MSE

Sorted by model

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
I1	-13.3678	-41.540588	-11.664341	-34.167935	-11.178206	-17.293333	-11.764971	-20.13959629
I2	-19.278489	-37.85176	-48.904595	-30.245313	-27.188307	-25.579077	-18.455923	-29.643352
I3	-14.416342	-25.452241	-11.70946	-17.951549	-11.458405	-13.708267	-12.978515	-15.38211129
I4	-14.363793	-36.290811	-11.920798	-26.622112	-10.885371	-6.040823	-11.00072	-16.73206114
I5	-13.115001	-31.833752	-11.343201	-23.736713	-7.908221	-9.769874	-9.637803	-15.33493786
I6	-15.671705	-37.373378	-11.601979	-30.753583	-10.505611	-7.518892	-11.490498	-17.84509229
I7	-14.691215	-40.037035	-11.509314	-22.173873	-8.449213	-9.426442	-11.303007	-16.79858557
I8	-17.533724	-41.177677	-12.000284	-19.44223	-11.407005	-13.999894	-14.317782	-18.55408514
I9	-17.159781	-29.000548	-12.544551	-17.827367	-11.74764	-11.625428	-15.367473	-16.46754114
I10	-20.797397	-29.006265	-13.138866	-17.254189	-11.236626	-15.741404	-15.396437	-17.51016914
I11	-20.695388	-24.59648	-12.486055	-25.994277	-12.606888	-16.729513	-15.155111	-18.32338743
I12	-21.006177	-34.797161	-12.702645	-30.641851	-12.169079	-9.885314	-11.771453	-18.99624
I13	-18.643641	-37.292271	-12.050131	-18.16697	-10.346606	-22.380105	-13.41107	-18.89868486
I14	-18.293296	-28.353771	-12.210066	-24.756567	-11.88627	-9.291206	-13.234916	-16.86087029
I15	-22.287949	-33.13003	-12.63247	-29.983788	-11.368905	-8.381086	-11.974792	-18.53700286
I16	-22.988833	-25.844207	-12.759764	-24.76162	-9.700581	-10.533037	-13.484748	-17.15325571
I17	-21.741629	-29.258628	-13.129247	-16.981832	-11.970907	-17.313319	-15.572482	-17.99543486
I18	-19.944074	-34.201341	-12.679124	-28.544741	-11.063913	-13.652055	-13.837131	-19.13176843
I19	-18.586952	-23.472593	-11.868624	-13.040334	-11.4156	-17.940513	-13.597202	-15.70311686
I20	-21.295548	-22.741389	-12.653581	-9.331218	-11.479905	-18.619429	-17.009653	-16.16153186
I21	-17.52624	-28.467206	-11.463186	-10.575567	-11.206353	-12.188277	-11.480314	-14.70102043
I22	-22.317944	-22.989925	-12.351134	-12.493723	-11.61202	-22.684485	-15.632913	-17.154592
I23	-21.63386	-27.442467	-12.532216	-19.230224	-11.087979	-10.971265	-11.029741	-16.27539314
I24	-15.38627	-30.860156	-11.575739	-15.464973	-9.111799	-14.662892	-11.222627	-15.469208
I25	-16.771269	-29.747836	-12.622437	-15.511496	-11.20226	-10.052931	-9.599984	-15.07260186
I26	-22.577008	-35.667899	-13.742396	-29.665683	-16.018324	-26.506156	-18.554447	-23.24741614
I27	-19.741572	-37.344862	-12.190744	-26.028159	-13.878608	-6.484323	-11.650838	-18.18844371
I28	-25.393513	-23.116793	-13.10957	-10.625436	-12.496617	-25.602764	-18.750613	-18.44218657
I29	-19.51955	-40.217748	-12.554448	-26.125245	-12.528185	-11.408244	-13.105282	-19.35124314
I30	-21.856749	-38.518841	-14.362902	-21.751402	-16.90359	-30.646317	-20.876994	-23.55954214

