

| i | Observable $\mu_j(\theta)$ | Constraint $D_j^{\text{non-DCS}}$ | Likelihood function $L(D_j^{\text{non-DCS}} \mu_j(\theta))$ | MCMC / post-MCMC |
|-----|-------------------------------|---|---|---------------------|
| 1a | $BR(b \rightarrow s\gamma)$ | $(3.55 \pm 0.23^{\text{stat}} \pm 0.24^{\text{th}} \pm 0.09^{\text{sys}}) \times 10^{-4}$ | Gaussian | MCMC |
| 1b | $BR(b \rightarrow s\gamma)$ | $(3.43 \pm 0.21^{\text{stat}} \pm 0.24^{\text{th}} \pm 0.07^{\text{sys}}) \times 10^{-4}$ | Gaussian | reweight |
| 2a | $BR(B_s \rightarrow \mu\mu)$ | observed CLs curve from | $d(1 - CLs)/d(BR(B_s \rightarrow \mu\mu))$ | MCMC |
| 2b | $BR(B_s \rightarrow \mu\mu)$ | $(2.9 \pm 0.7 \pm 0.29^{\text{th}}) \times 10^{-9}$ | Gaussian | reweight |
| 3a | $R(B_u \rightarrow \tau\nu)$ | 1.63 ± 0.54 | Gaussian | MCMC |
| 3b | $R(B_u \rightarrow \tau\nu)$ | 1.04 ± 0.34 | Gaussian | reweight |
| 4 | Δa_μ | $(26.1 \pm 6.3^{\text{exp}} \pm 4.9^{\text{SM}} \pm 10.0^{\text{SUSY}}) \times 10^{-10}$ | Gaussian | MCMC |
| 5a | m_t | $173.3 \pm 0.5^{\text{stat}} \pm 1.3^{\text{sys}}$ GeV | Gaussian | MCMC |
| 5b | m_t | $173.20 \pm 0.87^{\text{stat}} \pm 1.3^{\text{sys}}$ GeV | Gaussian | reweight |
| 6 | $m_b(m_b)$ | $4.19_{-0.06}^{+0.18}$ GeV | Two-sided Gaussian | MCMC |
| 7 | $\alpha_s(M_Z)$ | 0.1184 ± 0.0007 | Gaussian | MCMC |
| 8a | m_h | pre-LHC: $m_h^{\text{low}} = 112$ | 1 if $m_h \geq m_h^{\text{low}}$ 0 if $m_h < m_h^{\text{low}}$ | MCMC |
| 8b | m_h | LHC: $m_h^{\text{low}} = 120, m_h^{\text{up}} = 130$ | 1 if $m_h^{\text{low}} \leq m_h \leq m_h^{\text{up}}$ 0 if $m_h < m_h^{\text{low}}$ or $m_h > m_h^{\text{up}}$ | reweight |
| 9 | sparticle masses | LEP (via micrOMEGAs) | 1 if allowed 0 if excluded | MCMC |