

Param.	Definition	Range	Sampling
$M_A$	mass of pseudoscalar Higgs boson	100 GeV - 25 TeV	Log
$\tan \beta$	ratio of Higgs vevs	1 - 60	Log
$ \mu $	Higgs-higgsino mass parameter	80 GeV - 25 TeV	Log
$ M_1 $	bino mass parameter	1 GeV - 25 TeV	Log
$ M_2 $	wino mass parameter	70 GeV - 25 TeV	Log
$M_3$	gluino mass parameter	200 GeV - 50 TeV	Linear
$m_{\tilde{L}^{1,2}}$	1 <sup>st</sup> , 2 <sup>nd</sup> gen. left-handed slepton mass	90 GeV - 25 TeV	Log
$m_{\tilde{R}^{1,2}}$	1 <sup>st</sup> , 2 <sup>nd</sup> gen. right-handed slepton mass	90 GeV - 25 TeV	Log
$m_{\tilde{L}^3}$	3 <sup>rd</sup> gen. left-handed slepton mass	90 GeV - 25 TeV	Log
$m_{\tilde{R}^3}$	3 <sup>rd</sup> gen. right-handed slepton mass	90 GeV - 25 TeV	Log
$m_{\tilde{q}^{1,2}}$	1 <sup>st</sup> , 2 <sup>nd</sup> gen. left-handed squark mass	200 GeV - 50 TeV	Linear
$m_{\tilde{u}^{1,2}}$	1 <sup>st</sup> , 2 <sup>nd</sup> gen. right-handed $u$ -type squark mass	200 GeV - 50 TeV	Linear
$m_{\tilde{d}^{1,2}}$	1 <sup>st</sup> , 2 <sup>nd</sup> gen. right-handed $d$ -type squark mass	200 GeV - 50 TeV	Linear
$m_{\tilde{q}^3}$	3 <sup>rd</sup> gen. left-handed squark mass	100 GeV - 50 TeV	Linear
$m_{\tilde{u}^3}$	right-handed stop quark mass parameter	100 GeV - 50 TeV	Linear
$m_{\tilde{d}^3}$	right-handed sbottom quark mass parameter	100 GeV - 50 TeV	Linear
$ A_\tau $	$\tau$ trilinear coupling	1 GeV - 7 TeV	Log
$ A_b $	bottom trilinear coupling	1 GeV - 7 TeV	Log
$ A_t $	top trilinear coupling	1 GeV - $3(m_{\tilde{q}^3}m_{\tilde{u}^3})^{1/2}$	Log