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Erratum: “SQuIGGLE: Studying Quenching in Intermediate- z Galaxies— Gas, Angular Momentum, and Evolution” (2022, *ApJ*, 926, 89)

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Supporting material: machine-readable table

1. Correction to Stellar Mass Units

In the published article, we fit all ~ 1300 galaxies in the SQuIGGLE survey using the `Prospector` stellar population fitting code (Johnson et al. 2021). We reported $\log M_*/M_\odot$ in Figure 9 and Table 2 as the total mass formed, the default mass unit used in `Prospector`. However, $\log M_*/M_\odot$ values in the literature are typically reported as stellar mass *surviving*. Surviving stellar mass is smaller than total mass formed by ~ 0.1 – 0.3 dex due to stellar mass loss throughout a galaxy’s lifetime (e.g., Conroy 2013). Figure 1 shows an updated version of the $\log M_*/M_\odot$ distribution of SQuIGGLE galaxies. Table 1 includes the ID numbers and stellar masses of all galaxies in the SQuIGGLE sample. The median $\log M_*/M_\odot$ value decreases by ~ 0.2 dex with this unit change from $10^{11.39} M_\odot$ to $10^{11.20} M_\odot$.

We note that the star formation rates (SFRs), burst masses, burst mass fractions, and time since quenching values reported in the published article are unaffected by this unit change: the convention commonly used in the literature is to report these quantities in units of total mass formed neglecting the effects of mass loss.

This update does not affect the major conclusions of the published article: post-starburst galaxies in the SQuIGGLE sample are still massive, have SFRs suppressed below the star-forming main sequence, and recently quenched a major epoch of star formation.

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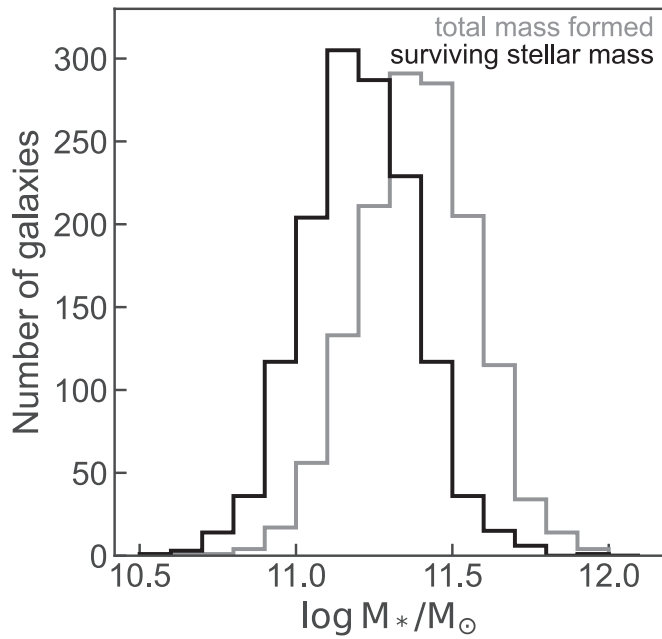


Figure 1. Histograms of both the total mass formed (reported in the published article) and the surviving stellar mass (reported here for more accurate comparison with other studies).

Table 1

Updated Total Stellar Masses for SQuIGGLE Post-starburst Galaxies

SDSS III ID	$\log M_*/M_\odot^a$
spec-6137-56270-0195	$11.21^{+0.06}_{-0.08}$
spec-0978-52431-0077	$11.15^{+0.09}_{-0.03}$
spec-5192-56066-0419	$11.25^{+0.06}_{-0.05}$
spec-5288-55865-0858	$10.88^{+0.10}_{-0.06}$
spec-4575-55590-0605	$11.12^{+0.04}_{-0.04}$
spec-3817-55277-0279	$11.39^{+0.03}_{-0.03}$
spec-5140-55836-0177	$11.06^{+0.03}_{-0.02}$
spec-1630-54476-0502	$11.36^{+0.04}_{-0.11}$
spec-3754-55488-0041	$11.33^{+0.03}_{-0.04}$
spec-6649-56364-0311	$11.25^{+0.05}_{-0.08}$
spec-5048-56218-0165	$11.33^{+0.04}_{-0.05}$
spec-6054-56089-0547	$11.46^{+0.02}_{-0.02}$
spec-4403-55536-0765	$11.33^{+0.04}_{-0.04}$
spec-6032-56067-0159	$10.97^{+0.04}_{-0.04}$
spec-6639-56385-0597	$11.36^{+0.02}_{-0.04}$
spec-4013-55629-0073	$11.29^{+0.05}_{-0.05}$
spec-5993-56070-0251	$11.30^{+0.04}_{-0.08}$
spec-5014-55717-0745	$11.15^{+0.06}_{-0.06}$
spec-5291-55947-0601	$11.12^{+0.08}_{-0.05}$
spec-5475-56011-0379	$11.42^{+0.03}_{-0.06}$
...	...

Note.

^a *Surviving* stellar mass.

(This table is available in its entirety in machine-readable form.)

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