

Average Hyperparameter Interactions for HPO

Hyperparameter

Data Aug. Factor		0.74	1.25	0.20	0.51	1.24	0.31	0.70
Foreground Oversamp.	0.74		2.57	0.44	2.03	2.05	0.57	1.28
Initial LR	1.25	2.57		0.44	1.94	9.31	6.89	1.97
LR Scheduler	0.20	0.44	0.44		0.25	0.27	0.12	0.33
Loss Function	0.51	2.03	1.94	0.25		1.70	0.35	1.36
Momentum (SGD)	1.24	2.05	9.31	0.27	1.70		0.43	1.24
Optimizer	0.31	0.57	6.89	0.12	0.35	0.43		0.50
Weight Decay	0.70	1.28	1.97	0.33	1.36	1.24	0.50	

Data Aug. Factor

Foreground Oversamp.

Initial LR

LR Scheduler

Loss Function

Momentum (SGD)

Optimizer

Weight Decay

Hyperparameter

Interaction [%]