

Layer Type	Output Shape	Activation	Parameters
Input	(num_samples_lead2, 1)	None	0
Conv1D	(num_samples_lead2/2, 32)	ReLU	256
BatchNorm1D	(num_samples_lead2/2, 32)	None	128
MaxPool1D	(num_samples_lead2/4, 32)	None	0
Dropout	(num_samples_lead2/4, 32)	None	0
Conv1D	(num_samples_lead2/8, 64)	ReLU	4,160
BatchNorm1D	(num_samples_lead2/8, 64)	None	256
MaxPool1D	(num_samples_lead2/16, 64)	None	0
Dropout	(num_samples_lead2/16, 64)	None	0
Flatten	(num_samples_lead2/16 * 64,)	None	0
Dense	(128,)	ReLU	8,320
Dropout	(128,)	None	0
Dense	(8,)	None	1,032

Table 1: Lead Interpolation Model Architecture