	b-tag Eigenvar. 0	c-tag Eigenvar. 0	light-tag Eigenvar. 0	JER EffectiveNP 1	JER EffectiveNP 6	JES flavour composition	JES pileup ρ topology	Pile-up rew.	Diboson NNPDF30 37	Tau fake norm.	tW (DR vs. DS)	tW NLO gen.	tW PS + had.	$t\bar{t}Z$ NLO gen. + PS + had.	$t\bar{t}$ FSR	$t\bar{t}$ NLO gen.	$t\bar{t}$ PS + had.	k(Z+jets)	k($t\bar{t}$)	μ(tHq)
b-tag Eigenvar. 0	100.0	-0.0	-0.0	0.1	0.3	-0.2	-0.1	-0.1	0.1	-0.0	-0.0	-0.0	-0.0	0.1	0.2	0.1	0.2	15.9	15.8	0.2
c-tag Eigenvar. 0	-0.0	100.0	-0.1	-1.2	-0.4	-0.1	-0.1	-0.3	0.2	0.3	0.2	0.2	0.2	1.7	0.3	-0.0	1.0	24.4	-0.6	0.5
light-tag Eigenvar. 0	-0.0	-0.1	100.0	-0.8	-0.3	-0.3	-0.4	-0.1	0.0	0.4	0.0	0.0	0.0	1.4	-0.1	0.3	0.0	27.3	13.0	0.3
JER EffectiveNP 1	0.1	-1.2	-0.8	100.0	-1.1	-3.1	-3.5	3.1	1.5	0.3	0.6	-1.1	-0.0	16.8	-8.2	-19.0	16.4	-15.5	-3.3	-6.5
JER EffectiveNP 6	0.3	-0.4	-0.3	-1.1	100.0	3.7	1.5	-0.1	0.1	3.0	1.0	1.4	1.2	7.4	-0.1	3.9	-1.4	-16.1	-0.4	1.5
JES flavour composition	-0.2	-0.1	-0.3	-3.1	3.7	100.0	-9.2	-1.8	-0.3	1.1	-0.6	-1.3	-0.8	9.2	-6.1	-4.5	0.2	-36.0	-2.6	-3.6
JES pileup ρ topology	-0.1	-0.1	-0.4	-3.5	1.5	-9.2	100.0	-1.6	-0.3	2.5	-0.8	-1.2	-0.9	11.4	-5.6	-0.5	-2.6	-38.1	-17.6	-1.5
Pile-up rew.	-0.1	-0.3	-0.1	3.1	-0.1	-1.8	-1.6	100.0	0.3	1.0	0.4	0.6	0.5	4.5	1.1	1.6	0.9	-15.2	-16.5	2.3
Diboson NNPDF30 37	0.1	0.2	0.0	1.5	0.1	-0.3	-0.3	0.3	100.0	-0.1	-0.2	-0.2	-0.2	-1.4	-1.0	-0.3	-1.4	-27.5	0.3	-0.3
Tau fake norm.	-0.0	0.3	0.4	0.3	3.0	1.1	2.5	1.0	-0.1	100.0	-0.1	-0.5	-0.3	-8.6	-0.1	-5.2	3.0	-14.0	-57.0	-7.3
tW (DR vs. DS)	-0.0	0.2	0.0	0.6	1.0	-0.6	-0.8	0.4	-0.2	-0.1	100.0	-1.3	-1.3	-2.0	-1.5	2.2	-3.5	-0.5	18.6	-3.1
tW NLO gen.	-0.0	0.2	0.0	-1.1	1.4	-1.3	-1.2	0.6	-0.2	-0.5	-1.3	100.0	-1.4	-2.1	-2.3	0.5	-2.6	1.2	17.4	-2.9
tW PS + had.	-0.0	0.2	0.0	-0.0	1.2	-0.8	-0.9	0.5	-0.2	-0.3	-1.3	-1.4	100.0	-2.0	-1.8	1.6	-3.2	0.1	18.1	-3.0
$t\bar{t}Z$ NLO gen. + PS + had.	0.1	1.7	1.4	16.8	7.4	9.2	11.4	4.5	-1.4	-8.6	-2.0	-2.1	-2.0	100.0	3.5	-2.2	-4.5	-24.4	15.6	-2.1
$t\bar{t}$ FSR	0.2	0.3	-0.1	-8.2	-0.1	-6.1	-5.6	1.1	-1.0	-0.1	-1.5	-2.3	-1.8	3.5	100.0	-9.6	-1.6	18.6	-2.6	-30.0
$t\bar{t}$ NLO gen.	0.1	-0.0	0.3	-19.0	3.9	-4.5	-0.5	1.6	-0.3	-5.2	2.2	0.5	1.6	-2.2	-9.6	100.0	18.3	7.0	28.8	-33.3
$t\bar{t}$ PS + had.	0.2	1.0	0.0	16.4	-1.4	0.2	-2.6	0.9	-1.4	3.0	-3.5	-2.6	-3.2	-4.5	-1.6	18.3	100.0	-1.8	-4.8	1.9
k(Z+jets)	15.9	24.4	27.3	-15.5	-16.1	-36.0	-38.1	-15.2	-27.5	-14.0	-0.5	1.2	0.1	-24.4	18.6	7.0	-1.8	100.0	26.0	8.5
k($t\bar{t}$)	15.8	-0.6	13.0	-3.3	-0.4	-2.6	-17.6	-16.5	0.3	-57.0	18.6	17.4	18.1	15.6	-2.6	28.8	-4.8	26.0	100.0	-10.0
μ(tHq)	0.2	0.5	0.3	-6.5	1.5	-3.6	-1.5	2.3	-0.3	-7.3	-3.1	-2.9	-3.0	-2.1	-30.0	-33.3	1.9	8.5	-10.0	100.0