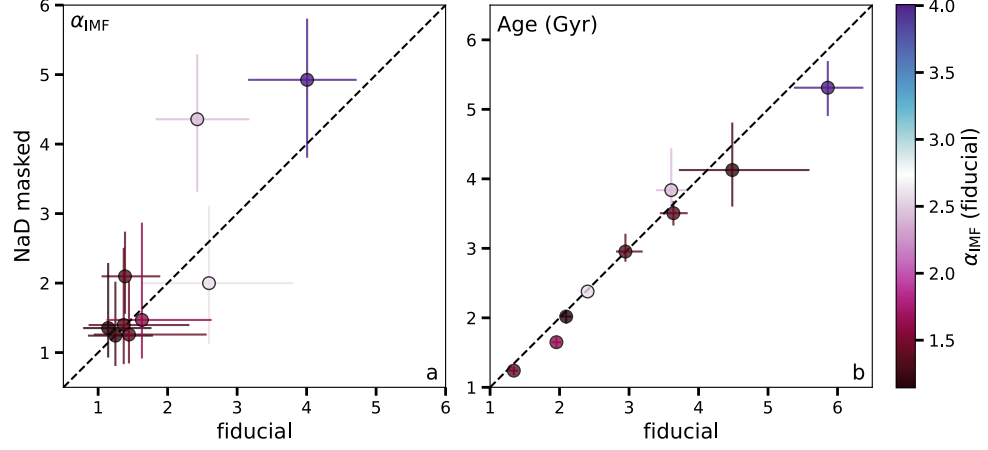
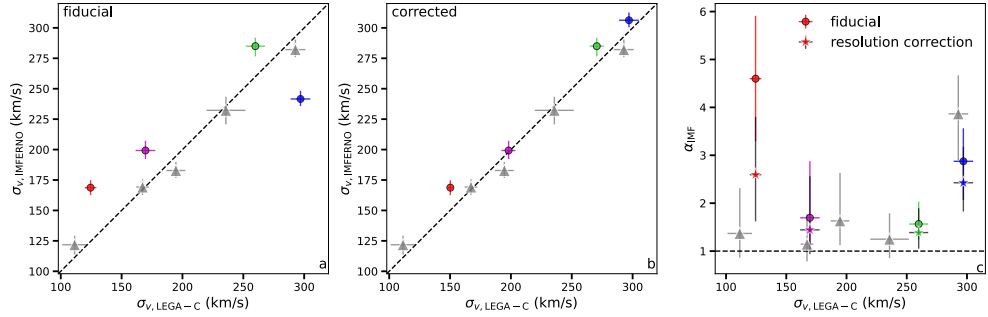

Hidden mass in early galaxies revealed by bottom-heavy initial mass functions

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Supplementary Information.



Supplementary Information Figure 1 The effect of masking the NaD feature for our sample. We compare α_{IMF} (panel a) and age (panel b) from our fiducial fits and fits where we mask NaD. We colour code each point by the α_{IMF} that we obtain from our fiducial fits presented in the body of the paper. Error bars represent statistical uncertainties at the level of 1 standard deviation.



Supplementary Information Figure 2 Demonstration of our velocity dispersion correction to four galaxies in our sample. The triangles show the galaxies that do not need to be corrected, and all other points show the galaxies for which we perform the correction (i.e. broaden the side of the spectrum with lower σ_v). Error bars represent statistical uncertainties at the level of 1 standard deviation. In panel a, we show the fiducial σ_v values from LEGA-C [28, 50] and from fits to the individual IMFERNO spectra. In panel b, we show the corrected σ_v 's. In panel c, we show the effect that the correction has on our derived α_{IMF} .