

	S1 models			S2 models		
	EB	EE+	EE-	EB	EE+	EE-
Learning rate	0.05	0.05	0.05	0.05	0.1	0.1
Maximum tree depth	9	9	9	8	8	8
γ (minimum loss reduction for split)	1	1	1	1	1	1
Maximum delta step	1	1	1	1	1	1
Maximum number of estimators (trees)	400	400	400	400	400	400
L1 regularisation	0.05	0.05	0.05	0.05	0.05	0.05
L2 regularisation	2	2	2	2	2	2
β (SWD)	—	—	—	0.01	0.0025	0.0025
Number of SWD slices	—	—	—	500	500	500
Number of MC events per SWD slice	—	—	—	500k	500k	500k
σ_0 (Gaussian noise regularisation)	—	—	—	0.1	0	0
τ (temperature scaling)	1	1	1	0.9	1.1	1.1
w_{ceil} (weight clipping)	100	100	100	100	100	100