









# Erratum: MUSEQuBES: Calibrating the redshifts of Ly $\alpha$ emitters using stacked circumgalactic medium absorption profiles

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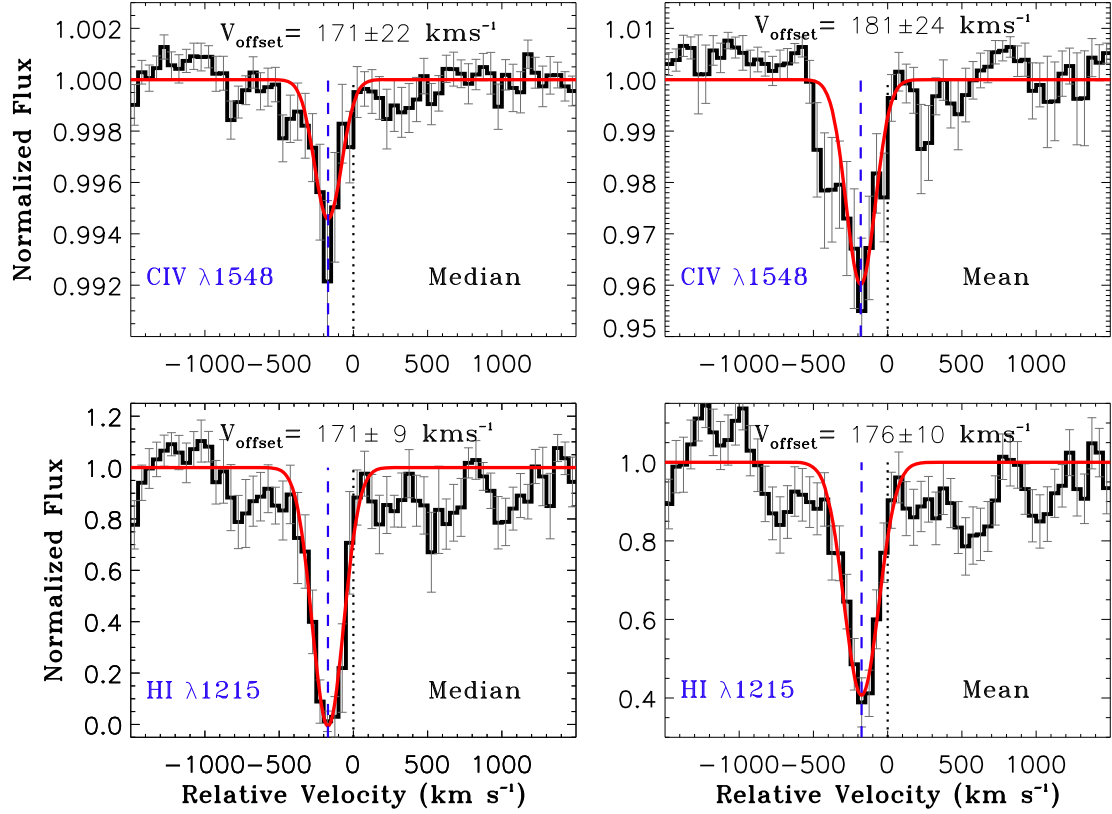
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**Key words:** errata, addenda – galaxies: haloes – galaxies: high-redshift – quasar: absorption lines.

This is an erratum to the paper ‘MUSEQuBES: Calibrating the redshifts of Ly $\alpha$  emitters using stacked circumgalactic medium absorption profiles’ that was published in MNRAS, 496, 1013–1022, 2020 (Muzahid et al. 2020). In the published paper, a previous version of Fig. 2 has been uploaded mistakenly by the publishing house. Here we present the correct version of Fig. 2. This does not have any impact on the results presented in the paper.

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**Figure 2.** Median (left) and mean (right) stacked CGM absorption profiles of HI  $\lambda 1215$  (bottom) and CIV  $\lambda 1548$  (top). The zero velocity ( $V_{\text{peak}}$ ) is defined by  $z_{\text{peak}}$ , the redshift of peak Ly $\alpha$  emission. The profiles are normalized to the pseudo-continuum estimated far away from zero velocity. The  $1\sigma$  errors are calculated from 1000 bootstrap realizations of the LAE sample. The best-fitting Gaussian profiles are shown by the smooth red curves. The centroids of the Gaussians ( $V_{\text{CGM}}$ ), marked by the blue vertical dashed lines, provide the velocity offset,  $V_{\text{offset}} \equiv (V_{\text{peak}} - V_{\text{CGM}})$ .  $V_{\text{offset}}$  measured for the different stacked profiles are indicated in the corresponding panels. The weighted average of the  $V_{\text{offset}}$  values is  $171 \pm 8 \text{ km s}^{-1}$  ( $177 \pm 9 \text{ km s}^{-1}$ ) for the median (mean) stacked profiles.

## REFERENCES

Muzahid S. et al., 2020, *MNRAS*, 496, 1013

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