

Table 1: World countries considered in this work. The p-value tests against the 0-amplitude (null) hypothesis.

Mesor, amplitude and phase refer to the fitted cosinor $M + A \sin\left(\frac{2\pi t}{12} + \phi\right)$.

###	Name	ISO	LAT	LONG	MESOR	AMPL	PHASE	MNTH	Pval
1	United Arab Emirates	AE	24.0	54.0	78.1	2.1	4.9	5.7	1.39E-01
2	Argentina	AR	-34.0	-64.0	43.7	1.5	4.7	6.0	1.91E-01
3	Austria	AT	47.3	13.3	45.7	10.0	2.0	11.1	1.08E-01
4	Australia	AU	-27.0	133.0	70.8	8.1	1.5	12.0	2.26E-07
5	Bangladesh	BD	24.0	90.0	59.6	1.3	0.5	2.0	6.40E-01
6	Belgium	BE	50.8	4.0	54.2	5.4	1.2	1.0	3.84E-04
7	Brazil	BR	-10.0	-55.0	60.1	2.5	1.7	11.7	1.91E-01
8	Canada	CA	60.0	-95.0	80.4	3.9	4.6	6.2	5.88E-04
9	Switzerland	CH	47.0	8.0	57.0	13.0	2.2	10.7	3.65E-03
10	Cameroon	CM	6.0	12.0	33.9	6.3	5.1	5.4	3.59E-03
11	China	CN	35.0	105.0	15.9	5.5	4.6	6.3	1.35E-01
12	Cyprus	CY	35.0	33.0	14.0	7.1	4.3	6.9	6.94E-02
13	Czechia	CZ	49.8	15.5	43.0	3.5	5.4	4.7	1.35E-01
14	Denmark	DK	56.0	10.0	43.1	11.5	2.1	10.9	5.44E-03
15	Algeria	DZ	28.0	3.0	43.3	1.5	3.6	8.1	1.08E-01
16	Egypt	EG	27.0	30.0	56.0	3.7	1.6	11.9	3.31E-01
17	Spain	ES	40.0	-4.0	55.1	8.9	4.3	6.8	7.60E-03
18	Ethiopia	ET	8.0	38.0	27.6	5.9	1.1	1.0	6.85E-02
19	Finland	FI	64.0	26.0	35.4	1.3	2.3	10.6	6.57E-01
20	France	FR	46.0	2.0	60.4	6.5	1.6	11.9	1.37E-03
21	England	GB	54.0	-2.0	71.6	5.9	5.2	5.2	5.48E-04
22	Germany	GE	42.0	43.5	58.0	1.4	4.2	7.0	1.49E-01
23	Ghana	GH	8.0	-2.0	63.5	2.9	4.8	5.9	2.20E-01
24	Guadeloupe	GP	16.3	-61.6	21.2	5.2	3.2	8.8	2.72E-02
25	Greece	GR	39.0	22.0	47.6	6.4	4.1	7.2	1.72E-02
26	Hong Kong	HK	22.3	114.2	75.3	2.0	4.4	6.5	2.87E-01
27	Hungary	HU	47.0	20.0	17.2	7.7	0.2	2.6	1.16E-01
28	Indonesia	ID	-5.0	120.0	69.7	5.1	1.8	11.5	4.26E-02
29	Ireland	IE	53.0	-8.0	73.9	4.1	5.1	5.3	6.14E-03
30	Israel	IL	31.5	35.1	59.4	5.1	4.7	6.0	1.17E-02
31	India	IN	20.0	77.0	75.0	5.0	4.8	5.9	6.75E-05
32	Iraq	IQ	33.0	44.0	32.1	8.2	1.3	12.0	1.66E-02
33	Iran	IR	32.0	53.0	18.8	2.0	1.6	11.9	7.92E-02
34	Italy	IT	42.8	12.8	51.9	3.3	3.5	8.3	4.77E-02
35	Jamaica	JM	18.3	-77.5	41.5	3.6	1.6	11.9	5.75E-01
36	Jordan	JO	31.0	36.0	49.9	7.5	5.2	5.1	1.46E-01
37	Japan	JP	36.0	138.0	69.9	3.1	5.7	4.2	1.98E-01
38	Kenya	KE	1.0	38.0	59.4	4.2	0.1	2.9	3.47E-02
39	South Korea	KR	37.0	127.5	69.1	7.2	4.7	6.0	3.13E-04
40	Kuwait	KW	29.5	45.8	55.7	4.9	0.0	2.9	6.92E-02
41	Lebanon	LB	33.8	35.8	54.2	4.7	0.7	1.7	5.21E-02
42	Sri Lanka	LK	7.0	81.0	35.3	0.9	3.2	9.0	6.63E-01
43	Luxembourg	LU	49.8	6.2	49.8	9.2	1.4	12.0	1.04E-02
44	Morocco	MA	32.0	-5.0	46.8	2.1	2.6	10.0	1.92E-02
45	Martinique	MQ	14.7	-61.0	33.9	8.3	1.8	11.6	1.23E-02
46	Mexico	MX	23.0	-102.0	55.5	4.8	0.2	2.7	2.05E-04
47	Malaysia	MY	2.5	112.5	82.6	1.9	0.9	1.3	5.78E-02
48	Nigeria	NG	10.0	8.0	47.3	3.7	4.6	6.2	4.08E-03
49	Netherlands	NL	52.5	5.8	53.0	2.8	3.7	7.9	3.38E-02
50	Norway	NO	62.0	10.0	60.0	4.7	2.4	10.4	3.30E-02
51	New Zealand	NZ	-41.0	174.0	70.6	7.1	1.5	12.0	1.04E-04
52	Philippines	PH	13.0	122.0	60.0	3.1	5.1	5.2	2.21E-03
53	Pakistan	PK	30.0	70.0	56.6	5.7	4.1	7.1	1.72E-02
54	Poland	PL	52.0	20.0	52.3	2.5	6.3	3.1	1.72E-01
55	Portugal	PT	39.5	-8.0	38.3	7.1	3.9	7.5	2.81E-02
56	Qatar	QA	25.5	51.3	60.8	4.7	2.6	10.1	5.68E-02
57	Romania	RO	46.0	25.0	46.8	2.1	5.6	4.4	2.68E-01
58	Russia	RU	60.0	100.0	49.0	6.7	0.6	1.9	4.46E-02
59	Sweden	SE	62.0	15.0	54.0	1.1	4.5	6.5	4.82E-01
60	Singapore	SG	1.4	103.8	78.2	2.8	4.5	6.5	4.41E-03
61	Senegal	SN	14.0	-14.0	20.5	1.4	5.7	4.2	3.62E-01
62	Thailand	TH	15.0	100.0	58.5	2.4	3.0	9.3	1.81E-01
63	Tunisia	TN	34.0	9.0	46.5	2.3	2.1	11.0	9.60E-02
64	Trinidad & Tobago	TT	10.7	-61.2	53.4	3.8	6.0	3.5	1.03E-01
65	Ukraine	UA	49.0	32.0	30.4	6.4	0.4	2.3	1.74E-01
66	United States	US	38.0	-97.0	81.3	5.2	4.8	5.9	1.89E-04
67	Vietnam	VN	16.2	107.8	52.0	5.3	4.1	7.1	1.14E-03
68	South Africa	ZA	-29.0	24.0	72.5	8.1	1.3	12.0	1.22E-05
69	Zambia	ZM	-15.0	30.0	32.2	2.8	5.9	3.7	3.57E-01
70	Zimbabwe	ZW	-20.0	30.0	30.6	8.5	1.3	12.0	8.01E-02













