

CORRECTION

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# Correction: Towards a better understanding of the characteristics of fractal networks

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The original article can be found online at <https://doi.org/10.1007/s41109-023-00537-8>.

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Following publication of the original article [1], the authors identified errors in Table 8. The correct table 8 is given below.

The original article [1] has been corrected.

**Table 8** The relation of network models and real networks to the examined conjectures concerning fractal characteristics. The check mark (✓) denotes that the model/real networks support the statement (for real networks it means that the distribution of the metric is statistically significantly different in fractal and non-fractal networks), the cross mark (×) means that they contradict it, i.e. they behave in the opposite way, the circle (○) refers to mixed results and when no clear conclusion can be drawn, moreover, the hyphen (–) denotes when the analysis could not be carried out due to the nature of the model. Finally,  $N$  denotes the number of nodes and  $n$  denotes the number of iterations

		SHM	HADGM	( $u,v$ )-flower	RBFM	LSwTM	Real networks
Disassortativity		frac.⇒ disass.; disass.⇏ frac.	frac.⇒ disass.; disass.⇏ frac.	✓	✓	×	✓
Hub repulsion		✓	✓	✓	○	✓	✓
Long range anticorrelation	Fluctuation analysis	✓	○	✓	×	×	○
	Hub distances	○	✓	✓ ( $n > 3$ )	✓	–	○
Neighbour connectivity		○	○	○	○	×	○
Small edge BC	Mean EBC	×	×	×	×	×	×
	Max EBC	×	×	✓	×	×	×
	Mean of top 5%	×	×	✓ ( $N \leq 100$ ); × ( $N > 100$ )	×	×	×
Weak correlation between degree and node BC		✓ ( $N > 100$ )	○	○	○	○	○
Non-small-world property	Average path length and diameter	✓	✓	✓	○	✓	large dist.⇒ frac.; small dist.⇏ non-frac.
	Growing network models	○	○	○	○	○	–

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**Reference**

1. Zakar-Polyák E et al (2023) Towards a better understanding of the characteristics of fractal networks. *Appl Netw Sci* 8:17. <https://doi.org/10.1007/s41109-023-00537-8>