

6j4b phase space	Observed z score								
	$\Delta R(\text{bb}^{\text{add.}})$	$m(\text{bb}^{\text{add.}})$	$p_{\text{T}}(\text{bb}^{\text{add.}})$	$p_{\text{T}}(\text{b}_1^{\text{add.}})$	$p_{\text{T}}(\text{b}_2^{\text{add.}})$	$ \eta(\text{bb}^{\text{add.}}) $	$ \eta(\text{b}_1^{\text{add.}}) $	$ \eta(\text{b}_2^{\text{add.}}) $	
MG5_aMC+P8 $t\bar{t}$ +jets FxFx 5FS	1.09	0.81	0.83	1.14	0.86	0.30	1.51	0.27	
MG5_aMC+P8 $t\bar{t}b\bar{b}$ 4FS	-1.86	-0.14	0.72	1.69	1.27	0.51	1.49	-0.09	
POWHEG+H7 $t\bar{t}$ 5FS	3.62	2.45	2.58	2.61	1.05	0.19	1.25	-0.33	
POWHEG+OL+P8 $t\bar{t}b\bar{b}$ 4FS	-2.24	-1.43	1.48	2.17	0.90	0.29	1.09	-0.36	
POWHEG+P8 $t\bar{t}$ 5FS	-1.21	-0.68	2.24	2.52	0.83	0.95	1.44	-0.57	