

## Modified blocks:

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- FOBS : The decay is defined by the PDG number of the parent, the type of the observable, the value of the observable, the number of daughters, PGD IDs of the daughters.

## Type of the observables:

- 1: branching ratio
- 2: ratio of the branching ratio to the SM value
- 3: asymmetry - CP
- 4: asymmetry - isospin
- 3: asymmetry - forward-backward
- 5: asymmetry - lepton-flavor
- 6: mixing

type>10 : user defined

- FOBSERR: labeling modified in the same way as in FOBS block. Also there are 2 columns for the uncertainties: minus and plus. This concerns only the theoretical uncertainties.

- FOBSM: labeling modified in the same way as in FOBS block

- FMASS: we do not use the SLHA MASS block, but we define a more general block with an additional column for the renormalization scheme.

## Schemes:

- 0: pole
- 1: MSbar
- 2: DRbar
- 3: 1S
- 4: kin
- ...

I suggest to add also another column for the scales (if relevant, 0 otherwise)

For the quark masses it is important to specify the renormalization schemes and the relevant scales (this point had also been requested by CKMFitter).

- FWCOEF: addition of an argument next to the block name, M:

- 0: SM
- 1: NP
- 2: SM+NP

## New blocks:

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- FBAG: bag parameters
- FFORM: form factors
- FSHAPE: shape factors

- FNameERR: for every block, we can define a corresponding block for the errors. We can have 2 columns for + and - values (which is more helpful for asymmetric errors).

To do:

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- FMODESEL: define the models with corresponding labels (e.g. 2hdm, extradim,...)

- Define Wilson coefficients  $C_A$ ,  $C_S$  and  $C_P$  (for  $B_s \rightarrow \mu^+ \mu^-$ ), as well as the  $C$  primes by a corresponding number.