```
max      1        number of categories
jmax     2        number of samples minus one
kmax     *        number of nuisance parameters
----------------------------------------------------------------------
shapes * * HH4b_semiBoosted_mX_2_NRv1_unB1_boost_dEta1_13TeV.root vh/$PROCESS vh/$PROCESS_$SYSTEMATIC
----------------------------------------------------------------------
bin                                      hh4b
observation                              203.000000
----------------------------------------------------------------------
bin                                      hh4b             hh4b             hh4b
process                                  0                1                2
process         ggHH_hbbhbb_mX_2_NRv1_unB1_boost_dEta1    NRv1_unB1_boost_dEta1EST    ttbar
rate                                     3.217825         182.524514       20.387773
----------------------------------------------------------------------
lumi_13TeV lnN                           1.025            –                1.025
ttbar_xsec lnN                           –                –                1.048/0.945
AK4_invariant_mass lnN                   1.005            –                1.005
CMS_eff_tau21_sf lnN                     1.136/0.864      –                1.136/0.864
CMS_eff_Htag lnN                         1.058785         –                –
CMS_scale_j lnN                          1.021223         –                1.050448
CMS_massJEC lnN                          1.02             –                1.02
CMS_btag_comb lnN                        1.078742         –                1.135278
CMS_res_j lnN                            1.009746         –                1.048439
CMS_PU lnN                               1.000952         –                1.007870
CMS_eff_trig shapeN2                     1.000            –                1.000
CMS_scaleNRv1_unB1_boost_dEta1_13TeV shapeN2    –         1.000            –
CMS_PDF_Scales lnN                       1.000000/1.002000 –              0.987850/1.000150
CMS_PDF_HHgg lnN                         1.061000/1.065000 –              1.000370/1.000360
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin0 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin1 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin2 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin3 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin4 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin5 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin6 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin7 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin8 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin9 shapeN2 –        1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin10 shapeN2 –       1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin11 shapeN2 –       1.000            –
CMS_statNRv1_unB1_boost_dEta1_13TeV_bin12 shapeN2 –       1.000            –
```