

MSE

Sorted by model

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
T1	-21.032771	-36.0110924	-15.5337217	-27.4773549	-20.9324258	-20.5435844	-22.3636421	-23.41351319
T2	-20.4069244	-41.0499039	-24.1576812	-30.0255689	-19.9447915	-19.3896907	-18.6589072	-24.80478111
T3	-19.5706274	-42.8415052	-13.4279722	-22.4490712	-14.385999	-24.6586655	-19.191879	-22.36081707
T4	-17.2947012	-30.4916464	-12.6093098	-23.0112609	-9.8376904	-10.6018137	-14.606989	-16.92191591
T5	-17.2872588	-36.8546164	-11.5675398	-24.689225	-12.2167098	-15.1419671	-13.0188879	-18.68231497
T6	-20.9112009	-41.5880877	-14.3505067	-30.2618439	-18.6842568	-15.477087	-21.170314	-23.20618529
T7	-14.4346215	-36.9467883	-11.6185954	-26.3873925	-10.5120885	-21.2859129	-12.8358426	-19.14589167
T8	-18.2175999	-31.9847052	-13.4595447	-30.2985352	-14.1094655	-19.1964734	-16.7016981	-20.56686029
T9	-17.2500187	-31.8889638	-14.0132931	-17.6403183	-14.9825142	-12.2655283	-18.3284093	-18.05272081
T10	-19.5548067	-25.0288908	-13.3344239	-31.5771056	-14.1610927	-22.4324554	-16.6250156	-20.38768439
T11	-15.7261474	-27.2767502	-13.1792315	-24.939642	-11.2751662	-16.5931045	-15.2160967	-17.74373407
T12	-21.9155008	-34.7971866	-14.1095326	-27.6103125	-13.4932493	-17.2957361	-15.2258734	-20.63534161
T13	-22.6516884	-25.2451368	-14.0649937	-21.3477691	-14.3514952	-12.0631833	-16.9221125	-18.09233986
T14	-19.4613952	-23.0690055	-14.0262778	-5.4594525	-19.1503103	-12.1621197	-20.3138197	-16.23462581
T15	-20.476214	-30.2962532	-14.2529889	-34.5703502	-15.438332	-23.2839563	-17.8538837	-22.31028261
T16	-19.7548614	-37.6378755	-13.0645593	-24.5383557	-8.3234321	-12.2323517	-16.7883104	-18.90567801
T17	-18.9920359	-36.8091405	-12.5907407	-27.6245911	-10.9516137	-12.3558601	-15.5308291	-19.26497301
T18	-21.5816029	-19.9557656	-13.9338177	-9.3935507	-10.0442531	-8.7419447	-18.7104425	-14.62305389
T19	-20.9897064	-43.1938055	-14.5751621	-23.4130736	-13.5361506	-21.0439241	-19.5807295	-22.33322169
T20	-17.0713132	-31.9565623	-13.4470721	-18.5957328	-13.0799025	-13.0114063	-14.4059046	-17.36684197
T21	-24.1355409	-23.9283909	-15.6045673	-21.1324292	-21.3973215	-11.8342948	-23.8986738	-20.27588834
T22	-20.433777	-38.8529643	-13.1445095	-29.0043379	-12.0142493	-22.7017396	-18.7455163	-22.12815627
T23	-20.0250937	-25.214934	-14.6063376	-12.9488445	-19.2521974	-9.6140932	-16.2897531	-16.85017907
T24	-20.3818005	-23.3364053	-14.7327732	-14.5063577	-13.7929718	-25.9665591	-17.6777064	-18.62779629
T25	-21.835592	-19.674722	-13.203061	-9.519974	-15.570839	-4.954429	-18.15232	-14.70156243
T26	-17.0242569	-35.7643487	-12.6528718	-24.9423293	-9.3788943	-15.3570675	-11.9642168	-18.15485504
T27	-21.0512544	-35.8743848	-14.4888074	-25.8197658	-15.7279968	-21.0449347	-20.6553294	-22.09463904
T28	-23.0069763	-25.1919409	-12.8687497	-25.0258569	-12.7071762	-16.2397293	-15.2512131	-18.61309177
T29	-19.4598903	-25.9772435	-13.9678926	-12.4247824	-16.2926575	-8.9381846	-18.0783532	-16.44842916
T30	-24.2785533	-23.9744086	-14.9406972	-17.899998	-19.242382	-29.5181767	-22.701973	-21.79374126

