

Type	Datasets	smefit2.0 linear + quadratic corrections
4H	CMS.ttbb_13TeV	✓
	CMS.ttbb_13TeV_2016	✓
	ATLAS.ttbb_13TeV_2016	✓
	CMS.tttt_13TeV	✓
	CMS.tttt_13TeV_run2	✓
	ATLAS.tttt_13TeV_run2	✓
AC	ATLAS.CMS.tt.AC.8TeV	✓
	ATLAS.tt.AC.13TeV	✓
Hdiff	ATLAS.ggF_ZZ_13TeV	✓
	CMS.ggF_aa_13TeV	✓
	ATLAS.H_13TeV_2015_pTH	✓
	CMS.H_13TeV_2015_pTH	✓
	ATLAS.WH.Hbb_13TeV	✓
	ATLAS.ZH.Hbb_13TeV	✓
HrunI	ATLAS.CMS.SSinc.RunI	✓
HrunII	ATLAS.SSinc.RunII	✓
	CMS.SSinc.RunII	✓
LEP	LEP.eeWW_182GeV	✓
	LEP.eeWW_189GeV	✓
	LEP.eeWW_198GeV	✓
	LEP.eeWW_206GeV	✓
VV	ATLAS.WW_13TeV_2016_memu	✓
	ATLAS.WZ_13TeV_2016_mTWZ	✓
	CMS.WZ_13TeV_2016_pTZ	✓
WhelF	ATLAS.WhelF_8TeV	✓
	CMS.WhelF_8TeV	✓
t13	CMS.t.tch_13TeV_inc	✓
	CMS.t.tch_13TeV_diff_Yt	✓
	CMS.t.tch_13TeV_2016_diff_Yt	✓
	ATLAS.t.tch_13TeV	✓
t8	CMS.t.tch_8TeV_inc	✓
	CMS.t.tch_8TeV_diff_Yt	✓
	CMS.t.sch_8TeV	✓
	ATLAS.t.tch_8TeV	✓
	ATLAS.t.sch_8TeV	✓
tW	ATLAS.tW_8TeV_inc	✓
	ATLAS.tW_slep_8TeV_inc	✓
	CMS.tW_8TeV_inc	✓
	ATLAS.tW_13TeV_inc	✓
	CMS.tW_13TeV_inc	✓
tZ	ATLAS.tZ_13TeV_inc	✓
	ATLAS.tZ_13TeV_run2_inc	✓
	CMS.tZ_13TeV_inc	✓
	CMS.tZ_13TeV_2016_inc	✓
tt13	CMS.tt_13TeV_ljets_2015_Mtt	✓
	CMS.tt_13TeV_dilep_2015_Mtt	✓
	CMS.tt_13TeV_ljets_2016_Mtt	✓
	CMS.tt_13TeV_dilep_2016_Mtt	✓
	ATLAS.tt_13TeV_ljets_2016_Mtt	✓
tt8	ATLAS.tt_8TeV_ljets_Mtt	✓
	ATLAS.tt_8TeV_dilep_Mtt	✓
	CMS.tt_8TeV_ljets_Ytt	✓
	CMS.tt2D_8TeV_dilep_MttYtt	✓
ttW	ATLAS.ttW_8TeV	✓
	ATLAS.ttW_13TeV	✓
	ATLAS.ttW_13TeV_2016	✓
	CMS.ttW_8TeV	✓
	CMS.ttW_13TeV	✓
ttZ	ATLAS.ttZ_8TeV	✓
	ATLAS.ttZ_13TeV	✓
	ATLAS.ttZ_13TeV_2016	✓
	CMS.ttZ_8TeV	✓
	CMS.ttZ_13TeV	✓
	CMS.ttZ_13TeV_pTZ	✓

Table 1: Dataset comparison