ is : 3585.9593086276764

- Standard deviation for $m_b^{(1)}(GeV)$ is : 1127.3937790223563

- Minimum value for $m_b^{(1)}(GeV)$ is : 1495.2767699310994

- Maximum value for $m_b^{(1)}(GeV)$ is : 6420.4726008195175

$m_t(GeV)$:

- The average value for $m_t(GeV)$ is : 173.6016582987157

- Standard deviation for $m_t(GeV)$ is : 3.4727367731831467

- Minimum value for $m_t(GeV)$ is : 165.92892077687708

- Maximum value for $m_t(GeV)$ is : 181.8305014283432

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

- The average value for $\langle\theta_H\rangle(rads)$ is : 0.1265989078166171

- Standard deviation for $\langle\theta_H\rangle(rads)$ is : 0.03882068387659839

- Minimum value for $\langle\theta_H\rangle(rads)$ is : 0.059354362012749

- Maximum value for $\langle\theta_H\rangle(rads)$ is : 0.2222597944309811

$m_Z(GeV)$:

- The average value for $m_Z(GeV)$ is : 91.76485123820919

- Standard deviation for $m_Z(GeV)$ is : 1.2666153587031412

- Minimum value for $m_Z(GeV)$ is : 89.0412449214728

- Maximum value for $m_Z(GeV)$ is : 94.27568984650358

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

- The average value for $m_{W^\pm}(GeV)$ is : 80.4605602455395
- Standard deviation for $m_{W^\pm}(GeV)$ is : 1.1105840635245885
- Minimum value for $m_{W^\pm}(GeV)$ is : 78.0724684306894
- Maximum value for $m_{W^\pm}(GeV)$ is : 82.66209469346302

$m_{Z'}(GeV)$:

- The average value for $m_{Z'}(GeV)$ is : 11825.139305363356
- Standard deviation for $m_{Z'}(GeV)$ is : 3160.6258081938495
- Minimum value for $m_{Z'}(GeV)$ is : 6262.967650411356
- Maximum value for $m_{Z'}(GeV)$ is : 22256.050658810604

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 : 17.220434670615916
- Standard deviation for χ^2_G is : 5.30984644966109
- Minimum value for χ^2_G is : 3.776936935524515
- Maximum value for χ^2_G is : 27.503136872339688