Final experiments (25 quantiles, 50 ensemble)

Tourism_monthly NHITS

	MASE	SMAPE	MEAN
SeasonalMBB	1.188631	0.079429	0.634030
Jittering	1.204690	0.079975	0.642333
Scaling	1.196962	0.080326	0.638644
TimeWarping	1.239038	0.081528	0.660283
MagnitudeWarping	1.196056	0.080030	0.638043
TSMixup	1.206750	0.079516	0.643133
DBA	1.194380	0.080073	0.637226
original	1.187969	0.080684	0.634326
qgts(25)	**1.185706**	**0.079834**	**0.632770**
qgtse(50)	**1.181362**	**0.079395**	**0.630378**
SeasonalNaive	1.344768	0.091202	0.717985

dtype: float64

M3 quarterly NHITS

	MASE	SMAPE	
SeasonalMBB	1.193201	0.050899	0.622050
Jittering	1.173152	0.050267	0.611710
Scaling	1.099019	0.046371	0.572695
TimeWarping	1.133392	0.048095	0.590743
MagnitudeWarping	1.207143	0.052505	0.629824
TSMixup	1.196142	0.050313	0.623228
DBA	1.170288	0.048778	0.609533
original	1.214659	0.052100	0.633380
qgts(25)	**1.196767**	**0.051099**	**0.623933**
qgtse(50)	**1.205696**	**0.050556**	**0.628126**
SeasonalNaive	1.416804	0.057121	0.736962

dtype: float64

	MASE	SMAPE	MEAN
SeasonalMBB	0.761620	0.041659	0.401640
Jittering	0.795884	0.043432	0.419658
Scaling	0.763878	0.041357	0.402617
TimeWarping	0.758349	0.040633	0.399491
MagnitudeWarping	0.772297	0.042985	0.407641
TSMixup	0.768144	0.041523	0.404834
DBA	0.765003	0.041681	0.403342
original	0.794920	0.044191	0.419556
qgts(25)	**0.755141**	**0.041223**	**0.398182**
qgtse(50)	**0.762825**	**0.041781**	**0.402303**
SeasonalNaive	1.091028	0.053089	0.572059

dtype: float64

	MASE	SMAPE	MEAN
SeasonalMBB	0.962075	0.065810	0.513942
Jittering	0.955373	0.066381	0.510877
Scaling	0.941716	0.064297	0.503007
TimeWarping	0.982694	0.065054	0.523874
MagnitudeWarping	0.992160	0.066588	0.529374
TSMixup	0.950408	0.065351	0.507879
DBA	0.969969	0.066706	0.518337
original	0.969180	0.066713	0.517946
qgts(25)	**0.939303**	**0.065217**	**0.502260**
qgtse(50)	**0.931628**	**0.065481**	**0.498554**
SeasonalNaive	1.220704	0.082138	0.651421

dtype: float32

	MASE	SMAPE	MEAN
SeasonalMBB	1.014298	0.051139	0.532719
Jittering	1.029329	0.051700	0.540515
Scaling	1.046585	0.053691	0.550138
TimeWarping	1.084739	0.052314	0.568527
MagnitudeWarping	0.965556	0.048416	0.506986
TSMixup	1.034378	0.051017	0.542697
DBA	1.069186	0.053381	0.561283
original	1.021101	0.050738	0.535919
qgts(25)	**1.031313**	**0.051010**	**0.541162**
qgtse(50)	**1.032660**	**0.050957**	**0.541809**
SeasonalNaive	1.646973	0.081990	0.864482

dtype: float32

	MASE	SMAPE	MEAN
SeasonalMBB	1.624759	0.078393	0.851576
Jittering	1.628367	0.079228	0.853797
Scaling	1.598647	0.078581	0.838614
TimeWarping	1.658433	0.081195	0.869814
MagnitudeWarping	1.627617	0.078408	0.853012
TSMixup	1.516958	0.075380	0.796169
DBA	1.594608	0.076810	0.835709
original	1.586140	0.076778	0.831459
qgts(25)	**1.542703**	**0.075137**	**0.808920**
qgtse(50)	**1.536642**	**0.074948**	**0.805795**
SeasonalNaive	1.701593	0.083059	0.892326

