

Barreiras - Northeast									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.67	0.71	0.72	0.73	0.73	0.74	0.75	0.75	0.76
Insolation	0.21	0.24	0.32	0.39	0.46	0.53	0.59	0.65	0.70
Rainfall	0.02	0.01	0.03	0.06	0.08	0.11	0.13	0.14	0.16
Average Compensated Temperature	0.58	0.62	0.64	0.67	0.69	0.71	0.74	0.76	0.78
Maximum Temperature	0.39	0.44	0.49	0.54	0.59	0.64	0.69	0.73	0.76
Minimum Temperature	0.65	0.68	0.69	0.70	0.71	0.72	0.74	0.75	0.76
Average Relative Humidity	0.73	0.76	0.77	0.79	0.81	0.82	0.84	0.85	0.86
Average Wind Speed	0.09	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.10

Table 1. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)

Belo Horizonte - Southeast									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.34	0.38	0.41	0.43	0.46	0.48	0.51	0.53	0.55
Insolation	0.13	0.14	0.21	0.29	0.36	0.43	0.50	0.56	0.62
Rainfall	0.07	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25
Average Compensated Temperature	0.55	0.60	0.64	0.69	0.74	0.78	0.82	0.87	0.91
Maximum Temperature	0.32	0.35	0.42	0.49	0.57	0.64	0.71	0.78	0.85
Minimum Temperature	0.64	0.67	0.69	0.70	0.72	0.73	0.75	0.76	0.78
Average Relative Humidity	0.33	0.37	0.42	0.47	0.52	0.57	0.62	0.67	0.71
Average Wind Speed	0.07	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09

Table 2. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)

Cruz Alta - South									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.23	0.24	0.27	0.30	0.33	0.35	0.38	0.40	0.43
Insolation	0.07	0.07	0.15	0.24	0.33	0.41	0.50	0.58	0.66
Rainfall	-0.06	-0.06	-0.03	0.00	0.04	0.06	0.09	0.11	0.13
Average Compensated Temperature	0.62	0.65	0.69	0.74	0.78	0.83	0.87	0.91	0.94
Maximum Temperature	0.53	0.55	0.59	0.64	0.69	0.74	0.80	0.85	0.91
Minimum Temperature	0.56	0.59	0.62	0.65	0.69	0.72	0.76	0.80	0.85
Average Relative Humidity	0.25	0.28	0.34	0.41	0.47	0.54	0.60	0.66	0.72
Average Wind Speed	0.05	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06

Table 3. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)

Cuiabá - Midwest									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.47	0.48	0.49	0.50	0.50	0.51	0.52	0.53	0.53
Insolation	0.05	0.06	0.15	0.24	0.33	0.41	0.48	0.55	0.62
Rainfall	-0.02	-0.03	-0.01	0.00	0.02	0.03	0.05	0.06	0.07
Average Compensated Temperature	0.39	0.42	0.49	0.56	0.63	0.70	0.76	0.82	0.88
Maximum Temperature	0.12	0.15	0.25	0.36	0.46	0.56	0.65	0.74	0.82
Minimum Temperature	0.62	0.65	0.67	0.69	0.71	0.73	0.75	0.77	0.80
Average Relative Humidity	0.53	0.55	0.58	0.62	0.66	0.69	0.73	0.76	0.79
Average Wind Speed	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17

Table 4. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)

Curitiba - South									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.23
Insolation	0.03	0.03	0.12	0.22	0.31	0.40	0.48	0.56	0.64
Rainfall	-0.05	-0.03	-0.02	0.00	0.01	0.03	0.04	0.05	0.07
Average Compensated Temperature	0.56	0.59	0.64	0.69	0.74	0.78	0.83	0.87	0.91
Maximum Temperature	0.36	0.38	0.45	0.53	0.60	0.67	0.75	0.81	0.88
Minimum Temperature	0.61	0.64	0.66	0.68	0.71	0.73	0.76	0.79	0.81
Average Relative Humidity	0.07	0.08	0.17	0.26	0.35	0.43	0.51	0.58	0.65
Average Wind Speed	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06

Table 5. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)

