

Table 1: Average weighted RMSE over all test segments. An aggregation (using the average) is preformed for different prediction horizons.

Convmax-sigmoid	SVM	KNN	LSTM-network-wide	LSTM
4.52511560020949	4.22994741601974	4.49268488735933	4.35940996785367	4.28635267489422
4.52247720306661	4.40994533271113	4.60746464591505	4.42624552136473	4.45521096269971
4.53267517285789	4.50404075800375	4.68769685132173	4.49263117565674	8.84720135847705
4.55202750343037	4.58905712442499	4.76292898715586	4.55380274593956	4.69984815566037
4.57021524074741	4.65597275784069	4.84494904579342	4.60193873949492	4.80458643324156
4.58750009856871	4.72390851202037	4.89155503009828	4.65845081763934	4.88156965686844
4.61032778329862	4.79095686656126	4.95996737971047	4.69706998449349	4.96328528760491
4.64831217697712	4.8539132036369	5.01334746586595	4.75549062146625	6.38485404358952
4.66915564342151	4.89659269639918	5.09615290649598	6.17691366189892	9.72468602236811
4.70280414052315	4.94048863867322	5.1576500248413	4.84042745326196	6.48828405601536
4.72468152118126	4.99013477372783	5.21679976404561	6.25879386745699	5.20988880113328
4.75696821169395	5.02041908857392	5.29221709553857	4.92970086580907	8.11076330646874
4.77302561760802	5.07330421927879	5.33662629922415	4.95018291610821	5.29814421611441
4.77968649628492	5.10572120434266	5.3800538361567	4.99246975110806	6.98069402204163
4.79570079612873	5.13718986516055	5.41143183891548	5.92160929854245	10.3203796044207
4.80927687558528	5.16273764345116	5.44321138168944	5.0362263231142	8.23532077300022
4.82907066340129	5.18658438823052	5.47256513886297	5.05112706162596	5.43992958069823
4.83778990673414	5.20157174551419	5.4768586207872	5.06302607127874	6.32742061486867
4.85808633837389	5.22192597187467	5.46521703637675	5.05962720542877	5.46574726142792
4.87002139095745	5.2348426479214	5.52009259696565	5.96516086818985	5.47766938155461
4.88219900701148	5.24067052712581	5.5414642838455	5.05726235487768	5.5041148102631
4.88694049717243	5.24402804457122	5.57929838092501	6.73564007622485	5.51236451602984
4.89044832540939	5.25012436658714	5.57219919281087	5.06384184062564	10.0077953629636
4.89274445791125	5.25604071092306	5.53894955060469	5.06652096044601	10.0152881492474
4.89438674795986	5.25934229325371	5.54794825248048	5.0535823063362	8.69200468363636
4.89692276343685	5.26031728126612	5.55108434874398	5.05685321374974	7.2039435685917
4.89930956591294	5.26600436038766	5.54410130618407	5.04337804021076	5.55667322087795
4.89903019766367	5.26571392970023	5.55767310306761	5.04299046104824	11.9598919448461
4.88480819896135	5.28280121242618	5.57265597132103	5.03367683047208	7.13472436475394
4.87214839653449	5.28917449639431	5.56298937009787	5.93318344631689	5.58569914788232
4.86523800842566	5.29689905208968	5.56370821304625	5.02736436812854	5.59589116538403
4.86227872895962	5.30530210868028	5.57023484172852	5.03499993817905	5.60502023120585
4.84861292708576	5.30765512928267	5.58538658941303	5.03584362457734	6.47226549738189
4.84665002653564	5.30638585104854	5.61239293490256	5.04944136443398	5.61625275288058
4.85296228716982	5.30114638992676	5.61711675255053	5.04779285457453	7.72990925667462
4.84544862050576	5.30310094072342	5.65939795879669	6.5567515728943	7.11828352139473
4.8431613518583	5.30619549234499	5.6789727966292	5.0681999774848	5.64154433985601
4.84040434858691	5.31675338363237	5.68786588441674	5.09180619633375	6.96435963437934
4.84793694317702	5.3241184977722	5.70450557419371	5.11005158829215	5.64906548144858
4.85237106493221	5.33694835167838	5.75658253289794	5.11596356412004	10.1307561193099
4.85105961968685	5.3379194691808	5.76192785146312	6.0208761537946	6.97055792859713
4.85308478969852	5.34624055197341	5.79200968058528	5.14340618095336	5.66965587180615
4.86166863968851	5.3357888175621	5.80623563387965	5.14602670026663	5.66787787550134
4.86974125386918	5.33554561106802	5.80028410611498	5.17126062133202	5.67564750587212
4.88067164024504	5.33982675156076	5.8499591199339	5.18897640837716	8.81035932668971
4.89831087106263	5.34726534529794	5.86533481315619	5.18116011681635	5.67604429081172
4.91341728823515	5.35884397489291	5.88949161727709	5.21645303001431	7.87057620800775
4.92894023203207	5.36520672726514	5.92103636417042	5.21712636090986	9.21848746790032