

Erratum: The SEDIGISM survey: molecular clouds in the inner Galaxy - supplementary material

by A. Duarte-Cabral  and the SEDIGISM consortium

School of Physics & Astronomy, Cardiff University, Queen's building, The parade, Cardiff, CF24 3AA, UK

Key words: errata, addenda – stars: formation – ISM: clouds – Galaxy: structure – galaxies: ISM – galaxies: star formation.

In the supplementary material associated with the publication of Duarte-Cabral et al. (2021), there was a typographical error in equation (B2), used to estimate the Galactocentric z_{gal} coordinate. The correct equation for z_{gal} should read

$$z_{\text{gal}} = R_0 \sin(\theta) - d (\cos(l) \cos(b) \sin(\theta) - \sin(b) \cos(\theta)), \quad (1)$$

identical to equation (C3) of Ellsworth-Bowers et al. (2013), where l and b are the Galactic longitude and latitude respectively, d is the Heliocentric distance, and $\theta = \sin^{-1}(z_0/R_0)$, with $z_0 = 0.025$ kpc being the vertical displacement of the Sun above the Galactic midplane, and $R_0 = 8.34$ kpc the distance of the Sun to the Galactic centre (Reid et al. 2016).

* E-mail: adc@astro.cf.ac.uk

Since z_{gal} was included in the catalogue, but not in the paper, this correction does not affect any of the conclusions in Duarte-Cabral et al. (2021). The z_{gal} values in the original online catalogue, available at <https://sedigism.mpifr-bonn.mpg.de/index.html>, have been corrected and updated accordingly.

The online supplementary file has also been updated accordingly.

REFERENCES

- Duarte-Cabral A. et al., 2021, *MNRAS*, 500, 3027
 Ellsworth-Bowers T. P. et al., 2013, *ApJ*, 770, 39
 Reid M. J., Dame T. M., Menten K. M., Brunthaler A., 2016, *ApJ*, 823, 77

This paper has been typeset from a $\text{\TeX}/\text{\LaTeX}$ file prepared by the author.