

NONres

- Impacts on mu for bbbb (dominant channel) and combined with mu=1 injected

bbbb		comb	
Total	0.353	Total	0.321
DataStat	0.288	DataStat	0.259
FullSyst	0.203	FullSyst	0.189
Btagging	0.119	Btagging	0.101
QCDttbar	0.143	Jets	0.069
Signal theory	0.010	MCStat	0.048
Jets	0.068	Signal theory	0.027
Lumi	0.029	Lumi	0.031
		Leptons	0.015
		MET	0.006
		Photons	0.001
		Rest	0.121

NONres

- Impacts on μ for bbyy and bbtatau with $\mu=1$ injected

bbyy		bbtatau	
Total	0.627	Total	0.820
DataStat	0.602	DataStat	0.612
FullSyst	0.175	FullSyst	0.545
Jets	0.070	MCStat	0.314
Signal theory	0.064	Jets	0.252
Photons	0.035	Signal theory	0.160
CrystalBallParam	0.039	Rest	0.153
Lumi	0.031	Btagging	0.107
Btagging	0.020	Leptons	0.114
MCStat	0.016	Lumi	0.044
Rest	0.008	MET	0.041

RES 300 low mass

- Impacts on mu for bbyy and **bbautau** and combined with mu=1 injected

bbyy		comb	bbautau	+	-
Total	0.782	Total 0.649	Total	1.48	43.182
DataStat	0.761	DataStat 0.597	DataStat	1.125	0.986
FullSyst	0.173	FullSyst 0.251	FullSyst	0.963	43.171
Jets	0.116	MCStat 0.130	MCStat	0.595	42.56
Signal theory	0.065	Jets 0.098	Signal theory	0.4	10.541
Photons	0.035	Signal theory 0.064	Jets	0.385	31.287
DataDrivenEffi	0.044	Leptons 0.065	Rest	0.197	15.143
Lumi	0.031	Lumi 0.039	Btagging	0.172	16.164
Btagging	0.027	Btagging 0.037	Leptons	0.31	35.378
MCStat	0.019	Photons 0.024	MET	0.093	17.7
Rest	0.002	MET 0.023	Lumi	0.09	8.654
		Rest 0.039			

RES 500 low mass

- Impacts on mu for bbyy and bbtatau and combined with mu=1 injected

bbyy		bbtatau		comb	
Total	0.521	Total	0.476	Total	0.341
DataStat	0.499	DataStat	0.314	DataStat	0.263
FullSyst	0.148	FullSyst	0.354	FullSyst	0.217
Jets	0.119	Jets	0.210	Jets	0.111
Signal theory	0.063	Signal theory	0.168	MCStat	0.072
Photons	0.034	MCStat	0.138	Signal theory	0.061
Lumi	0.030	Leptons	0.125	Leptons	0.065
DataDrivenEffi	0.027	Rest	0.084	Btagging	0.020
Btagging	0.026	Btagging	0.030	Lumi	0.021
MCStat	0.018	Lumi	0.013	Photons	0.015
Rest	0.001	MET	0.024	MET	0.015
				Rest	0.046