

MSE

Sorted by model

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
A1	-20.507037	-40.483821	-11.839061	-37.387701	-20.162376	-21.574431	-21.913265	-24.83824171
A2	-17.355571	-38.787133	-45.941902	-42.254755	-29.235978	-19.530657	-20.408547	-30.50207757
A3	-25.420868	-35.195482	-11.440153	-26.30222	-17.979195	-21.748784	-24.588241	-23.23927757
A4	-21.254443	-31.399247	-11.619721	-22.725857	-18.413979	-19.588485	-24.034357	-21.29086986
A5	-24.676401	-39.442778	-11.265992	-25.682968	-17.00201	-19.515034	-22.301621	-22.840972
A6	-22.82749	-37.544677	-11.271958	-25.945942	-17.953171	-18.119135	-24.810415	-22.63896971
A7	-16.297138	-35.925027	-11.189535	-21.485962	-11.416919	-17.121753	-14.335837	-18.25316729
A8	-22.939162	-36.973228	-11.178129	-21.711711	-18.004771	-18.224422	-20.991978	-21.43191443
A9	-25.576311	-36.223633	-11.168731	-22.806489	-17.450324	-20.249952	-22.549562	-22.289286
A10	-24.49626	-38.188661	-11.100928	-24.759876	-16.615638	-20.063847	-20.996229	-22.31734843
A11	-24.808842	-39.100085	-11.274096	-24.253919	-18.672959	-21.704922	-21.376094	-23.02727386
A12	-23.219735	-32.569319	-11.381989	-20.653202	-17.870825	-20.490741	-24.07473	-21.46579157
A13	-22.354287	-28.349324	-11.334029	-19.20804	-18.478137	-21.414602	-21.64031	-20.39696129
A14	-25.206965	-37.910107	-11.466701	-23.755379	-20.625593	-18.921823	-23.661854	-23.078346
A15	-20.456656	-38.948327	-11.669924	-24.513622	-15.35893	-16.748824	-20.502737	-21.17128857
A16	-18.638955	-39.427174	-11.176118	-27.389314	-14.124407	-18.223862	-16.847203	-20.83243329
A17	-24.165095	-35.472344	-11.035891	-24.023918	-16.679922	-21.837786	-20.622145	-21.97672871
A18	-15.942448	-37.943257	-11.333771	-23.714948	-12.718013	-24.179039	-14.953411	-20.11212671
A19	-19.123029	-38.86046	-11.286634	-22.10841	-14.505441	-23.532979	-17.514256	-20.99017271
A20	-17.173519	-37.792659	-11.385475	-20.67318	-19.185306	-20.199449	-18.419936	-20.689932
A21	-25.763845	-36.937957	-11.188488	-24.585033	-15.542229	-20.603089	-19.80346	-22.06058586
A22	-19.676549	-39.465728	-11.101658	-24.557218	-18.337646	-20.506351	-19.769536	-21.91638371
A23	-18.990129	-37.04406	-10.49992	-22.22021	-20.630036	-21.372223	-24.60819	-22.19496686
A24	-23.453703	-39.804216	-11.165743	-26.22157	-19.413251	-15.080489	-23.902177	-22.72016414
A25	-19.10153	-39.735875	-11.066752	-20.414353	-16.460452	-16.733881	-17.691263	-20.17201514
A26	-21.545885	-38.409893	-11.159232	-21.469325	-17.057535	-21.723712	-23.026742	-22.05604629
A27	-21.385106	-36.981748	-11.33923	-28.37351	-15.398792	-15.045566	-22.382726	-21.55809686
A28	-18.118553	-35.598968	-11.181393	-19.473176	-9.97942	-20.895308	-13.497533	-18.39205014
A29	-23.095559	-39.348982	-11.227052	-26.123005	-17.174613	-17.334098	-22.278846	-22.36887929
A30	-22.073279	-38.341202	-11.213291	-21.386002	-18.352309	-20.595509	-19.498771	-21.63719471

