

Table R1. The number of spatio-temporally synchronized RS and COSMIC temperature measurements at 925 hPa at each RS sites.

RS sites	NO. of matchups	RS sites	NO. of matchups	RS sites	NO. of matchups
01001	24	01004	3	01028	23
01152	3	02185	12	02836	7
04220	9	04320	8	04339	9
04360	12	20046	6	20292	10
20674	28	20744	12	20891	11
21432	8	21824	14	21946	28
22113	10	22217	4	22271	24
23078	2	23205	28	23330	22
23418	12	23472	13	24125	6
24266	0	24343	15	25123	19
25400	5	25428	0	70026	33
70133	18	71043	2	71081	27
71082	8	71917	0	71924	26
71925	33	71957	13		