MSE

Sorted by Diameter

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
I28	-25.393513	-23.116793	-13.10957	-10.625436	-12.496617	-25.602764	-18.750613	-18.44218657
I16	-22.988833	-25.844207	-12.759764	-24.76162	-9.700581	-10.533037	-13.484748	-17.15325571
I26	-22.577008	-35.667899	-13.742396	-29.665683	-16.018324	-26.506156	-18.554447	-23.24741614
I22	-22.317944	-22.989925	-12.351134	-12.493723	-11.61202	-22.684485	-15.632913	-17.154592
I15	-22.287949	-33.13003	-12.63247	-29.983788	-11.368905	-8.381086	-11.974792	-18.53700286
I30	-21.856749	-38.518841	-14.362902	-21.751402	-16.90359	-30.646317	-20.876994	-23.55954214
I17	-21.741629	-29.258628	-13.129247	-16.981832	-11.970907	-17.313319	-15.572482	-17.99543486
I23	-21.63386	-27.442467	-12.532216	-19.230224	-11.087979	-10.971265	-11.029741	-16.27539314
I20	-21.295548	-22.741389	-12.653581	-9.331218	-11.479905	-18.619429	-17.009653	-16.16153186
I12	-21.006177	-34.797161	-12.702645	-30.641851	-12.169079	-9.885314	-11.771453	-18.99624
I10	-20.797397	-29.006265	-13.138866	-17.254189	-11.236626	-15.741404	-15.396437	-17.51016914
I11	-20.695388	-24.59648	-12.486055	-25.994277	-12.606888	-16.729513	-15.155111	-18.32338743
I18	-19.944074	-34.201341	-12.679124	-28.544741	-11.063913	-13.652055	-13.837131	-19.13176843
I27	-19.741572	-37.344862	-12.190744	-26.028159	-13.878608	-6.484323	-11.650838	-18.18844371
I29	-19.51955	-40.217748	-12.554448	-26.125245	-12.528185	-11.408244	-13.105282	-19.35124314
I2	-19.278489	-37.85176	-48.904595	-30.245313	-27.188307	-25.579077	-18.455923	-29.643352
I13	-18.643641	-37.292271	-12.050131	-18.16697	-10.346606	-22.380105	-13.41107	-18.89868486
I19	-18.586952	-23.472593	-11.868624	-13.040334	-11.4156	-17.940513	-13.597202	-15.70311686
I14	-18.293296	-28.353771	-12.210066	-24.756567	-11.88627	-9.291206	-13.234916	-16.86087029
I8	-17.533724	-41.177677	-12.000284	-19.44223	-11.407005	-13.999894	-14.317782	-18.55408514
I21	-17.52624	-28.467206	-11.463186	-10.575567	-11.206353	-12.188277	-11.480314	-14.70102043
I9	-17.159781	-29.000548	-12.544551	-17.827367	-11.74764	-11.625428	-15.367473	-16.46754114
I25	-16.771269	-29.747836	-12.622437	-15.511496	-11.20226	-10.052931	-9.599984	-15.07260186
I6	-15.671705	-37.373378	-11.601979	-30.753583	-10.505611	-7.518892	-11.490498	-17.84509229
I24	-15.38627	-30.860156	-11.575739	-15.464973	-9.111799	-14.662892	-11.222627	-15.469208
I7	-14.691215	-40.037035	-11.509314	-22.173873	-8.449213	-9.426442	-11.303007	-16.79858557
I3	-14.416342	-25.452241	-11.70946	-17.951549	-11.458405	-13.708267	-12.978515	-15.38211129
I4	-14.363793	-36.290811	-11.920798	-26.622112	-10.885371	-6.040823	-11.00072	-16.73206114
I1	-13.3678	-41.540588	-11.664341	-34.167935	-11.178206	-17.293333	-11.764971	-20.13959629
I5	-13.115001	-31.833752	-11.343201	-23.736713	-7.908221	-9.769874	-9.637803	-15.33493786

R^2

Sorted by model

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
I1	-1.102	-0.14	-0.26	-1.323	-0.447	-4.846	-0.722	-1.2629
I2	-0.655	-7.945	-3.669	-12.954	0.614	-0.167	-8.098	-4.6963
I3	-0.631	-34.118	-0.179	-33.998	-0.413	-10.319	-0.285	-11.42
I4	-0.285	-0.704	-0.253	-0.76	-0.631	-59.172	-0.906	-8.9587
I5	-1.201	-7.079	-0.283	-8.237	-2.201	-27.033	-1.773	-6.8296
I6	-0.222	-1.256	-0.208	-0.836	-0.76	-46.072	-0.81	-7.1663
I7	-0.531	-0.222	-0.234	-12.238	-1.826	-29.339	-0.89	-6.4686
I8	0.204	0.06	-0.102	-23.83	-0.43	-9.584	0.056	-4.8037
I9	0.133	-14.513	0.027	-35.014	-0.322	-17.286	0.259	-9.5309
I10	0.625	-14.493	0.152	-40.094	-0.487	-6.088	0.264	-8.5887
I11	0.616	-41.766	0.014	-4.493	-0.085	-4.645	0.221	-7.1626
I12	0.642	-3.084	0.062	-0.884	-0.2	-26.297	-0.697	-4.3511
I13	0.384	-1.299	-0.09	-32.305	-0.826	-0.537	-0.163	-4.9766
I14	0.332	-17.004	-0.05	-6.304	-0.281	-30.299	-0.211	-7.6881
I15	0.734	-4.994	0.047	-1.192	-0.443	-37.596	-0.619	-6.2947
I16	0.773	-31.087	0.074	-6.295	-1.119	-22.515	-0.144	-8.6161
I17	0.698	-13.618	0.15	-42.754	-0.256	-3.935	0.293	-8.4889
I18	0.543	-3.684	0.057	-2.053	-0.548	-10.467	-0.055	-2.3153
I19	0.376	-54.398	-0.136	-107.435	-0.427	-3.272	-0.114	-23.629
I20	0.665	-64.556	0.052	-253.73	-0.406	-2.653	0.492	-45.734
I21	0.203	-16.54	-0.248	-190.27	-0.498	-15.063	-0.815	-31.89
I22	0.736	-60.91	-0.017	-121.979	-0.364	-0.433	0.303	-26.095
I23	0.69	-21.208	0.025	-25.072	-0.539	-20.258	-1.013	-9.625
I24	-0.305	-9.11	-0.216	-61.045	-1.426	-8.086	-0.925	-11.588
I25	0.051	-12.061	0.045	-60.384	-0.499	-25.264	-1.798	-14.273
I26	0.751	-2.342	0.262	-1.358	0.505	0.406	0.644	-0.1617
I27	0.521	-1.271	-0.055	-4.45	0.19	-58.734	-0.745	-9.2206
I28	0.87	-59.127	0.146	-188.086	-0.113	0.268	0.66	-35.055
I29	0.496	-0.172	0.03	-4.329	-0.105	-18.223	-0.248	-3.2216
I30	0.706	-0.733	0.36	-13.59	0.597	0.771	0.792	-1.5853

