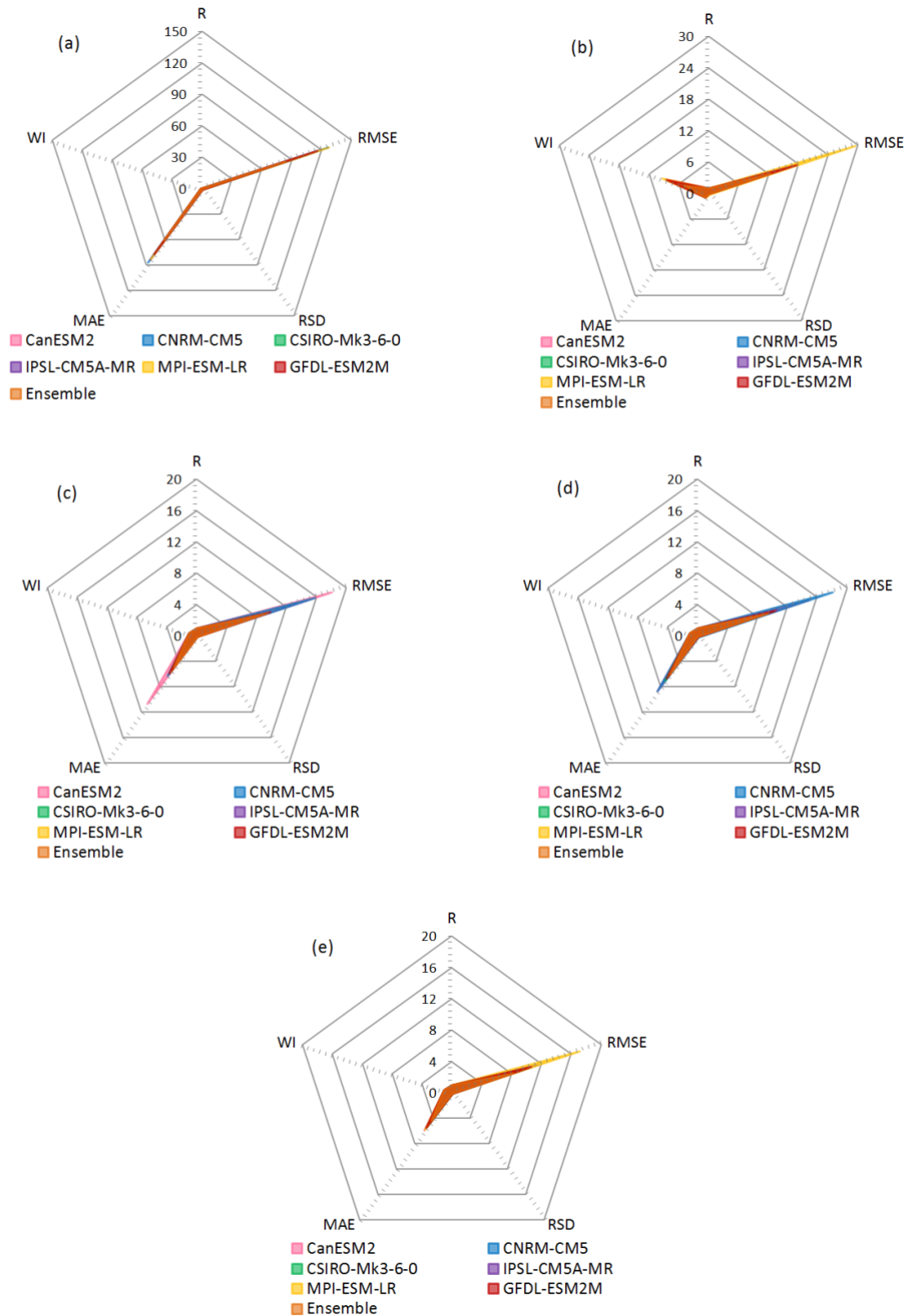
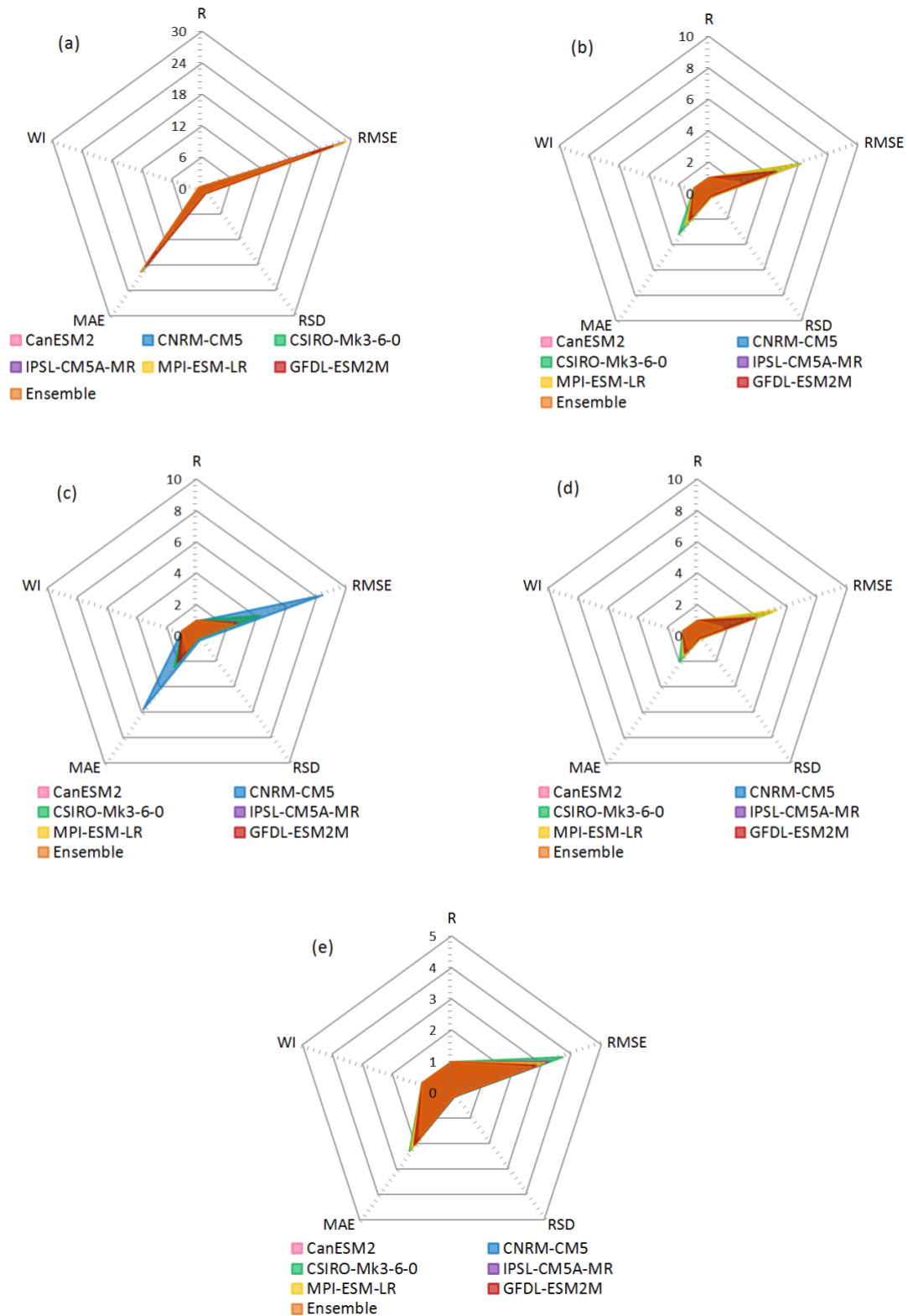


**Table S1.** The location of 39 proposed station

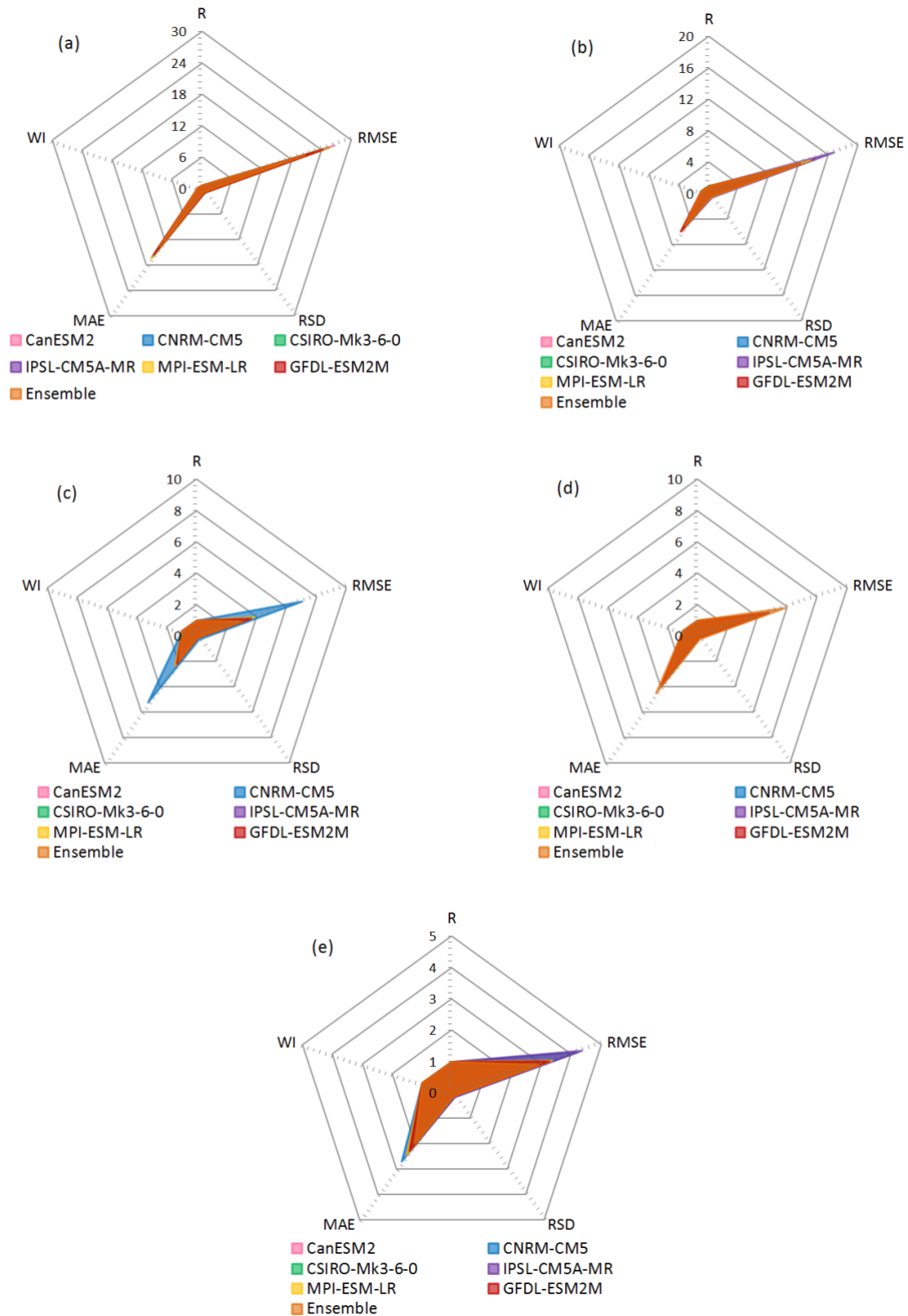
<b>Row</b>	<b>Station</b>	<b>Latitude</b>	<b>Longitude</b>
1	Abadan	30.37	48.25
2	Ardebil	38.25	48.28
3	Arak	34.1	49.77
4	Ahvaz	31.33	48.66
5	Babolsar	36.70	52.64
