

More rotation and less outflows can explain Lyman-Alpha observed line features

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Radiative transfer MonteCarlo simulations are nowadays a required tool to interpret the Lyman- α line morphology. In this work we explore a new model that computes the joint effect of outflows and bulk rotation. The main conclusion is that rotation and a modest outflow velocity is enough to reproduce the primary characteristics of observed LAEs. We will show results of adjusting observational data for some selected objects to models with and without bulk rotation. We finalize by discussing the possible implications for these results in terms of the energetics required for supernova feedback and outflows in high redshift galaxies.