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Erratum: The *Herschel*⋆ PEP/HerMES Luminosity Function – I. Probing the Evolution of PACS selected Galaxies to $z \simeq 4$

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This is an erratum to the paper 'The *Herschel* PEP/HerMES Luminosity Function – I: Probing the Evolution of PACS selected Galaxies to $z \simeq 4$', by Gruppioni et al., published in MNRAS, 432, 23 (2013).

Here, we replace Fig. 8, using the correct scaling in the *y*-axis. In the original version, the data reported in Fig. 8 had not been divided by the logarithmic bin-width, as stated in the *y*-axis label (in $\mathrm{Mpc}^{-3}\,\mathrm{dex}^{-1}$). The rest of the paper and our conclusions are unaffected by this small correction.

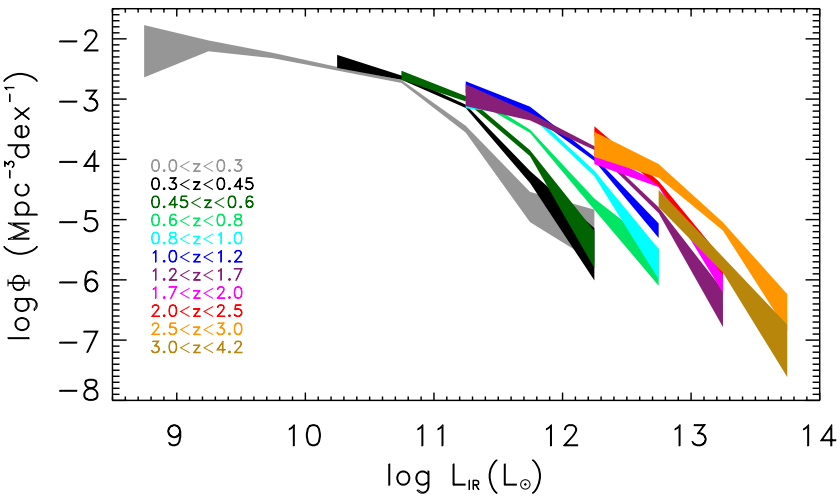

Figure 8. Total IR luminosity function estimated by combining the data from the four PEP fields using the Avni & Bahcall (1980) method plotted in all the different redshift intervals considered in this study, from $z \sim 0$ to $z \sim 4$. The different colour-filled areas represent the $\pm 1\sigma$ (Poissonian) uncertainty regions at different redshifts.

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