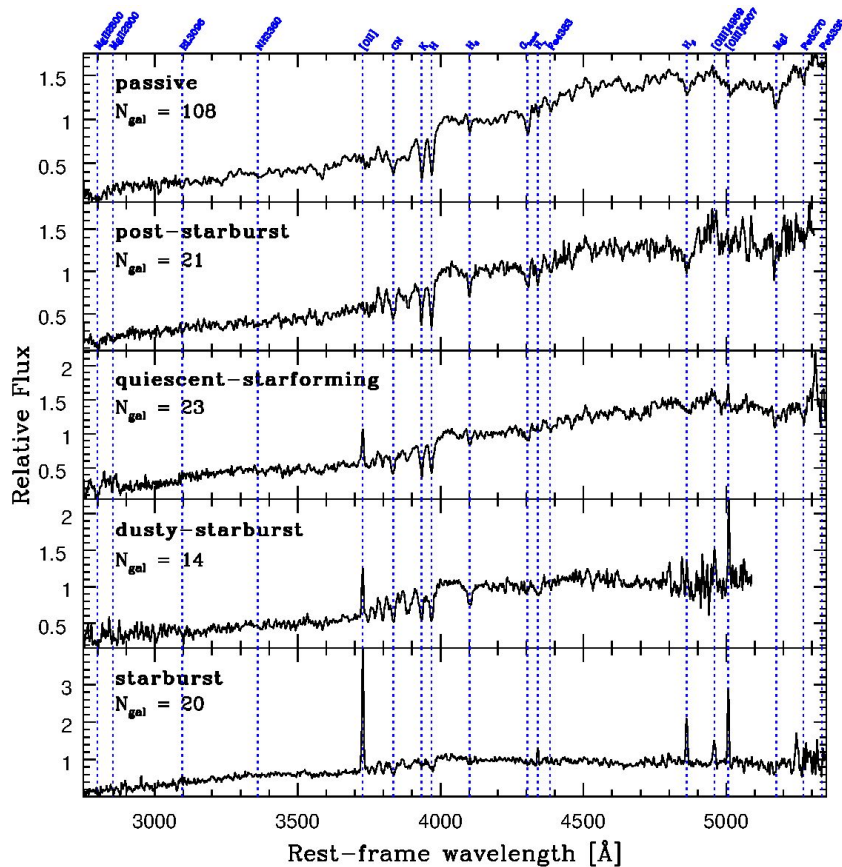


Templates of galaxies residing in cluster at $z \sim 1$



Composite spectra Nastasi et al. 2013

An automatic tool to classify galaxy spectra

- is a machine learning based algorithm.
- for each spectrum, it returns the probability of certain class.
- until now it was trained with 200 spectra of galaxies that resides on cluster environment at high-redshift.
- Public version as a Phyton notebook, <https://github.com/tomasyany/spectra>

Yanis, Pichara & Troncoso Iribarren submm. to A&A