

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

convmax-sigmoid	KNN	SVM	LSTM-network-wide	LSTM
4.52511560020949	4.55556579503476	4.25632854644377	4.45239332422912	4.28916515047182
4.52247720306661	4.62836731542034	4.41511282783176	4.43606300266546	4.44545254870071
4.53267517285789	4.67161792976504	4.49702068648282	4.46123178942762	6.77239015593374
4.55202750343037	4.71498611510398	4.56594107639902	4.48163457270581	7.9151972177522
4.57021524074741	4.75614159886721	4.62060372368372	4.51455835560108	4.80473402936125
4.58750009856871	4.78661619536623	4.66937669794873	4.55055882535497	7.83431386004261
4.61032778329862	4.83725103759707	4.72254230567429	4.6068300277485	6.45802951405697
4.64831217697712	4.89067928101122	4.76882300012159	4.67704605861451	6.68602217520508
4.66915564342151	4.95237354060492	4.80713757497683	4.73102166428305	5.08732312337822
4.70280414052315	5.01375512024321	4.85742395870822	4.76340591946548	8.02625971408545
4.72468152118126	5.07978779064489	4.89444694807702	4.80923027833179	5.20666339852989
4.75696821169395	5.10374805339951	4.93758122751634	4.82649436512901	5.25293521276785
4.77302561760802	5.14075557599091	4.97822315388538	4.83332701676656	8.19312160667297
4.77968649628492	5.16763873726	5.01250560901812	4.84296778902546	5.32888806889103
4.79570079612873	5.21102420572082	5.04034842872995	6.21400293003328	6.71185536811748
4.80927687558528	5.2407666338638	5.07486615322149	4.86630986584597	6.89763632672145
4.82907066340129	5.2658578111514	5.08675517321283	6.19475585064295	6.98397057092896
4.83778990673414	5.32191418204247	5.10564939307798	4.85764606196172	5.449675112936
4.85808633837389	5.31843906139909	5.12588351740165	4.85209608784314	5.46781502517457
4.87002139095745	5.33919019536496	5.13238393987641	4.87955438531084	5.48277921529568
4.88219900701148	5.37312887477952	5.13946457631436	4.8707297385309	5.51072279522927
4.88694049717243	5.39757832916716	5.1511191570308	4.88466631148393	5.51441823561212
4.89044832540939	5.43920051774509	5.16933986321148	4.88793116038689	5.53630005526683
4.89274445791125	5.45145752539394	5.17904384692092	4.87955924487307	7.03391652838739
4.89438674795986	5.49324573318158	5.19631832991649	4.89265351719665	7.2059525293198
4.89692276343685	5.53489748970068	5.19420226947126	4.8964454444738	7.1034686463974
4.89930956591294	5.52403331326624	5.20199715495647	4.91464382692425	5.56314156440153
4.89903019766367	5.54139328665416	5.20730115794974	4.91800985815877	5.5754715124541
4.88480819896135	5.5717675236998	5.21026534322094	4.91095991716261	7.23680225449441
4.87214839653449	5.54712338392224	5.20334469732713	6.46154008119504	10.7026907580151
4.86523800842566	5.56573408006324	5.19712938768239	4.91493153651186	11.6359669944651
4.86227872895962	5.57551049132341	5.2002771318175	4.90465714717347	5.60953157266972
4.84861292708576	5.60379942293732	5.19900851872282	4.91076510217642	8.61237900523251
4.84665002653564	5.62514078706605	5.21033582614268	4.91156441559483	5.6253357015337
4.85296228716982	5.63891998582019	5.22160854249855	4.91475405149062	7.17896034949192
4.84544862050576	5.68016141335774	5.22790017601187	4.9071781991314	5.63532270047613
4.8431613518583	5.71743962287518	5.22639991842448	4.91450880828958	7.19671956520381
4.84040434858691	5.74662468590855	5.22446323258914	6.45599111208952	5.64907372326144
4.84793694317702	5.76451088774258	5.22434340162612	6.26178054381555	5.65478198115751
4.85237106493221	5.78517984825659	5.22296889340491	4.91284351043097	5.65979218220607
4.85105961968685	5.80789071278241	5.22376581210431	4.94993524409823	5.66809112507409
4.85308478969852	5.83042423429138	5.22960110762186	4.96182419108866	7.33232013896464
4.86166863968851	5.85075673877378	5.23020337006289	4.94931734753301	5.67567969103611
4.86974125386918	5.89628270168122	5.2315888982827	6.32562795561377	5.67999734675374
4.88067164024504	5.89831594913472	5.24519039270485	4.98169660528059	5.67871925411267
4.89831087106263	5.89827170730829	5.25983832315835	6.34375667537431	6.99193583457771
4.91341728823515	5.91069314413963	5.2668584131576	5.01518162261825	8.34821268582548
4.92894023203207	5.92125178118349	5.28336997840455	5.02265579456952	9.26433486315767