Molecular gas in super spiral galaxies
(\textit{Corrigendum})

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We have noticed an error in Eq. (9) of our original paper. Furthermore, in the paragraph below, we provide an explanation of how $L_{W3,dust}$ and $L_{W4,dust}$ were calculated, which was not described correctly in our paper.

The correct form of Eq. (9), which was correctly applied in the paper, is the following:

\[
\text{SFR}_{W3,C17}(M_\odot \text{ yr}^{-1}) = (L_{W3,dust})^{0.889}10^{37.81}, \tag{9}
\]

where $L_{NUV}$ is the luminosity of the Galaxy Evolution Explorer (GALEX) near-ultraviolet (NUV) band and $L_{W3,dust}, L_{W4,dust}$ are the luminosities from the dust contribution to the Wide-field Infrared Survey Explorer (WISE) W3 and W4 bands. The latter was obtained from the total luminosities in these bands after subtracting the stellar continuum based on the W1 luminosity, $L_{W1}$, calculated following Jarrett et al. (2017) as cited in Cluver et al. (2017), as $L_{W3,stellar} = 0.158 \times L_{W1}$ and $L_{W4,stellar} = 0.059 \times L_{W1}$ (very similar to the coefficients of Janowiecki; $L_{W3,stellar,J17} = 0.201 \times L_{W1}$, and $L_{W4,stellar,J17} = 0.044 \times L_{W1}$). All luminosities are defined as $\nu L_{\nu}$ and are in units of erg s$^{-1}$.

References