

Trained on 2022 Data

Model	Single element			With inter-element dependence		
	2022	2023	2024	2022	2023	2024
Simple LSTM	0.005388	0.022403	0.011605	0.008818	0.010958	0.059884
LSTMVAE	0.002927	0.012557	0.008828	0.009910	0.010217	0.058492
Transformer	0.004179	0.037614	0.031433	0.005023	0.011004	0.054556
Ensemble	0.004192	0.032943	0.023147	0.005005	0.010518	0.057575

Trained on 2023 Data

Model	Single element			With inter-element dependence		
	2022	2023	2024	2022	2023	2024
Simple LSTM	0.006406	0.020956	0.011778	0.019502	0.003988	0.052161
LSTMVAE	0.003636	0.009937	0.005073	0.020284	0.004144	0.049397
Transformer	0.006806	0.020100	0.009632	0.062851	0.001405	0.055535
Ensemble	0.006344	0.019436	0.009880	0.090349	0.001326	0.057561

Trained on 2024 Data

Model	Single element			With inter-element dependence		
	2022	2023	2024	2022	2023	2024
Simple LSTM	0.098397	0.084769	0.019681	0.036444	0.029298	0.026493
LSTMVAE	0.023442	0.027111	0.009784	0.034087	0.029149	0.023929
Transformer	0.087191	0.081946	0.011079	0.046075	0.041988	0.021584
Ensemble	0.084167	0.079687	0.010777	0.053111	0.045361	0.023613