i	Observable $\mu_i(\theta)$	Constraint $D_i^{\text{non-DCS}}$	Likelihood function $L(D_i^{\text{non-DCS}}\|\mu_i(\theta))$	comment
1	$BR(b \to s\gamma)$ [40]	$(3.43 \pm 0.21^{\text{stat}} \pm 0.24^{\text{th}} \pm 0.07^{\text{sys}}) \times 10^{-4}$	Gaussian	reweight
2	$BR(B_s \to \mu\mu)$ [41]	$(2.9 \pm 0.7 \pm 0.29^{th}) \times 10^{-9}$	Gaussian	reweight
3	$R(B_u \to \tau\nu)$[40]	1.04 ± 0.34	Gaussian	reweight
4	Δa_μ [42]	$(26.1 \pm 6.3^{\text{exp}} \pm 4.9^{\text{SM}} \pm 10.0^{\text{SUSY}}) \times 10^{-10}$	Gaussian	
5	m_t [43]	$173.20 \pm 0.87^{\text{stat}} \pm 1.3^{\text{sys}}$ GeV	Gaussian	reweight
6	$m_b(m_b)$ [44]	$4.19^{+0.18}_{-0.06}$ GeV	Two-sided Gaussian	
7	$\alpha_s(M_Z)$ [44]	0.1184 ± 0.0007	Gaussian	
8	m_h	LHC: $m_h^{low} = 120$, $m_h^{up} = 130$	1 if $m_h^{low} \leq m_h \leq m_h^{up}$ 0 if $m_h < m_h^{low}$ or $m_h > m_h^{up}$	reweight
9	μ_h	CMS and ATLAS in LHC RunI, Tevatron	`Lilith1.01` [36, 37]	post-MCMC
10	sparticle masses	LEP [45] (via micrOMEGAs [29–31])	1 if allowed 0 if excluded	