

Erratum: Evolution of cosmic star formation in the SCUBA-2 Cosmology Legacy Survey

by N. Bourne,^{1★} J. S. Dunlop,¹ E. Merlin,² S. Parsa,¹ C. Schreiber,³ M. Castellano,² C. J. Conselice,⁴ K. E. K. Coppin,⁵ D. Farrah,⁶ A. Fontana,² J. E. Geach,⁵ M. Halpern,⁷ K. K. Knudsen,⁸ M. J. Michałowski,¹ A. Mortlock,¹ P. Santini,² D. Scott,⁷ X. W. Shu,⁹ C. Simpson,¹⁰ J. M. Simpson,¹ D. J. B. Smith⁵ and P. P. van der Werf³

¹*Institute for Astronomy, University of Edinburgh, Royal Observatory, Edinburgh EH9 3HJ, UK*

²*INAF – Osservatorio Astronomico di Roma, via di Frascati 33, I-00078 Monte Porzio Catone, Roma, Italy*

³*Leiden Observatory, Leiden University, PO Box 9513, NL-2300 RA Leiden, the Netherlands*

⁴*School of Physics and Astronomy, University of Nottingham, University Park, Nottingham NG7 2RD, UK*

⁵*Centre for Astrophysics Research, Science and Technology Research Institute, University of Hertfordshire, Hatfield AL10 9AB, UK*

⁶*Department of Physics, Virginia Tech, Blacksburg, VA 24061, USA*

⁷*Department of Physics and Astronomy, 6224 Agricultural Road, University of British Columbia, Vancouver V6T 1Z1, Canada*

⁸*Department of Earth and Space Sciences, Chalmers University of Technology, Onsala Space Observatory, SE-43992 Onsala, Sweden*

⁹*Department of Physics, Anhui Normal University, Wuhu, Anhui 241000, China*

¹⁰*Gemini Observatory, Northern Operations Center, 670 N. A'ohōkū Place, Hilo, HI 96720-2700, USA*

Key words: errata, addenda – methods: statistical – galaxies: high-redshift – submillimetre: diffuse background – submillimetre: galaxies.

This is an erratum to the paper ‘Evolution of cosmic star formation in the SCUBA-2 Cosmology Legacy Survey’ was published in MNRAS, 467, 1360-1385 (2017). The paper presented an analysis of the cosmic star formation history and obscuration of star formation across a stellar mass selected sample. An error appeared in the parametric fit to $L_{\text{IR}}/L_{\text{UV}}(L_{\text{UV}}, M_*)$, equation (7) in the original paper, which should read

$$\log \left(\frac{L_{\text{IR}}}{L_{\text{UV}}} \right) = \log a + b \log \left(\frac{L_{\text{UV}}}{10^9 L_{\odot}} \right) + c \log \left(\frac{M_*}{10^9 M_{\odot}} \right). \quad (1)$$

In the original version, the first term on the right-hand side was incorrectly written as simply a . The equation was also written incorrectly in the conclusions. In the equation above, the best-fitting parameters given in the original paper are correct: $a = 5.9 \pm 1.8$, $b = -0.56 \pm 0.07$ and $c = 0.70 \pm 0.07$ (reduced $\chi^2 = 0.2$). None of the conclusions discussed in the original paper are affected by this typographical error.

* E-mail: nbourne22@gmail.com

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