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Sorted by Diameter

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
T30	-24.2785533	-23.9744086	-14.9406972	-17.899998	-19.242382	-29.5181767	-22.701973	-21.79374126
T21	-24.1355409	-23.9283909	-15.6045673	-21.1324292	-21.3973215	-11.8342948	-23.8986738	-20.27588834
T28	-23.0069763	-25.1919409	-12.8687497	-25.0258569	-12.7071762	-16.2397293	-15.2512131	-18.61309177
T13	-22.6516884	-25.2451368	-14.0649937	-21.3477691	-14.3514952	-12.0631833	-16.9221125	-18.09233986
T12	-21.9155008	-34.7971866	-14.1095326	-27.6103125	-13.4932493	-17.2957361	-15.2258734	-20.63534161
T25	-21.835592	-19.674722	-13.203061	-9.519974	-15.570839	-4.954429	-18.15232	-14.70156243
T18	-21.5816029	-19.9557656	-13.9338177	-9.3935507	-10.0442531	-8.7419447	-18.7104425	-14.62305389
T27	-21.0512544	-35.8743848	-14.4888074	-25.8197658	-15.7279968	-21.0449347	-20.6553294	-22.09463904
T1	-21.032771	-36.0110924	-15.5337217	-27.4773549	-20.9324258	-20.5435844	-22.3636421	-23.41351319
T19	-20.9897064	-43.1938055	-14.5751621	-23.4130736	-13.5361506	-21.0439241	-19.5807295	-22.33322169
T6	-20.9112009	-41.5880877	-14.3505067	-30.2618439	-18.6842568	-15.477087	-21.170314	-23.20618529
T15	-20.476214	-30.2962532	-14.2529889	-34.5703502	-15.438332	-23.2839563	-17.8538837	-22.31028261
T22	-20.433777	-38.8529643	-13.1445095	-29.0043379	-12.0142493	-22.7017396	-18.7455163	-22.12815627
T2	-20.4069244	-41.0499039	-24.1576812	-30.0255689	-19.9447915	-19.3896907	-18.6589072	-24.80478111
T24	-20.3818005	-23.3364053	-14.7327732	-14.5063577	-13.7929718	-25.9665591	-17.6777064	-18.62779629
T23	-20.0250937	-25.214934	-14.6063376	-12.9488445	-19.2521974	-9.6140932	-16.2897531	-16.85017907
T16	-19.7548614	-37.6378755	-13.0645593	-24.5383557	-8.3234321	-12.2323517	-16.7883104	-18.90567801
T3	-19.5706274	-42.8415052	-13.4279722	-22.4490712	-14.385999	-24.6586655	-19.191879	-22.36081707
T10	-19.5548067	-25.0288908	-13.3344239	-31.5771056	-14.1610927	-22.4324554	-16.6250156	-20.38768439
T14	-19.4613952	-23.0690055	-14.0262778	-5.4594525	-19.1503103	-12.1621197	-20.3138197	-16.23462581
T29	-19.4598903	-25.9772435	-13.9678926	-12.4247824	-16.2926575	-8.9381846	-18.0783532	-16.44842916
T17	-18.9920359	-36.8091405	-12.5907407	-27.6245911	-10.9516137	-12.3558601	-15.5308291	-19.26497301
T8	-18.2175999	-31.9847052	-13.4595447	-30.2985352	-14.1094655	-19.1964734	-16.7016981	-20.56686029
T4	-17.2947012	-30.4916464	-12.6093098	-23.0112609	-9.8376904	-10.6018137	-14.606989	-16.92191591
T5	-17.2872588	-36.8546164	-11.5675398	-24.689225	-12.2167098	-15.1419671	-13.0188879	-18.68231497
T9	-17.2500187	-31.8889638	-14.0132931	-17.6403183	-14.9825142	-12.2655283	-18.3284093	-18.05272081
T20	-17.0713132	-31.9565623	-13.4470721	-18.5957328	-13.0799025	-13.0114063	-14.4059046	-17.36684197
T26	-17.0242569	-35.7643487	-12.6528718	-24.9423293	-9.3788943	-15.3570675	-11.9642168	-18.15485504
T11	-15.7261474	-27.2767502	-13.1792315	-24.939642	-11.2751662	-16.5931045	-15.2160967	-17.74373407
T7	-14.4346215	-36.9467883	-11.6185954	-26.3873925	-10.5120885	-21.2859129	-12.8358426	-19.14589167