6	Bandar-Abbas	27.22	56.37
7	Bam	29.1	58.35
8	Bandar-Lengeh	26.53	54.83
9	Bandar-Anzali	37.48	49.46
10	Birjand	32.87	59.2
11	Bushehr	28.97	50.82
12	Chabahar	25.17	60.37
13	Esfahan	32.62	51.67
14	Fasa	28.97	53.68
15	Gorgan	36.9	54.47
16	Iranshahr	27.2	60.7
17	Kashan	33.98	51.45
18	Kerman	30.25	56.97
19	Kermanshah	34.35	47.15
20	Khoram abad	33.43	48.28
21	Khoy	38.55	44.97
22	Mashhad	36.27	59.63
23	Qazvin	36.25	50.05
24	Rasht	37.32	49.62
25	Ramsar	36.9	50.67
26	Sabzevar	36.2	57.65
27	Saghez	36.25	46.27
28	Sanandaj	35.33	47
29	Semnan	35.58	53.42
30	Shahre Kord	32.28	50.85
31	Shahrud	36.42	54.95
32	Shiraz	29.53	52.6
33	Tabriz	38.08	46.28
34	Tehran	35.68	51.32
35	Urmia	37.67	45.05
36	Yazd	31.9	54.28
37	Zabol	31.03	61.48
38	Zahedan	29.47	60.88
39	Zanjan	36.68	48.48



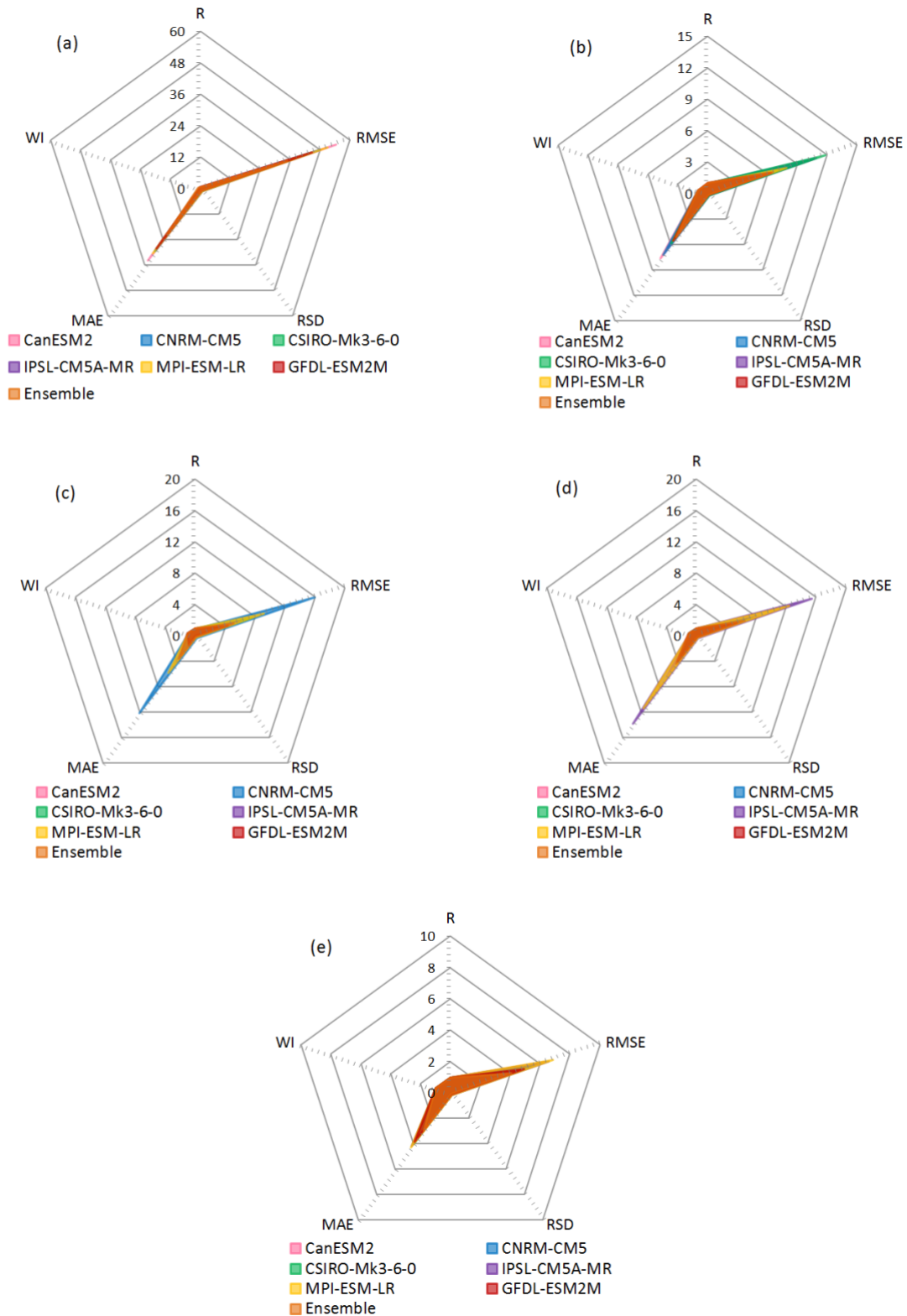
**Fig S1.** Radar chart of evaluation metrics of monthly precipitation obtained from 7 simulations in CORDEX-SA based on BC methods including a) LS, b) GQM, c) GPQM, d) EQM, and e) QRBC for Rasht station.