Diamantino - Midwest									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.55	0.56	0.57	0.58	0.58	0.59	0.60	0.60	0.61
Insolation	0.13	0.13	0.22	0.30	0.37	0.45	0.52	0.58	0.64
Rainfall	-0.01	-0.01	0.00	0.01	0.03	0.04	0.05	0.06	0.07
Average Compensated Temperature	0.40	0.44	0.50	0.56	0.61	0.67	0.72	0.77	0.83
Maximum Temperature	0.14	0.16	0.25	0.35	0.44	0.53	0.61	0.69	0.76
Minimum Temperature	0.58	0.60	0.62	0.64	0.66	0.68	0.70	0.73	0.75
Average Relative Humidity	0.59	0.60	0.63	0.65	0.68	0.70	0.73	0.75	0.77
Average Wind Speed	0.08	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12

Table 6. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)

Ouricuri - Northeast									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.56	0.60	0.61	0.61	0.62	0.63	0.64	0.64	0.65
Insolation	0.12	0.13	0.20	0.28	0.34	0.41	0.47	0.53	0.58
Rainfall	-0.09	-0.07	-0.04	-0.02	0.01	0.04	0.07	0.10	0.13
Average Compensated Temperature	0.65	0.70	0.73	0.76	0.79	0.82	0.85	0.88	0.91
Maximum Temperature	0.53	0.58	0.62	0.67	0.71	0.76	0.80	0.84	0.88
Minimum Temperature	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69
Average Relative Humidity	0.53	0.57	0.60	0.64	0.68	0.71	0.74	0.77	0.80
Average Wind Speed	0.28	0.27	0.28	0.28	0.29	0.29	0.30	0.30	0.31

Table 7. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)

Rio Branco - North									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.41	0.44	0.44	0.45	0.46	0.46	0.47	0.47	0.48
Insolation	0.13	0.12	0.20	0.28	0.35	0.42	0.48	0.54	0.60
Rainfall	-0.03	-0.02	-0.01	-0.01	0.00	0.00	0.01	0.02	0.03
Average Compensated Temperature	0.28	0.33	0.40	0.48	0.55	0.62	0.69	0.76	0.82
Maximum Temperature	0.17	0.19	0.28	0.37	0.46	0.54	0.62	0.70	0.77
Minimum Temperature	0.54	0.58	0.60	0.62	0.64	0.66	0.68	0.71	0.73
Average Relative Humidity	0.45	0.45	0.49	0.52	0.55	0.58	0.61	0.64	0.66
Average Wind Speed	-0.03	-0.02	-0.01	0.01	0.02	0.04	0.05	0.06	0.08

Table 8. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)

São Felix do Xingu - North									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.60	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63
Insolation	0.46	0.46	0.49	0.53	0.56	0.60	0.63	0.66	0.69
Rainfall	0.02	-0.01	0.00	0.01	0.01	0.02	0.03	0.03	0.04
Average Compensated Temperature	0.52	0.54	0.56	0.59	0.62	0.65	0.68	0.71	0.73
Maximum Temperature	0.39	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72
Minimum Temperature	0.88	0.89	0.89	0.89	0.89	0.90	0.90	0.90	0.90
Average Relative Humidity	0.67	0.67	0.69	0.70	0.72	0.73	0.75	0.76	0.77
Average Wind Speed	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00

Table 9. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)

São Paulo - Southeast									
	BL DMY	0	1	2	3	4	5	6	7
Evaporation Rate	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.21
Insolation	0.03	0.01	0.11	0.20	0.29	0.38	0.46	0.54	0.61
Rainfall	-0.02	-0.01	0.00	0.02	0.03	0.04	0.05	0.06	0.07
Average Compensated Temperature	0.50	0.54	0.60	0.65	0.71	0.76	0.82	0.87	0.92
Maximum Temperature	0.30	0.32	0.40	0.49	0.57	0.65	0.73	0.80	0.87
Minimum Temperature	0.61	0.65	0.67	0.69	0.71	0.73	0.75	0.78	0.80
Average Relative Humidity	0.12	0.14	0.22	0.31	0.39	0.47	0.55	0.61	0.67
Average Wind Speed	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.15

Table 10. The average of the coefficients of determination R^2 of each weather parameter. “BL DMY” refers to the base learner that uses only the date as input and from “0” to “7” refer to the meta-learner in the scenario with only the date (0) or date in addition to some weather parameters (1,2,3,...)