

Methods		n	Metrics																				
			SSE	CRPS	DSS	IS1	SSE	CRPS	DSS	IS1	SSE	CRPS	DSS	IS1	SSE	CRPS	DSS	IS1	SSE	CRPS	DSS	IS1	
SSE	200	200	1.0	0.07	1.0	1.0	1.0	0.01	0.76	0.28	1.0	0.16	0.0	0.0	1.0	nan	0.96	1.0	1.0	nan	1.0	1.0	1.0
SSE	400	400	1.0	0.49	1.0	1.0	1.0	0.16	0.67	0.96	1.0	nan	0.56	0.0	1.0	nan	1.0	0.98	1.0	nan	1.0	0.98	0.98
SSE	800	800	1.0	0.18	0.02	0.68	1.0	0.02	0.0	0.3	1.0	nan	0.0	0.01	1.0	nan	1.0	0.99	1.0	nan	1.0	0.99	0.99
SSE	1600	1600	1.0	0.93	1.0	0.99	1.0	0.06	0.13	0.77	1.0	0.16	0.93	0.0	1.0	0.84	1.0	1.0	1.0	0.84	1.0	1.0	1.0
CRPS	200	200	0.93	1.0	1.0	1.0	0.99	1.0	1.0	1.0	0.84	1.0	0.0	0.0	nan	1.0	0.82	1.0	nan	1.0	1.0	1.0	1.0
CRPS	400	400	0.85	1.0	1.0	1.0	0.84	1.0	0.95	1.0	nan	1.0	0.29	0.0	nan	1.0	1.0	0.98	nan	1.0	1.0	0.98	0.98
CRPS	800	800	0.96	1.0	0.23	1.0	0.98	1.0	0.0	1.0	nan	1.0	0.0	0.0	nan	1.0	1.0	0.99	nan	1.0	1.0	0.99	0.99
CRPS	1600	1600	0.16	1.0	1.0	0.99	0.94	1.0	0.99	1.0	0.84	1.0	0.88	0.0	0.84	1.0	1.0	1.0	0.84	1.0	1.0	1.0	1.0
DSS	200	200	0.99	0.99	1.0	1.0	1.0	0.99	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.98	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DSS	400	400	0.07	0.11	1.0	0.98	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.75	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DSS	800	800	0.59	0.43	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.99	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DSS	1600	1600	0.0	0.0	1.0	0.35	1.0	0.98	1.0	1.0	0.96	0.95	1.0	0.16	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
IS1	200	200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
IS1	400	400	1.0	1.0	1.0	1.0	0.98	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
IS1	800	800	1.0	1.0	1.0	1.0	0.98	0.95	0.82	1.0	1.0	1.0	0.64	1.0	0.99	0.99	1.0	1.0	0.99	0.99	1.0	1.0	1.0
IS1	1600	1600	0.98	0.99	1.0	1.0	0.92	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Table 1: Test data

Methods		n	Metrics																			
			SSE	CRPS	DSS	IS1	SSE	CRPS	DSS	IS1	SSE	CRPS	DSS	IS1	SSE	CRPS	DSS	IS1	SSE	CRPS	DSS	IS1
SSE	200	200	1.0	0.37	0.99	0.12	1.0	0.02	0.84	0.01	1.0	0.16	0.01	0.0	1.0	nan	0.92	0.11	1.0	nan	0.93	0.11
SSE	400	400	1.0	0.88	1.0	0.99	1.0	0.29	0.69	0.65	1.0	nan	0.91	0.0	1.0	nan	1.0	0.67	1.0	nan	1.0	0.67
SSE	800	800	1.0	0.04	0.03	0.93	1.0	0.03	0.01	0.56	1.0	nan	0.0	0.01	1.0	nan	0.98	0.96	1.0	nan	0.98	0.96
SSE	1600	1600	1.0	0.12	1.0	0.56	1.0	0.04	0.2	0.69	1.0	0.16	0.95	0.0	1.0	0.84	1.0	1.0	1.0	0.84	1.0	1.0
CRPS	200	200	0.8	1.0	0.99	0.53	0.98	1.0	0.99	0.59	0.84	1.0	0.0	0.0	nan	1.0	0.9	0.13	nan	1.0	0.93	0.13
CRPS	400	400	0.05	1.0	0.98	0.96	0.71	1.0	0.94	0.94	nan	1.0	0.66	0.0	nan	1.0	1.0	0.66	nan	1.0	1.0	0.66
CRPS	800	800	0.92	1.0	0.34	1.0	0.97	1.0	0.07	1.0	nan	1.0	0.0	0.0	nan	1.0	0.99	0.96	nan	1.0	0.99	0.96
CRPS	1600	1600	0.86	1.0	1.0	0.76	0.96	1.0	0.99	1.0	0.84	1.0	0.9	0.0	0.16	1.0	1.0	1.0	0.16	1.0	1.0	1.0
DSS	200	200	0.74	0.52	1.0	0.99	0.86	0.57	1.0	1.0	0.97	0.99	1.0	1.0	0.97	0.97	1.0	1.0	0.99	0.99	1.0	1.0
DSS	400	400	0.05	0.32	1.0	0.98	1.0	1.0	1.0	1.0	0.99	0.99	1.0	0.9	0.98	0.98	1.0	1.0	0.98	0.98	1.0	1.0
DSS	800	800	0.74	0.24	1.0	0.98	1.0	0.99	1.0	1.0	1.0	1.0	1.0	0.99	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DSS	1600	1600	0.0	0.0	1.0	0.02	0.99	0.89	1.0	1.0	0.97	0.96	1.0	0.23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
IS1	200	200	0.99	0.99	1.0	1.0	1.0	0.99	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.98	1.0	1.0	0.98	0.98	1.0	1.0
IS1	400	400	0.23	0.52	1.0	1.0	0.89	0.96	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.98	1.0	1.0	0.98	0.98	1.0	1.0
IS1	800	800	0.62	0.13	0.86	1.0	0.96	0.68	0.68	1.0	1.0	1.0	0.63	1.0	0.9	0.9	1.0	1.0	0.9	0.9	1.0	1.0
IS1	1600	1600	0.97	0.91	1.0	1.0	0.93	0.82	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Table 2: Training data