

Experiments results for c1.medium Instance type

TABLE I: Experiment 1. Summary of errors for next hour prediction. Highlighted values correspond to algorithms that obtained the best performance.

	Month	MSE 1 hour				MSE 12 hours				MSE 24 hours			
		A1	A2	A3	A4	A1	A2	A3	A4	A1	A2	A3	A4
High	SET	0.02042041	0.03229209	0.02775556	0.02944656	0.06135562	0.02517261	0.01513133	0.01632727	0.12967908	0.01980742	0.01358441	0.01210091
	NOV	0.03392964	0.00005625	0.00133225	0.00013689	0.04409859	0.00073407	0.00518970	0.00450108	0.04358352	0.00566459	0.00524201	0.00454446
	OCT	0.00002601	0.00000001	0.00000484	0.00000256	0.00002743	0.00000035	0.00013278	0.00004440	0.00001850	0.00000095	0.00095251	0.00007700
Medium	APR	0.00000484	0.00000009	0.00001444	0.00000016	0.00001905	0.00008401	0.00045538	0.02027219	0.00001118	0.00012413	0.00033046	0.01032471
	FEB	0.00002025	0.00000400	0.00004356	0.00000001	0.00003076	0.00000249	0.00073535	0.00006034	0.00004124	0.00000888	0.00302865	0.00007300
	AUG	0.00014641	0.00216225	0.00131044	0.00148225	0.00249384	0.01060064	0.00795652	0.01324233	0.01018920	0.01619529	0.00977763	0.01154441
	MAR	0.00000001	0.00000001	0.00000001	0.00000001	0.00000002	0.00000006	0.00000006	0.00000007	0.00000002	0.00000009	0.00000003	0.00000004
Low	MAY	0.00000000	0.00000000	0.00000000	0.00000000	0.00000002	0.00000000	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000	0.00000000
	JUN	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
	JUL	0.00000000	0.00000000	0.00000000	0.00000000	0.00000001	0.00000000	0.00000001	0.00000000	0.00000001	0.00000000	0.00000001	0.00000000

TABLE II: Experiment 2. Summary of errors for next half-day prediction. Highlighted values correspond to algorithms

	Month	MaxPE 1 hour				MaxPE 12 hour				MaxPE 24 hour			
		A1	A2	A3	A4	A1	A2	A3	A4	A1	A2	A3	A4
High	SET	0.14290000	0.17970000	0.16660000	0.17160000	0.32270000	0.17970000	0.16790000	0.17160000	0.32270000	0.17970000	0.16790000	0.17160000
	NOV	0.00000000	0.00750000	0.00000000	0.00000000	0.21900000	0.04530000	0.00000000	0.00060000	0.34950000	0.23450000	0.11210000	0.15570000
	OCT	0.00510000	0.00010000	0.00000000	0.00160000	0.00560000	0.00090000	0.00000000	0.00940000	0.00560000	0.00170000	0.00000000	0.01130000
Medium	APR	0.00000000	0.00030000	0.00000000	0.00040000	0.00520000	0.00030000	0.00000000	0.00040000	0.00520000	0.00030000	0.00000000	0.00500000
	FEB	0.00000000	0.00030000	0.00000000	0.00040000	0.00000000	0.00200000	0.04060000	0.00010000	0.00990000	0.00200000	0.04060000	0.00010000
	AUG	0.00000000	0.00000000	0.00000000	0.00000000	0.09400000	0.00000000	0.00000000	0.00000000	0.09400000	0.00000000	0.00000000	0.00000000
	MAR	0.00010000	0.00010000	0.00010000	0.00010000	0.00020000	0.00040000	0.00050000	0.00050000	0.00030000	0.00040000	0.00050000	0.00050000
Low	MAY	0.00000000	0.00000000	0.00000000	0.00000000	0.00020000	0.00000000	0.00000000	0.00000000	0.00020000	0.00000000	0.00000000	0.00000000
	JUN	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00010000	0.00000000	0.00000000	0.00000000	0.00010000	0.00010000
	JUL	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00010000	0.00000000	0.00000000	0.00000000	0.00010000	0.00000000

TABLE III: Experiment 3. Summary of errors for next day prediction. Highlighted values correspond to algorithms

	Month	MeanPE 1 hour				MeanPE hours				MeanPE 24 hour			
		A1	A2	A3	A4	A1	A2	A3	A4	A1	A2	A3	A4
High	SET	0.14290000	0.17970000	0.16660000	0.17160000	0.15025000	0.14534167	0.10420000	0.11286667	0.07727500	0.11530833	0.06261667	0.07597500
	NOV	0.00000000	0.00750000	0.00000000	0.00000000	0.03033333	0.02248333	0.00000000	0.00005000	0.04899583	0.04887083	0.00910833	0.01332917
	OCT	0.00510000	0.00010000	0.00000000	0.00160000	0.00523333	0.00054167	0.00000000	0.00619167	0.00316250	0.00087917	0.00000000	0.00832500
Medium	APR	0.00000000	0.00030000	0.00000000	0.00040000	0.00410833	0.00002500	0.00000000	0.00003333	0.00225000	0.00001250	0.00000000	0.00030833
	FEB	0.00000000	0.00200000	0.00660000	0.00010000	0.00000000	0.00086667	0.02488333	0.00000833	0.00336667	0.00043333	0.01398333	0.00000417
	AUG	0.00000000	0.00000000	0.00000000	0.00000000	0.03185833	0.00000000	0.00000000	0.00000000	0.01631250	0.00000000	0.00000000	0.00000000
	MAR	0.00010000	0.00010000	0.00010000	0.00010000	0.00006667	0.00010833	0.00015833	0.00016667	0.00009167	0.00005417	0.00007917	0.00011667
Low	MAY	0.00000000	0.00000000	0.00000000	0.00000000	0.00013333	0.00000000	0.00000000	0.00000000	0.00009167	0.00000000	0.00000000	0.00000000
	JUN	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00007500	0.00000000	0.00000000	0.00000000	0.00004583	0.00000417
	JUL	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00005833	0.00000000	0.00000000	0.00000000	0.00002917	0.00000000