R^2

Sorted by Diameter

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
I28	0.87	-59.127	0.146	-188.086	-0.113	0.268	0.66	-35.055
I16	0.773	-31.087	0.074	-6.295	-1.119	-22.515	-0.144	-8.6161
I26	0.751	-2.342	0.262	-1.358	0.505	0.406	0.644	-0.1617
I22	0.736	-60.91	-0.017	-121.979	-0.364	-0.433	0.303	-26.095
I15	0.734	-4.994	0.047	-1.192	-0.443	-37.596	-0.619	-6.2947
I30	0.706	-0.733	0.36	-13.59	0.597	0.771	0.792	-1.5853
I17	0.698	-13.618	0.15	-42.754	-0.256	-3.935	0.293	-8.4889
I23	0.69	-21.208	0.025	-25.072	-0.539	-20.258	-1.013	-9.625
I20	0.665	-64.556	0.052	-253.73	-0.406	-2.653	0.492	-45.734
I12	0.642	-3.084	0.062	-0.884	-0.2	-26.297	-0.697	-4.3511
I10	0.625	-14.493	0.152	-40.094	-0.487	-6.088	0.264	-8.5887
I11	0.616	-41.766	0.014	-4.493	-0.085	-4.645	0.221	-7.1626
I18	0.543	-3.684	0.057	-2.053	-0.548	-10.467	-0.055	-2.3153
I27	0.521	-1.271	-0.055	-4.45	0.19	-58.734	-0.745	-9.2206
I29	0.496	-0.172	0.03	-4.329	-0.105	-18.223	-0.248	-3.2216
I13	0.384	-1.299	-0.09	-32.305	-0.826	-0.537	-0.163	-4.9766
I19	0.376	-54.398	-0.136	-107.435	-0.427	-3.272	-0.114	-23.629
I14	0.332	-17.004	-0.05	-6.304	-0.281	-30.299	-0.211	-7.6881
I8	0.204	0.06	-0.102	-23.83	-0.43	-9.584	0.056	-4.8037
I21	0.203	-16.54	-0.248	-190.27	-0.498	-15.063	-0.815	-31.89
I9	0.133	-14.513	0.027	-35.014	-0.322	-17.286	0.259	-9.5309
I25	0.051	-12.061	0.045	-60.384	-0.499	-25.264	-1.798	-14.273
I6	-0.222	-1.256	-0.208	-0.836	-0.76	-46.072	-0.81	-7.1663
I4	-0.285	-0.704	-0.253	-0.76	-0.631	-59.172	-0.906	-8.9587
I24	-0.305	-9.11	-0.216	-61.045	-1.426	-8.086	-0.925	-11.588
I7	-0.531	-0.222	-0.234	-12.238	-1.826	-29.339	-0.89	-6.4686
I3	-0.631	-34.118	-0.179	-33.998	-0.413	-10.319	-0.285	-11.42
I2	-0.655	-7.945	-3.669	-12.954	0.614	-0.167	-8.098	-4.6963
I1	-1.102	-0.14	-0.26	-1.323	-0.447	-4.846	-0.722	-1.2629
I5	-1.201	-7.079	-0.283	-8.237	-2.201	-27.033	-1.773	-6.8296