dtype: float64

Tourism quarterly MLP

	MASE	SMAPE	MEAN
SeasonalMBB	1.651277	0.078204	0.864740
Jittering	1.656103	0.078320	0.867211
Scaling	1.586482	0.075740	0.831111
TimeWarping	1.633907	0.078448	0.856178
MagnitudeWarping	1.577544	0.075303	0.826424
TSMixup	1.550223	0.077390	0.813807
DBA	1.587741	0.075735	0.831738
original	1.585478	0.076228	0.830853
qgts(25)	**1.489825**	**0.073140**	**0.781483**
qgtse(50)	**1.487551**	**0.072774**	**0.780163**
SeasonalNaive	1.701593	0.083059	0.892326

dtype: float64

Tourism monthly MLP

	MASE	SMAPE	MEAN
SeasonalMBB	1.192620	0.079207	0.635913
Jittering	1.223096	0.083485	0.653291
Scaling	1.210342	0.081147	0.645744
TimeWarping	1.313840	0.086585	0.700212
MagnitudeWarping	1.203923	0.080060	0.641991
TSMixup	1.219903	0.081472	0.650688
DBA	1.208718	0.080733	0.644725
original	1.193179	0.080366	0.636773
qgts(25)	**1.198438**	**0.080347**	**0.639392**
qgtse(50)	**1.186597**	**0.079467**	**0.633032**
SeasonalNaive	1.344768	0.091202	0.717985

dtype: float64

	MASE	SMAPE	MEAN
SeasonalMBB	1.150477	0.049152	0.599815
Jittering	1.152612	0.049364	0.600988
Scaling	1.109166	0.047160	0.578163
TimeWarping	1.139977	0.049133	0.594555
MagnitudeWarping	1.180421	0.050210	0.615316
TSMixup	1.188804	0.049836	0.619320
DBA	1.238065	0.050709	0.644387
original	1.150806	0.049424	0.600115
qgts(25)	**1.189266**	**0.050243**	**0.619754**
qgtse(50)	**1.192767**	**0.050148**	**0.621458**
SeasonalNaive	1.416804	0.057121	0.736962

dtype: float64

	MASE	SMAPE	MEAN
SeasonalMBB	0.758143	0.040412	0.399278
Jittering	0.765131	0.040725	0.402928
Scaling	0.764824	0.040882	0.402853
TimeWarping	0.768127	0.040959	0.404543
MagnitudeWarping	0.776664	0.041888	0.409276
TSMixup	0.770442	0.040925	0.405684
DBA	0.770388	0.041266	0.405827
original	0.770798	0.041018	0.405908
qgts(25)	**0.778111**	**0.041179**	**0.409645**
qgtse(50)	**0.764767**	**0.040563**	**0.402665**
SeasonalNaive	1.091028	0.053089	0.572059

dtype: float64

	MASE	SMAPE	MEAN
SeasonalMBB	1.046016	0.052083	0.549050
Jittering	1.029732	0.051412	0.540572
Scaling	1.037597	0.053874	0.545736
TimeWarping	1.059288	0.052219	0.555753
MagnitudeWarping	0.981060	0.048957	0.515009
TSMixup	1.052672	0.053345	0.553008
DBA	1.089523	0.054248	0.571885
original	1.065668	0.053774	0.559721
qgts(25)	**1.087194**	**0.054128**	**0.570661**
qgtse(50)	**1.087455**	**0.054125**	**0.570790**
SeasonalNaive	1.646973	0.081990	0.864482

dtype: float32

	MASE	SMAPE	MEAN
SeasonalMBB	0.938036	0.065739	0.501887
Jittering	0.939947	0.065303	0.502625
Scaling	0.926095	0.063650	0.494873
TimeWarping	0.986905	0.065666	0.526285
MagnitudeWarping	0.971597	0.068547	0.520072
TSMixup	0.960577	0.066318	0.513447
DBA	0.962149	0.065654	0.513902
original	0.931617	0.065254	0.498436
qgts(25)	**0.953044**	**0.066685**	**0.509865**
qgtse(50)	**0.952923**	**0.066438**	**0.509680**
SeasonalNaive	1.220704	0.082138	0.651421

dtype: float32