



Figure 1. Observed luminosity functions of H α , [O III] and [O II] used in the estimation of mean intensity (Colbert et al. 2013; Sobral et al. 2013, 2015; Khostovan et al. 2015). These LFs are not corrected for dust extinction. The H α LFs in Sobral et al. (2013) have had dust extinction of $A_{\text{H}\alpha} = 1$ mag reapplied to match the other data sets. The LFs in Khostovan et al. (2015) are for [O III]+H β instead of [O III] only.