MSE

Sorted by diameter

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
A21	-25.763845	-36.937957	-11.188488	-24.585033	-15.542229	-20.603089	-19.80346	-22.06058586
A9	-25.576311	-36.223633	-11.168731	-22.806489	-17.450324	-20.249952	-22.549562	-22.289286
A3	-25.420868	-35.195482	-11.440153	-26.30222	-17.979195	-21.748784	-24.588241	-23.23927757
A14	-25.206965	-37.910107	-11.466701	-23.755379	-20.625593	-18.921823	-23.661854	-23.078346
A11	-24.808842	-39.100085	-11.274096	-24.253919	-18.672959	-21.704922	-21.376094	-23.02727386
A5	-24.676401	-39.442778	-11.265992	-25.682968	-17.00201	-19.515034	-22.301621	-22.840972
A10	-24.49626	-38.188661	-11.100928	-24.759876	-16.615638	-20.063847	-20.996229	-22.31734843
A17	-24.165095	-35.472344	-11.035891	-24.023918	-16.679922	-21.837786	-20.622145	-21.97672871
A24	-23.453703	-39.804216	-11.165743	-26.22157	-19.413251	-15.080489	-23.902177	-22.72016414
A12	-23.219735	-32.569319	-11.381989	-20.653202	-17.870825	-20.490741	-24.07473	-21.46579157
A29	-23.095559	-39.348982	-11.227052	-26.123005	-17.174613	-17.334098	-22.278846	-22.36887929
A8	-22.939162	-36.973228	-11.178129	-21.711711	-18.004771	-18.224422	-20.991978	-21.43191443
A6	-22.82749	-37.544677	-11.271958	-25.945942	-17.953171	-18.119135	-24.810415	-22.63896971
A13	-22.354287	-28.349324	-11.334029	-19.20804	-18.478137	-21.414602	-21.64031	-20.39696129
A30	-22.073279	-38.341202	-11.213291	-21.386002	-18.352309	-20.595509	-19.498771	-21.63719471
A26	-21.545885	-38.409893	-11.159232	-21.469325	-17.057535	-21.723712	-23.026742	-22.05604629
A27	-21.385106	-36.981748	-11.33923	-28.37351	-15.398792	-15.045566	-22.382726	-21.55809686
A4	-21.254443	-31.399247	-11.619721	-22.725857	-18.413979	-19.588485	-24.034357	-21.29086986
A1	-20.507037	-40.483821	-11.839061	-37.387701	-20.162376	-21.574431	-21.913265	-24.83824171
A15	-20.456656	-38.948327	-11.669924	-24.513622	-15.35893	-16.748824	-20.502737	-21.17128857
A22	-19.676549	-39.465728	-11.101658	-24.557218	-18.337646	-20.506351	-19.769536	-21.91638371
A19	-19.123029	-38.86046	-11.286634	-22.10841	-14.505441	-23.532979	-17.514256	-20.99017271
A25	-19.10153	-39.735875	-11.066752	-20.414353	-16.460452	-16.733881	-17.691263	-20.17201514
A23	-18.990129	-37.04406	-10.49992	-22.22021	-20.630036	-21.372223	-24.60819	-22.19496686
A16	-18.638955	-39.427174	-11.176118	-27.389314	-14.124407	-18.223862	-16.847203	-20.83243329
A28	-18.118553	-35.598968	-11.181393	-19.473176	-9.97942	-20.895308	-13.497533	-18.39205014
A2	-17.355571	-38.787133	-45.941902	-42.254755	-29.235978	-19.530657	-20.408547	-30.50207757
A20	-17.173519	-37.792659	-11.385475	-20.67318	-19.185306	-20.199449	-18.419936	-20.689932
A7	-16.297138	-35.925027	-11.189535	-21.485962	-11.416919	-17.121753	-14.335837	-18.25316729
A18	-15.942448	-37.943257	-11.333771	-23.714948	-12.718013	-24.179039	-14.953411	-20.11212671

R²

Sorted by model

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
A1	0.594	-0.454	-0.21	-0.107	0.817	-1.182	0.834	0.041714286
A2	-1.577	-6.211	-8.237	0.121	0.759	-3.699	-4.803	-3.378142857
A3	0.871	-2.726	-0.254	-4.117	0.685	-0.777	0.911	-0.772428571
A4	0.737	-4.255	-0.343	-3.316	0.712	-1.658	0.905	-1.031142857
A5	0.846	-0.401	-0.306	-4.901	0.606	-1.973	0.85	-0.754142857
A6	0.765	-1.169	-0.304	-4.554	0.683	-3.1	0.916	-0.966142857
A7	-0.058	-2.15	-0.329	-14.51	-0.427	-4.158	0.06	-3.081714286
A8	0.771	-1.474	-0.332	-13.724	0.687	-3.001	0.797	-2.325142857
A9	0.875	-1.94	-0.335	-10.443	0.644	-1.51	0.858	-1.693
A10	0.84	-0.87	-0.356	-6.298	0.569	-1.62	0.797	-0.991142857
A11	0.851	-0.516	-0.303	-7.2	0.732	-0.795	0.814	-0.916714286
A12	0.785	-5.821	-0.271	-17.788	0.677	-1.375	0.9	-3.270428571
A13	0.738	-17.023	-0.285	-25.206	0.719	-0.92	0.825	-5.878857143
A14	0.864	-0.994	-0.247	-8.197	0.829	-2.408	0.89	-1.323285714
A15	0.594	-0.57	-0.19	-6.724	0.424	-4.62	0.773	-1.473285714
A16	0.383	-0.406	-0.333	-2.984	0.235	-3.002	0.473	-0.804857143
A17	0.827	-2.496	-0.377	-7.646	0.575	-0.741	0.779	-1.297
A18	-0.148	-0.979	-0.285	-8.283	-0.058	-0.016	0.184	-1.369285714
A19	0.448	-0.602	-0.299	-12.439	0.299	-0.179	0.548	-1.746285714
A20	0.135	-1.049	-0.27	-17.702	0.761	-1.539	0.633	-2.718714286
A21	0.88	-1.494	-0.329	-6.598	0.448	-1.314	0.733	-1.096285714
A22	0.514	-0.394	-0.356	-6.647	0.71	-1.366	0.731	-0.972571429
A23	0.431	-1.434	-0.557	-12.097	0.829	-0.938	0.912	-1.836285714
A24	0.796	-0.289	-0.336	-4.212	0.774	-7.253	0.896	-1.374857143
A25	0.445	-0.31	-0.367	-18.85	0.553	-4.64	0.566	-3.229
A26	0.684	-0.777	-0.338	-14.569	0.611	-0.788	0.873	-2.043428571
A27	0.672	-1.469	-0.284	-2.176	0.43	-7.319	0.853	-1.327571429
A28	0.304	-2.395	-0.331	-23.654	-0.987	-1.163	-0.14	-4.052285714
A29	0.779	-0.432	-0.317	-4.332	0.621	-3.912	0.849	-0.963428571
A30	0.72	-0.806	-0.321	-14.871	0.711	-1.318	0.714	-2.167285714

