Systematic	Signal/Background	Rate/Shape	4 jets	5 jets	6 jets
Jet trigger efficiency	Signal	Rate	0.6 %	0.6 %	0.6 %
Luminosity	Signal	Rate	1.6 %	1.6 %	1.6 %
PDFs	Signal	Rate	1.5 %	1.5 %	1.5 %
QCD scales	Signal	Rate	14.0 %	14.0 %	14.0 %
Fully hadronic bHbH event mode					
Low-mass BJTF	Background	Rate	70.7 %	18.9 %	13.5 %
Background fit p_0	Background	Shape	9.7 %	9.6 %	9.6 %
BJTF fit form	Background	Rate	5.6 %	21.4 %	0.1 %
BJTF fit p_0	Background	Shape	9.7 %	9.6 %	9.6 %
Jet tag scale factors	Signal	Shape	4.6 %	5.8 %	7.1 %
Jet energy resolution	Signal	Shape	0.3 %	1.4 %	2.0 %
Jet energy scale	Signal	Shape	1.3 %	2.1 %	3.4 %
Pileup	Signal	Shape	0.3 %	0.3 %	1.5 %
Fully hadronic bHbZ event mode					
Low-mass BJTF	Background	Rate	17.2 %	8.2 %	14.6 %
Background fit p_0	Background	Shape	9.7 %	9.6 %	9.4 %
BJTF fit form	Background	Rate	0.7 %	1.5 %	1.3 %
BJTF fit p_0	Background	Shape	9.7 %	9.6 %	9.4 %
Jet tag scale factors	Signal	Shape	4.8 %	5.7 %	7.2 %
Jet energy resolution	Signal	Shape	0.2 %	1.0 %	1.6 %
Jet energy scale	Signal	Shape	1.2 %	0.3 %	1.4 %
Pileup	Signal	Shape	0.1 %	0.0 %	1.1 %
Fully hadronic bZbZ event mode					
Low-mass BJTF	Background	Rate	20.9 %	3.8 %	4.5 %
Background fit p_0	Background	Shape	9.8 %	9.8 %	9.5 %
BJTF fit form	Background	Rate	10.4 %	0.0 %	34.3 %
BJTF fit p_0	Background	Shape	9.8 %	9.8 %	9.5 %
Jet tag scale factors	Signal	Shape	5.0 %	5.0 %	4.9 %
Jet energy resolution	Signal	Shape	0.3 %	0.5 %	1.0 %
Jet energy scale	Signal	Shape	1.0 %	2.8 %	3.9 %
Pileup	Signal	Shape	0.4 %	0.1 %	0.2 %
Fully hadronic bHtW event mode					
Low-mass BJTF	Background	Rate	—	7.4 %	3.2 %
Background fit p_0	Background	Shape	—	9.4 %	10.2 %
BJTF fit form	Background	Rate	—	0.3 %	0.6 %
BJTF fit p_0	Background	Shape	—	9.4 %	10.2 %
Jet tag scale factors	Signal	Shape	—	4.1 %	5.6 %
Jet energy resolution	Signal	Shape	—	0.7 %	0.4 %
Jet energy scale	Signal	Shape	—	0.3 %	1.5 %
Pileup	Signal	Shape	—	0.1 %	0.7 %
Fully hadronic bZtW event mode					
Low-mass BJTF	Background	Rate	—	8.0 %	1.6 %
Background fit p_0	Background	Shape	—	9.7 %	10.6 %
BJTF fit form	Background	Rate	—	0.6 %	1.9 %
BJTF fit p_0	Background	Shape	—	9.7 %	10.6 %
Jet tag scale factors	Signal	Shape	—	3.6 %	4.1 %
Jet energy resolution	Signal	Shape	—	1.0 %	0.4 %
Jet energy scale	Signal	Shape	—	0.5 %	1.4 %
Pileup	Signal	Shape	—	0.0 %	0.6 %