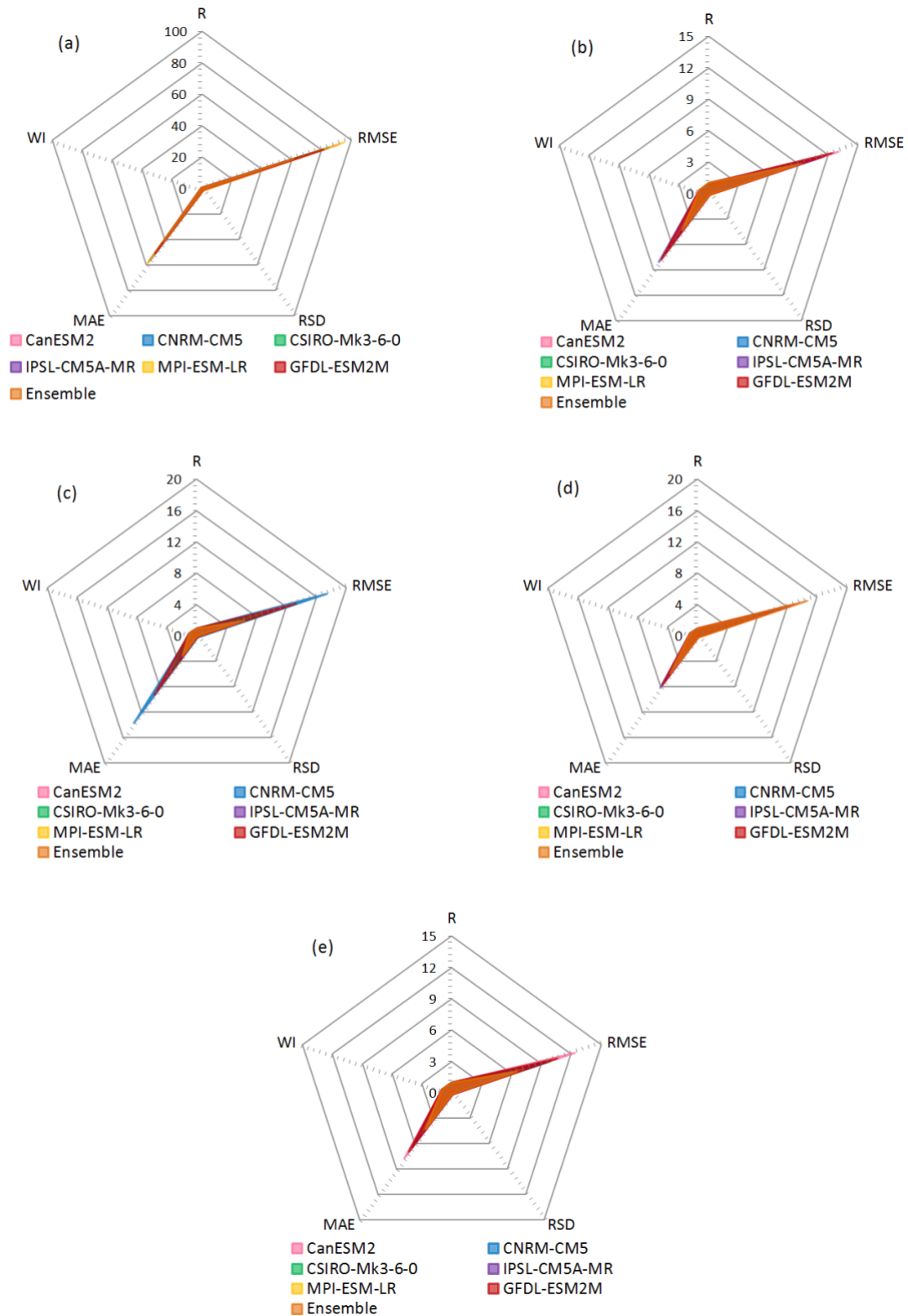
**Fig S2.** Radar chart of evaluation metrics of monthly precipitation obtained from 7 simulations in CORDEX-SA based on BC methods including a) LS, b) GQM, c) GPQM, d) EQM, and e) QRBC for Ardebil station.



