

The AMIGA sample of isolated galaxies (Corrigendum)

IX. Molecular gas properties

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We noticed two errors in our paper: (1) in Eqs. (6) and (7) the units for L_{IR} and L_{FIR} should be erg s^{-1} (instead of erg yr^{-1}). (2) In Table 8 there are some erroneous values for the means of the AMIGA sample (i.e. in Cols. 2 and 3). None of these errors affect the conclusions of the paper. Below we attach the correct version of the table.

Table 8. Mean deficiencies of M_{H_2} , L_{FIR} and $L_{\text{FIR}}/M_{\text{H}_2}$ in interacting samples and AMIGA.

	AMIGA		Casasola et al. (2004)		Perea et al. (1997)	
	All types	$T = 3-5$	All types	$T = 3-5$	WPER	SPER
$\langle \text{def}(M_{\text{H}_2}) \rangle (L_{\text{B}}, \text{bise.})$	0.07 ± 0.04	0.01 ± 0.04	0.13 ± 0.07	-0.31 ± 0.07	-0.03 ± 0.07	-0.25 ± 0.08
n/n_{up}	173/79	88/21	153/35	68/9	43/0	35/0
$\langle \log(M_{\text{H}_2}/L_{\text{B}}) \rangle$ (for $10^{10} < L_{\text{B}} \leq 10^{10.6}$)	-1.10 ± 0.06	-1.04 ± 0.05	-1.12 ± 0.08	-0.71 ± 0.08	-0.93 ± 0.06	-0.71 ± 0.08
n/n_{up}	50/11	40/5	85/13	39/6	24/0	19/0
$\langle \text{def}(M_{\text{H}_2}) \rangle (L_{\text{K}}, \text{bise.})$	0.12 ± 0.05	0.05 ± 0.04	0.03 ± 0.08	-0.16 ± 0.06	0.13 ± 0.07	-0.02 ± 0.05
$\langle \log(M_{\text{H}_2}/L_{\text{K}}) \rangle$	-1.87 ± 0.05	-1.66 ± 0.04	-1.70 ± 0.08	-1.37 ± 0.07	-1.65 ± 0.07	-1.47 ± 0.05
n/n_{up}	157/65	87/20	132/29	60/6	43/0	32/0
$\langle \text{def}(L_{\text{FIR}}) \rangle$	0.02 ± 0.04	-0.05 ± 0.04	-0.39 ± 0.02	-0.44 ± 0.03	-0.48 ± 0.08	-1.07 ± 0.09
n/n_{up}	172/75	88/20	628/0	340/0	43/0	35/0
$\langle \log(L_{\text{FIR}}/M_{\text{H}_2}) \rangle$	0.72 ± 0.03	0.63 ± 0.03	0.89 ± 0.05	0.75 ± 0.05	0.98 ± 0.07	1.33 ± 0.05
n/n_{up}	97/22	68/10	105/15	51/4	43/0	35/0