Erratum: The tilting rate of the Milky Way’s disc

by Samuel W. F. Earp,1,⋆ Victor P. Debattista,1 Andrea V. Macciò2,3 and David R. Cole4

1Jeremiah Horrocks Institute, University of Central Lancashire, Preston, PR1 2HE, UK
2New York University Abu Dhabi, PO Box 129188, Saadiyat Island, Abu Dhabi, UAE
3Max-Planck-Institute for Astronomy, Königstuhl 17, D-69117 Heidelberg, Germany
4Rudolf Peierls Centre for Theoretical Physics, University of Oxford, Keble Road, Oxford, OX1 3NP, UK

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Fig. 4 showed the correlation between the tilting rate of the stellar disc and the distribution of local densities for spheres with radii 3, 4, 5 and 6 Mpc. The values for local density were incorrect by a factor of 4/3π, Fig. 4 shows the corrected values. This does not affect the correlations presented, or any of the conclusions in the original paper.

Figure 4. Tilting rate versus the local density within a sphere of radius x at redshift z = 0. In all panels, the (black) diamonds represent galaxies in subsample A with masses comparable to the MW, and the (red) squares show galaxies in subsample B with comparable mass and undergoing no interactions since z = 0.3. We measure correlation coefficients for each panel x = 3, 4, 5 and 6 Mpc of p = 0.2, 0.6, 0.8 and 0.8, respectively, for all points, while for subsample B, we find p values of 0.7, 0.95, 0.98 and 0.97, respectively.

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⋆E-mail: swfearp@gmail.com