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Block FCINFO # Program information
  1 SUPERISO # flavor calculator
  2 2.8_beta # version number
Block FMODESEL # Model selection
  2 1 0 # Supersymmetry general MSSM
Block SMINPUTS # Standard Model inputs
  1 1.27839951e+02 # alpha_em^(-1)
  2 1.16570000e-05 # G_Fermi
  3 1.17200002e-01 # alpha_s(M_Z)
  4 9.11699982e+01 # m_Z(pole)
  5 4.19999981e+00 # m_b(m_b)
  6 1.72399994e+02 # m_top(pole)
  7 1.77699995e+00 # m_tau(pole)
 24 1.27000000e+00 # m_c(m_c)
Block FMASS # Mass spectrum in GeV
#PDG code mass scheme scale particle
  3 1.05000000e-01 1 2.00000000e+00 # s
  5 4.68000000e+00 3 0 # b
 211 1.39600000e-01 0 0 # pi+
 313 8.91700000e-01 0 0 # K*
 321 4.93700000e-01 0 0 # K+
 421 1.86484000e+00 0 0 # D0
 431 1.96849000e+00 0 0 # D_s+
 521 5.27950000e+00 0 0 # B+
 531 5.36630000e+00 0 0 # B_s
Block FLIFE # Lifetime in sec
#PDG code lifetime particle
 211 2.60330000e-08 # pi+
 321 1.23800000e-08 # K+
 431 5.00000000e-13 # D_s+
 521 1.63800000e-12 # B+
 531 1.42500000e-12 # B_s
Block FCONST # Decay constant in GeV
#PDG code number decay constant particle
 431 1 2.41000000e-01 # D_s+
 521 1 2.00000000e-01 # B+
 531 1 2.45000000e-01 # B_s
Block FCONSTRATIO # Ratio of decay constant
#PDG code1 code2 ratio comment
 321 211 1.18900000e+00 # f_K/f_pi
Block FBAG # Bag parameters
#PDG code number B-parameter particle
 511 1 1.26709794e+00 # B_d
 531 1 1.23000000e+00 # B_s
Block FFORM # Form Factors in GeV
# ParentPDG number value NDA ID1 ID2 ID3 ... comment
 521 1 4.60000000e-01 3 421 -15 16 # Delta(w) in B+->D0 tau
nu
 521 2 1.02600000e+00 3 421 -15 16 # G(1) in B+->D0 tau nu
 521 3 1.17000000e+00 3 421 -15 16 # rho^2 in B+->D0 tau nu
 521 1 3.10000000e-01 2 313 22 # T1(B->K*)
Block FSHAPE # Shape factors
# ParentPDG number value NDA ID1 ID2 ID3 ... comment
 5 1 5.80000000e-01 2 3 22 # C (b->s gamma)
Block FWCOEF Q= 1.60846e+02 M= 2
#Effective Wilson coefficients in the standard basis
# type sub nb order real part
 1 1 2 0 1.00000000e+00
 1 1 7 0 -1.82057567e-01
 1 1 8 0 -1.06651571e-01
 1 1 1 1 2.33177662e+01
 1 1 4 1 5.29677461e-01
 1 1 7 1 1.35373179e-01

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1 1 8 1 -6.94496405e-01
1 1 1 2 3.08498153e+02
1 1 2 2 4.91587899e+01
1 1 3 2 -7.01872509e+00
1 1 4 2 1.25624440e+01
1 1 5 2 8.76122785e-01
1 1 6 2 1.64273022e+00
1 1 7 2 7.05439463e-01
1 1 8 2 -4.65529650e+00

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Block FWCOEF Q= 2.34384e+00 M= 2

#Effective Wilson coefficients in the standard basis

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# type sub nb order real part
1 1 1 0 -8.47809531e-01
1 1 2 0 1.06562816e+00
1 1 3 0 -1.34214747e-02
1 1 4 0 -1.29110603e-01
1 1 5 0 1.36343067e-03
1 1 6 0 2.88022278e-03
1 1 7 0 -3.73787589e-01
1 1 8 0 -1.80398551e-01
1 1 1 1 1.52422776e+01
1 1 2 1 -2.13433897e+00
1 1 3 1 9.52880033e-02
1 1 4 1 -4.81776851e-01
1 1 5 1 -2.10727176e-02
1 1 6 1 -1.22929476e-02
1 1 7 1 2.14544819e+00
1 1 8 1 -5.16870265e-01
1 1 7 2 1.98785400e+01

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Block FOBS # Flavor observables

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# ParentPDG type value NDA ID1 ID2 ID3 ... comment
5 1 2.97350499e-04 2 3 22 # BR(b->s gamma)
521 4 8.25882011e-02 2 313 22 # Delta0(B->K* gamma)
531 1 3.46978963e-09 2 13 -13 # BR(B_s->mu+ mu-)
521 1 1.09699841e-04 2 -15 16 # BR(B_u->tau nu)
521 2 9.96640362e-01 2 -15 16 # R(B_u->tau nu)
431 1 4.81251996e-02 2 -15 16 # BR(D_s->tau nu)
431 1 4.96947301e-03 2 -13 14 # BR(D_s->mu nu)
521 1 6.96556180e-03 3 421 -15 16 # BR(B+>D0 tau nu)
521 11 2.97261612e-01 3 421 -15 16 # BR(B+>D0 tau
nu)/BR(B+> D0 e nu)
321 11 6.45414388e-01 2 -13 14 # BR(K->mu nu)/BR(pi->mu nu)
321 12 9.99985822e-01 2 -13 14 # R_l23

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Block FOBSERR # Theoretical error for flavor observables at 68% C.L.

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# ParentPDG type -ERR +ERR NDA ID1 ID2 ID3 ...
comment
5 1 0.30000000e-04 0.30000000e-04 2 3 22 # BR(b->s
gamma)

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Block FOBSSM # SM prediction for flavor observables

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# ParentPDG type value NDA ID1 ID2 ID3 ... comment
5 1 2.97350499e-04 2 3 22 # BR(b->s gamma)

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