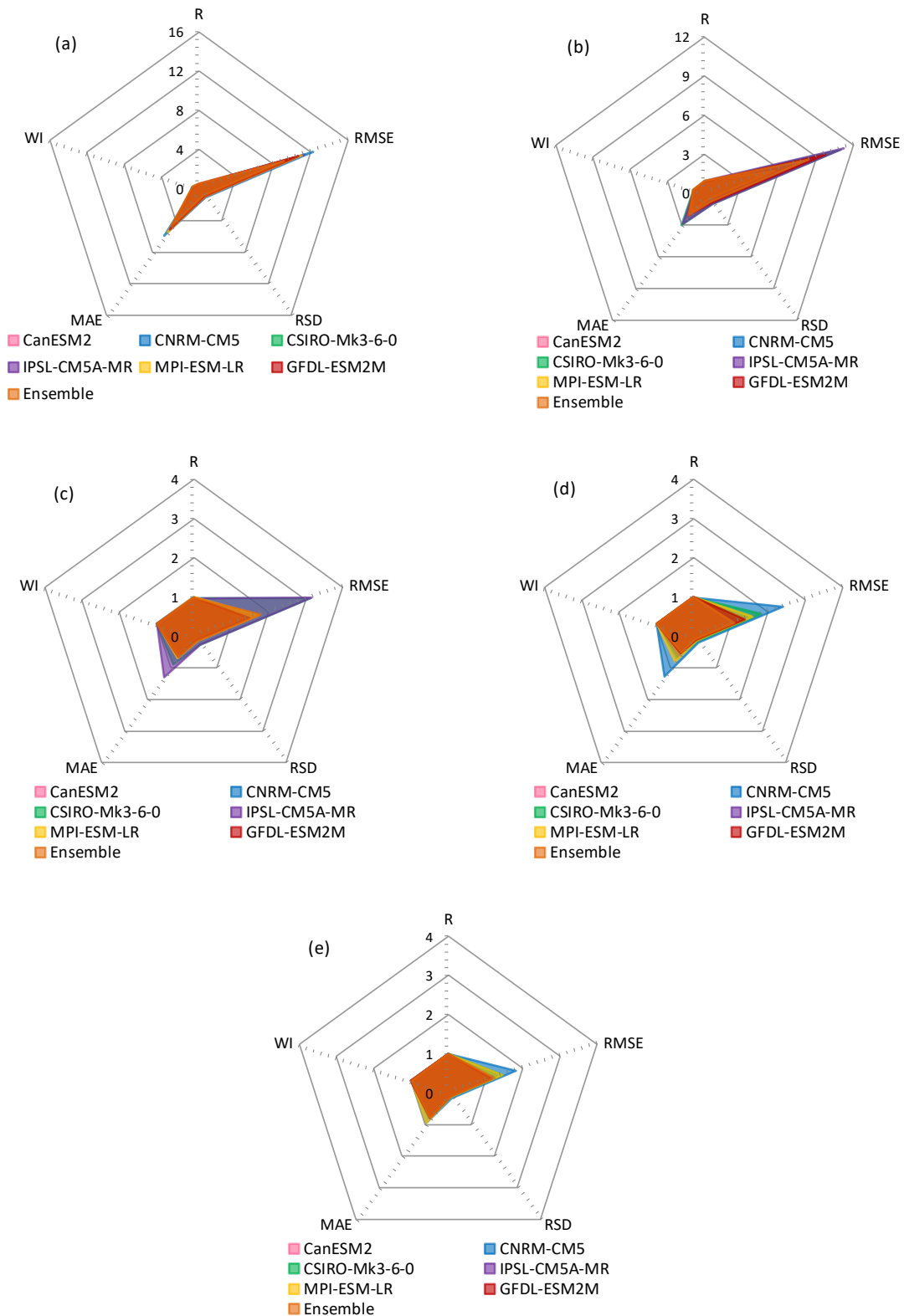
**Fig S3.** Radar chart of evaluation metrics of monthly precipitation obtained from 7 simulations in CORDEX-SA based on BC methods including a) LS, b) GQM, c) GPQM, d) EQM, and e) QRBC for Mashhad station.



