



Correction



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Author for correspondence:

Alexander Grayver

e-mail: agrayver@uni-koeln.de

Correction to 'Magnetic signals from oceanic tides: new satellite observations and applications'

Alexander Grayver¹, Christopher C. Finlay² and Nils Olsen²

¹Institute of Geophysics and Meteorology, University of Cologne, Cologne, Germany

²DTU Space, Technical University of Denmark, Lyngby, Hovedstaden, Denmark

AG, 0000-0003-1132-3705

The phases of the KALMAG and CM6 models were not rendered relative to the Greenwich meridian, resulting in erroneous values in [table 2](#) and [figure 5](#). We have now corrected the RMSE ([table 2](#)) and correlation coefficient ([figure 5](#)) values using the consistent phases for these two models.

These revisions do not affect the results, conclusions or overall purpose of this paper.

The table and the figure have been corrected in the version of record.

Authors' contributions. A.G.: writing—original draft, writing—review and editing; C.C.F.: writing—review and editing; N.O.: writing—review and editing.

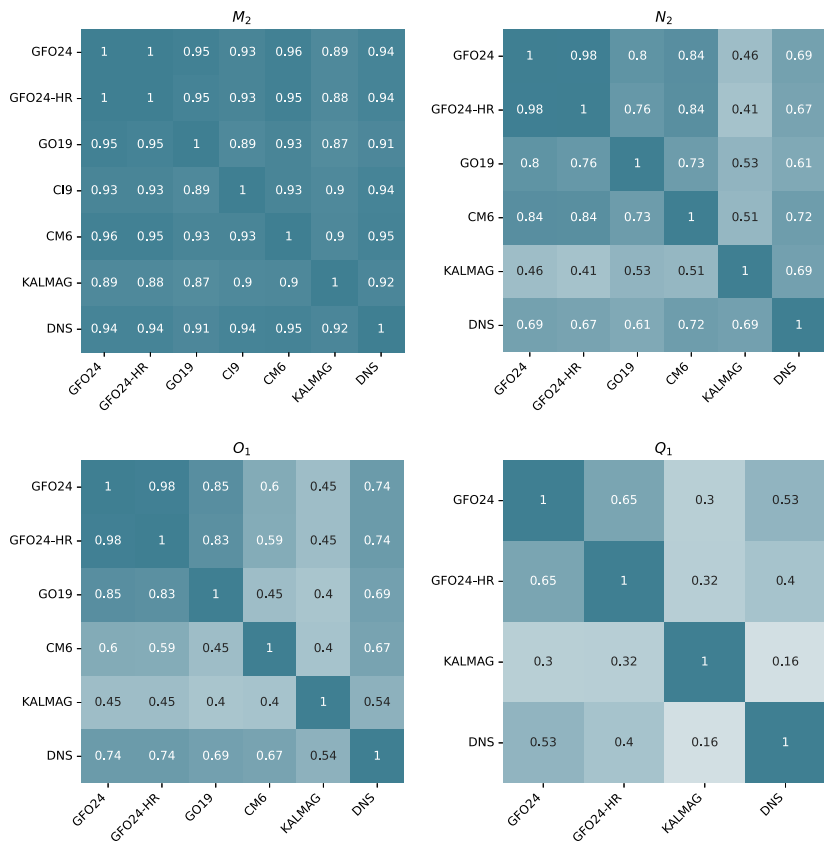


Figure 5. Pearson correlation coefficients between different models of the observed signals and a three-dimensional DNS for the four tidal constituents. Correlations were calculated between real parts of the radial magnetic field maps at the altitude of 430 km (shown in figures 2 and 3). Correlation coefficients for imaginary parts are similar.

Table 2. (a) RMSE between observed tidal signals and three-dimensional DNS for four considered tidal constituents (calculated as described in §2b). The radial magnetic field component at an altitude of 430 km was used. (b) Corresponding maximum SH degree used to calculate the magnetic fields.

(a) RMSE (nT)	M_2	N_2	O_1	Q_1
GF024	0.166	0.063	0.070	0.027
GF024-HR ^a	0.167	0.069	0.074	0.033
G019	0.193	0.088	0.098	—
C19	0.169	—	—	—
CM6 ^b	0.196	0.089	0.126	—
KALMAG	0.210	0.088	0.092	0.062

(b) N_{max}	M_2	N_2	O_1	Q_1
GF024	28	12	12	4
GF024-HR ^a	32	14	14	6
G019	28	12	12	—
C19	18	—	—	—
CM6 ^b	28	12	12	—
KALMAG	30	39	30	30

^aHigher-resolution models, determined up to higher SH degrees compared to GF024.
^bAlthough higher-degree expansions were reported in the original study [34], the authors stated that only signals up to the herein specified degrees are reliable.