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Supplementary Information

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The abstract text goes here. The abstract text goes here.

The main document should include:

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All main manuscript text. Ensure that all figures, tables and any relevant supplementary materials are mentioned within the text References

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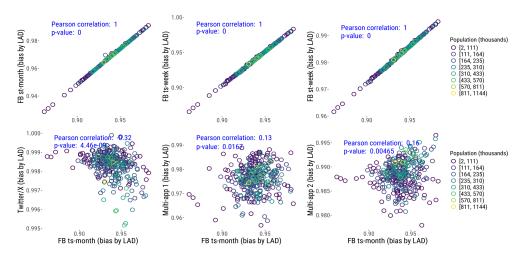
Tables with captions Figure captions with credits where relevant

		Queen neighbours	k-nearest neighbours	Distance band (optimal)	Distance band (user)
Twitter/X		0.019***	0.014**	0.009*	-5.289e-5 (n.s.)
Facebook	tts-week	0.078*	0.103***	-0.104*	0.132***
	tts-month	0.078*	0.101***	-0.103*	0.130***
	stt-week	0.079*	0.103***	-0.104*	0.131***
	stt-month	0.078*	0.101***	-0.104*	0.131***
Multi-app GPS 1		0.101***	0.009 (n.s.)	0.084***	0.078***
Multi-app GPS 2		0.467***	0.437***	0.295***	0.181***

^{***}p<0.001, **p<0.01, *p<0.05, not significant (n.s.)

Figure 1. Supplementary Table 2. Moran's I coefficients and significance, computed according to four spatial weights schemes,

1. Alternative data aggregation approaches for Facebook data



2. Testing for spatial autocorrelation in the size of bias

according to multiple spatial weighting schemes -> compute moran's I and p-values, display them in a table (schemes as columns, data source as rows)

Ethics. Please provide details on the ethics.

Data Accessibility. Please provide details on the data availability.

Authors' Contributions. Please provide details of author contributions here.

Competing Interests. Please declare any conflict of interest here.

Funding. Please provide details on funding

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