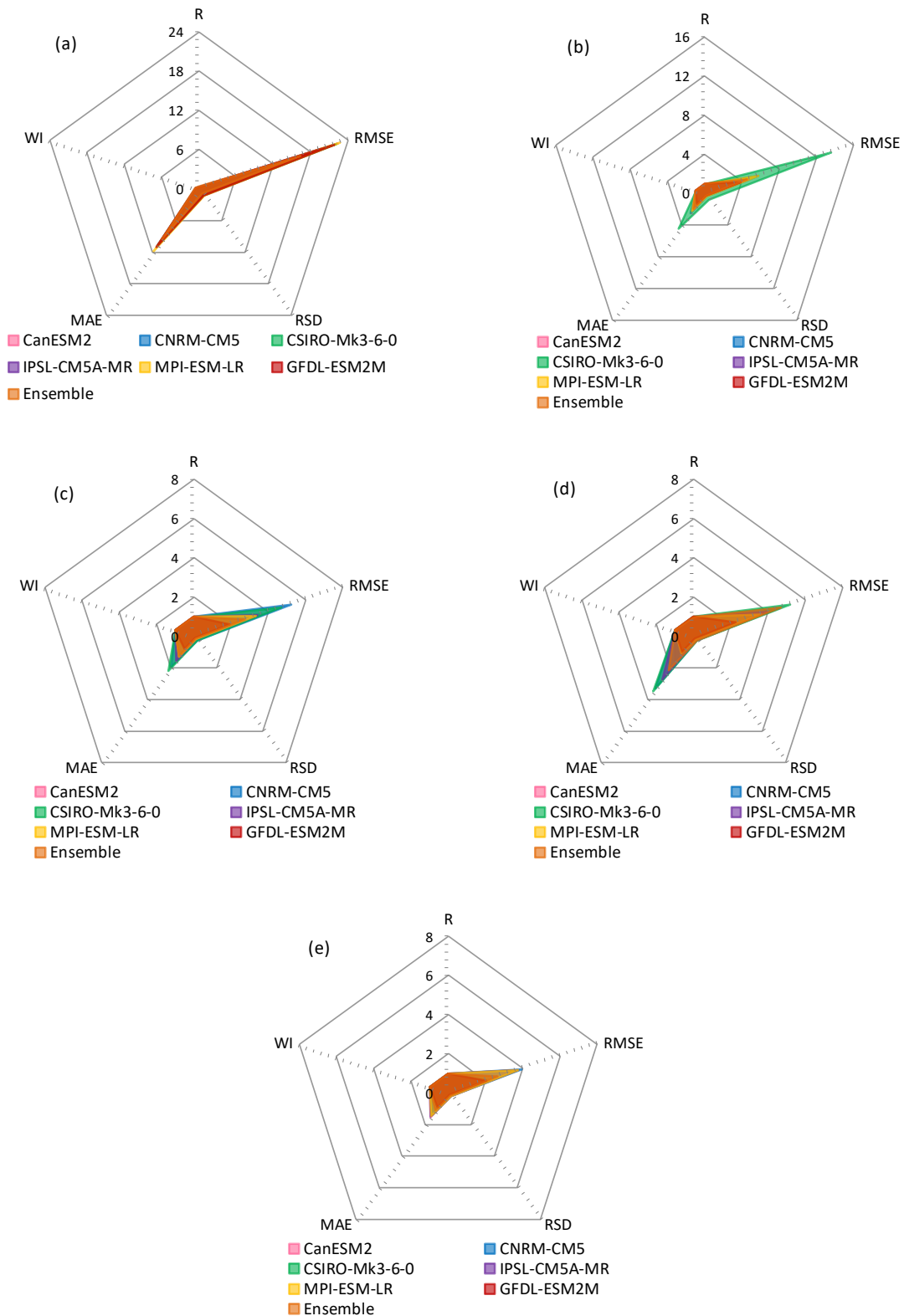
**Fig S4.** Radar chart of evaluation metrics of monthly precipitation obtained from 7 simulations in CORDEX-SA based on BC methods including a) LS, b) GQM, c) GPQM, d) EQM, and e) QRBC for Saqhez station.



**Fig S5.** Radar chart of evaluation metrics of monthly precipitation obtained from 7 simulations in CORDEX-SA based on BC methods including a) LS, b) GQM, c) GPQM, d) EQM, and e) QRBC for Babolsar station.



**Fig S6.** Radar chart of evaluation metrics of monthly precipitation obtained from simulations in CORDEX-SA based on BC methods including a) LS, b) GQM, c) GPQM, d) EQM, and e) QRBC for Zabol station.



**Fig S7.** Radar chart of evaluation metrics of monthly precipitation obtained from 7 simulations in CORDEX-SA based on BC methods including a) LS, b) GQM, c) GPQM, d) EQM, and e) QRBC for Iranshahr station.