Table 13. Hyperparameter configurations for baselines and M2NO on ERA5 benchmark.

MODEL	HYPERPARAMETER	CONFIGURATION
UNET	INIT_FEATURE	64
FNO	LAYERS	[16,24,24,32,32]
	MODE1	[32,15,12,9,9,9]
	MODE2	[32,15,12,9,9,9]
	WIDTH	64
	FC_DIM	128
MGNO	NUM_LAYER	5
	NUM_CHANNEL_U	64
	NUM_ITERATION	[[1,0], [1,0], [1,0], [2,0], [2,0]]
MWT	ALPHA	12
	C	4
	K	4
	NCZ	4
	BASE	'LEGENDRE'
LSM	WIDTH	32
	NUM_TOKEN	4
	NUM_BASIS	4
	PATCH_SIZE	[2,2]
	PADDING	[0,0]
TRANSOLVER	N_HIDDEN	64
	N_LAYERS	3
	N_HEAD	2
	SLICE_NUM	16
M2NO	NUM_LAYER	3
	K	4
	C	2
	GRID_LEVEL	[1, 1, 1, 1, 1]