

Adjustment Methods Applied to Precipitation Series with Different Starting Times of the Observation Day

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Table S1. Yearly precipitation amount (mm) in the 1993-2022 period for the ARPAV stations in proximity of Padua.

Year	Station Acronym					
	Pd	Lg	Cm	Cd	Mr	Tr
1993		558.2	568.6	681.6	524.4	
1994	838.8	687.6	733	741	654.4	
1995	881	892.6	975.6	780	847.6	
1996	986.2	959	773.8	806.6	1034.2	860.2
1997	653	664.4	599.8	584.8	603.6	645.8
1998	740.2	685	773.2	658.8	760	682
1999	549.6	883.2	943.6	741.2	1010.2	672.4
2000	829.8	681.4	816.2	829.4	838.4	617.6
2001	789.2	660.6	821.6	719.4	808.6	633.6
2002	1098.6	1090.6	1176.4	877.2	1151.2	891
2003	690.4	609	814.6	519	607	466.4
2004	1087.8	1020.6	1174.6	989.8	1031	825.8
2005	1076.8	1003.8	1095.2	997.6	909.4	781.4
2006	849	686.6	802.8	539.6	878.2	514.8
2007	740.2	628.4	738	856	743.2	553
2008	1256.6	906.2	1180	921.4	990.4	874.6
2009	996.2	983.6	1048.2	867.6	957.2	703.2
2010	1313.8	1128	1451	1095.8	1319	927.2
2011	664.2	592.4	728.6	443.2	704.8	578.2
2012	728.8	618.6	886.8	616.8	683.8	614.6
2013	1153.4	1066	1168	1129	1120.4	934
2014	1359.6	1290.8	1701.6	1178.2	1235.6	895
2015	551.4	525.4	598.8	645.4	618	584.6
2016	1122.2	983.4	1126.6	925.2	1046.4	807.6
2017	603	507.2	737.6	682.4	648	517.8
2018	1006.4	840.6	1029.8	788.8	945.4	743
2019	929.6	852.8	1178.2	966.6	884.2	777.8
2020	596.6	689	725	592.8	654.2	516.8
2021	674.4	647.8	801.4	545.4	570	616.6
2022	537	555.6	620.6	613.4	503.4	426.8

Table S2. Number of rainy days in the 1993-2022 period for the ARPAV stations in proximity of Padua.

Year	Station Acronym					
	Pd	Lg	Cm	Cd	Mr	Tr
1993		71	68	77	64	
1994	72	66	68	72	65	
1995	76	89	97	81	91	
1996	84	95	76	88	97	90
1997	66	69	65	70	71	69
1998	70	72	73	73	77	66
1999	68	78	87	70	84	70
2000	85	78	80	79	83	71
2001	90	84	92	80	91	77
2002	96	93	102	84	88	94
2003	62	58	65	61	67	59
2004	93	92	99	91	88	89
2005	73	70	76	77	79	78
2006	68	69	69	60	69	58
2007	69	67	70	71	67	57
2008	99	89	104	90	97	86
2009	87	92	87	84	85	83
2010	109	114	109	108	106	105
2011	63	59	59	55	64	58
2012	73	67	76	65	67	62
2013	106	96	107	101	105	102
2014	110	115	119	110	105	103
2015	60	64	60	61	68	66
2016	90	84	100	93	90	82
2017	71	62	81	66	70	64
2018	87	89	96	87	92	87
2019	90	89	90	88	84	84
2020	76	74	82	73	77	69
2021	69	67	81	59	63	68
2022	66	68	76	65	67	52

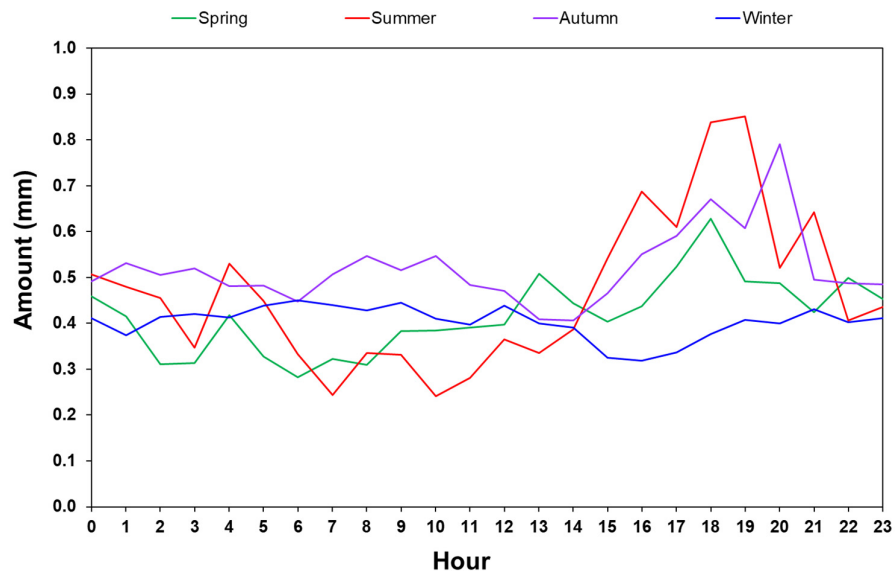


Figure S1. Seasonal precipitation intensity in Padua in the period 1994-2022.