R²

Sorted by diameter

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
A21	0.88	-1.494	-0.329	-6.598	0.448	-1.314	0.733	-1.096285714
A9	0.875	-1.94	-0.335	-10.443	0.644	-1.51	0.858	-1.693
A3	0.871	-2.726	-0.254	-4.117	0.685	-0.777	0.911	-0.772428571
A14	0.864	-0.994	-0.247	-8.197	0.829	-2.408	0.89	-1.323285714
A11	0.851	-0.516	-0.303	-7.2	0.732	-0.795	0.814	-0.916714286
A5	0.846	-0.401	-0.306	-4.901	0.606	-1.973	0.85	-0.754142857
A10	0.84	-0.87	-0.356	-6.298	0.569	-1.62	0.797	-0.991142857
A17	0.827	-2.496	-0.377	-7.646	0.575	-0.741	0.779	-1.297
A24	0.796	-0.289	-0.336	-4.212	0.774	-7.253	0.896	-1.374857143
A12	0.785	-5.821	-0.271	-17.788	0.677	-1.375	0.9	-3.270428571
A29	0.779	-0.432	-0.317	-4.332	0.621	-3.912	0.849	-0.963428571
A8	0.771	-1.474	-0.332	-13.724	0.687	-3.001	0.797	-2.325142857
A6	0.765	-1.169	-0.304	-4.554	0.683	-3.1	0.916	-0.966142857
A13	0.738	-17.023	-0.285	-25.206	0.719	-0.92	0.825	-5.878857143
A4	0.737	-4.255	-0.343	-3.316	0.712	-1.658	0.905	-1.031142857
A30	0.72	-0.806	-0.321	-14.871	0.711	-1.318	0.714	-2.167285714
A26	0.684	-0.777	-0.338	-14.569	0.611	-0.788	0.873	-2.043428571
A27	0.672	-1.469	-0.284	-2.176	0.43	-7.319	0.853	-1.327571429
A1	0.594	-0.454	-0.21	-0.107	0.817	-1.182	0.834	0.041714286
A15	0.594	-0.57	-0.19	-6.724	0.424	-4.62	0.773	-1.473285714
A22	0.514	-0.394	-0.356	-6.647	0.71	-1.366	0.731	-0.972571429
A19	0.448	-0.602	-0.299	-12.439	0.299	-0.179	0.548	-1.746285714
A25	0.445	-0.31	-0.367	-18.85	0.553	-4.64	0.566	-3.229
A23	0.431	-1.434	-0.557	-12.097	0.829	-0.938	0.912	-1.836285714
A16	0.383	-0.406	-0.333	-2.984	0.235	-3.002	0.473	-0.804857143
A28	0.304	-2.395	-0.331	-23.654	-0.987	-1.163	-0.14	-4.052285714
A20	0.135	-1.049	-0.27	-17.702	0.761	-1.539	0.633	-2.718714286
A7	-0.058	-2.15	-0.329	-14.51	-0.427	-4.158	0.06	-3.081714286
A18	-0.148	-0.979	-0.285	-8.283	-0.058	-0.016	0.184	-1.369285714
A2	-1.577	-6.211	-8.237	0.121	0.759	-3.699	-4.803	-3.378142857