Correction to: Analysis of spatiotemporal variations of cloud fraction based on geographic characteristics over Iran

Elham Ghasemifar¹ · Manuchehr Farajzadeh² · Matthew Charles Perry³ · Yousef Ghavidel Rahimi² · Abbasali Aliakbari Bidokhti⁴

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The original version of this article unfortunately contained mistakes.

The 5th author name should be: **Abbasali Aliakbari Bidokhti**.

In section 4.3.2, in order to confirm the results, the analysis of variance (ANOVA) in Table 3 was calculated. This table demonstrates that the between groups variance of latitude classes is 12 to **29** times greater than the within group variance over four seasons. The change is shown in **bold**.

In Table 3, in vegetation section of column F: 7.48 5.54 4.14 **13**. The change is shown in **bold**. The corrected table is given below.

In section 4.3.4, the 3rd sentence should read as “Table 3 indicates that between groups variance is **4** to 13 times greater than within group variance.” The change is shown in **bold**.

And in section 5 Summary and Conclusions, as a result, the factor latitude explained up to 63% of the spatial distribution of cloud cover and vegetation and topography are the second and third factor to control cloudiness over Iran by up to **32** and **28**%, respectively. The change is shown in **bold**.

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✉ Manuchehr Farajzadeh
farajzam@modares.ac.ir

Elham Ghasemifar
elham.ghasemifar@modares.ac.ir

Matthew Charles Perry
matthew.perry@metoffice.gov.uk

Yousef Ghavidel Rahimi
ghavidel@modares.ac.ir

Abbasali Aliakbari Bidokhti
bidokhti@ut.ac.ir

¹ Satellite Climatology, Department of Physical Geography, Tarbiat Modares University, Tehran, Iran

² Climatology, Department of Physical Geography, Tarbiat Modares University, Tehran, Iran

³ Met Office, Exeter, Devon, UK

⁴ Space Physics, Institute of Geophysics, University of Tehran, P. O. Box, Tehran 14155-6466, Iran

Table 3 Analysis of variance (ANOVA) regarding latitude, altitude, and vegetation classes which is statistically significant at $\alpha = 0.05$

		<i>df</i>	Sum of squares				<i>F</i>				Sig			
			Win.	Spr.	Sum.	Fal.	Win.	Spr.	Sum.	Fal.	Win.	Spr.	Sum.	Fal.
Latitude	Between groups	15	2.33	1.68	4.52	1.89	16.84	12.1	28.5	21	0.000	0.000	0.000	0.000
	Within groups	191	1.76	1.76	2.01	1.14								
	Total	206	4.1	3.44	6.54	3.04								
Altitude	Between groups	5	0.29	0.57	2.71	0.73	3.12	8.07	28.4	12.8	0.010	0.000	0.000	0.000
	Within groups	201	3.80	2.87	3.83	2.30								
	Total	206	4.10	3.44	6.54	3.04								
Vegetation	Between groups	8	.752	.492	.725	.748	7.48	5.54	4.14	13	0.000	0.000	0.000	0.000
	Within groups	199	3.350	2.957	5.865	2.321								
	Total	206	4.102	3.449	6.590	3.069								