Table 1: Comparison of NH_3N valid loss and test loss from 1/16 to 1/22.

GRU	Test loss mean	Valid loss mean	LSTM	Test loss mean	Valid loss mean
sg7	0.0383	1.2508	ew3	0.0388	**1.0796**(1)
sg5	0.0385	1.2644	sg7	0.0388	1.1804
ew2	0.0389	**1.1891**(1)	sg5	0.0388	1.2346
ew4	0.0391	**1.2390**(3)	ew2	0.0392	**1.0969**(2)
ew3	0.0392	**1.2199**(2)	ew4	0.0395	**1.1219**(3)
sg9	0.0396	1.3097	or	0.0398	1.2612
or	0.0405	1.3993	obs	0.0405	1.2366
obs	0.0414	1.3638	sg9	0.0410	1.3076

Table 2: Comparison of NH_3N valid loss and test loss from 10/10 to 10/16.

GRU	Test loss mean	Valid loss mean	LSTM	Test loss mean	Valid loss mean
ew3	0.0167	**1.2199**(2)	ew2	0.0161	**1.0969**(2)
ew4	0.0169	**1.2390**(3)	ew3	0.0158	**1.0796**(1)
ew2	0.0170	**1.1891**(1)	ew4	0.0163	**1.1219**(3)
sg9	0.0174	1.3097	obs	0.0175	1.2366
sg5	0.0178	1.2644	or	0.0177	1.2612
sg7	0.018	1.2508	sg5	0.0166	1.2346
or	0.0187	1.3993	sg7	0.018	1.1804
obs	0.0189	1.3638	sg9	0.0188	1.3076