R²

Sorted by model

Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
T1	0.64	-3.073	0.483	-9.843	0.847	-1.766	0.85	-1.694571429
T2	-0.276	-3.283	-1392.027	-13.678	-1.044	-3.854	-7.682	-203.1205714
T3	0.502	0.359	0.206	-11.425	0.28	0.091	0.693	-1.327714286
T4	0.346	-5.476	-0.069	-3.042	-1.076	-20.052	0.169	-4.171428571
T5	0.158	-1.543	-0.218	-6.418	-0.187	-7.137	-0.273	-2.231142857
T6	0.634	0.145	0.358	-1.056	0.732	-6.533	0.805	-0.702142857
T7	-0.625	-1.489	-0.204	-4.017	-0.757	-0.977	-0.328	-1.199571429
T8	0.32	-6.803	0.212	-1.039	0.232	-2.199	0.455	-1.260285714
T9	0.15	-6.977	0.306	-36.599	0.372	-14.78	0.625	-8.129
T10	0.5	-37.714	0.189	-0.519	0.241	-0.518	0.445	-5.339428571
T11	-0.207	-22.072	0.16	-6.002	-0.474	-4.826	0.232	-4.741285714
T12	0.71	-3.084	0.322	-2.786	0.115	-3.955	0.234	-1.206285714
T13	0.755	-35.833	0.315	-15.011	0.274	-15.532	0.482	-9.221428571
T14	0.489	-59.793	0.309	-620.237	0.76	-15.16	0.763	-98.98128571
T15	0.596	-10.511	0.344	0.238	0.435	-0.248	0.582	-1.223428571
T16	0.523	-1.123	0.137	-6.68	-1.909	-14.901	0.465	-3.355428571
T17	0.431	-1.569	0.038	-2.773	-0.588	-14.455	0.286	-2.661428571
T18	0.687	-123.502	0.294	-250.1	-0.957	-34.519	0.657	-58.20571429
T19	0.641	0.409	0.391	-8.952	0.124	-1.091	0.719	-1.108428571
T20	0.115	-6.854	0.21	-29.174	0.027	-12.29	0.075	-6.841571429
T21	0.826	-48.878	0.519	-15.825	0.857	-16.427	0.896	-11.14742857
T22	0.592	-0.605	0.153	-1.746	-0.244	-0.427	0.659	-0.231142857
T23	0.552	-36.09	0.395	-109.743	0.765	-28.056	0.4	-24.53957143
T24	0.587	-56.162	0.412	-76.369	0.174	0.327	0.564	-18.63814286
T25	0.704	-131.825	0.164	-242.896	0.452	-83.959	0.61	-65.25
T26	0.105	-2.268	0.051	-5.998	-1.281	-6.744	-0.623	-2.394
T27	0.646	-2.186	0.378	-4.718	0.471	-1.09	0.781	-0.816857143
T28	0.774	-36.287	0.097	-5.865	-0.06	-5.319	0.238	-6.631714286
T29	0.489	-30.119	0.299	-123.947	0.536	-32.949	0.603	-26.44114286
T30	0.832	-48.353	0.44	-34.416	0.765	0.703	0.863	-11.30942857

R²

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Folder	Diameter	Electroconductivity	Light	Permittivity	Relative_humidity	Soil_Temperature	Temperature	Mean
T30	0.832	-48.353	0.44	-34.416	0.765	0.703	0.863	-11.30942857
T21	0.826	-48.878	0.519	-15.825	0.857	-16.427	0.896	-11.14742857
T28	0.774	-36.287	0.097	-5.865	-0.06	-5.319	0.238	-6.631714286
T13	0.755	-35.833	0.315	-15.011	0.274	-15.532	0.482	-9.221428571
T12	0.71	-3.084	0.322	-2.786	0.115	-3.955	0.234	-1.206285714
T25	0.704	-131.825	0.164	-242.896	0.452	-83.959	0.61	-65.25
T18	0.687	-123.502	0.294	-250.1	-0.957	-34.519	0.657	-58.20571429
T27	0.646	-2.186	0.378	-4.718	0.471	-1.09	0.781	-0.816857143
T19	0.641	0.409	0.391	-8.952	0.124	-1.091	0.719	-1.108428571
T1	0.64	-3.073	0.483	-9.843	0.847	-1.766	0.85	-1.694571429
T6	0.634	0.145	0.358	-1.056	0.732	-6.533	0.805	-0.702142857
T15	0.596	-10.511	0.344	0.238	0.435	-0.248	0.582	-1.223428571
T22	0.592	-0.605	0.153	-1.746	-0.244	-0.427	0.659	-0.231142857
T24	0.587	-56.162	0.412	-76.369	0.174	0.327	0.564	-18.63814286
T23	0.552	-36.09	0.395	-109.743	0.765	-28.056	0.4	-24.53957143
T16	0.523	-1.123	0.137	-6.68	-1.909	-14.901	0.465	-3.355428571
T3	0.502	0.359	0.206	-11.425	0.28	0.091	0.693	-1.327714286
T10	0.5	-37.714	0.189	-0.519	0.241	-0.518	0.445	-5.339428571
T14	0.489	-59.793	0.309	-620.237	0.76	-15.16	0.763	-98.98128571
T29	0.489	-30.119	0.299	-123.947	0.536	-32.949	0.603	-26.44114286
T17	0.431	-1.569	0.038	-2.773	-0.588	-14.455	0.286	-2.661428571
T4	0.346	-5.476	-0.069	-3.042	-1.076	-20.052	0.169	-4.171428571
T8	0.32	-6.803	0.212	-1.039	0.232	-2.199	0.455	-1.260285714
T5	0.158	-1.543	-0.218	-6.418	-0.187	-7.137	-0.273	-2.231142857
T9	0.15	-6.977	0.306	-36.599	0.372	-14.78	0.625	-8.129
T20	0.115	-6.854	0.21	-29.174	0.027	-12.29	0.075	-6.841571429
T26	0.105	-2.268	0.051	-5.998	-1.281	-6.744	-0.623	-2.394
T11	-0.207	-22.072	0.16	-6.002	-0.474	-4.826	0.232	-4.741285714
T2	-0.276	-3.283	-1392.027	-13.678	-1.044	-3.854	-7.682	-203.1205714
T7	-0.625	-1.489	-0.204	-4.017	-0.757	-0.977	-0.328	-1.199571429