Characterization of SB2 detected in the Gaia-ESO Survey iDR5

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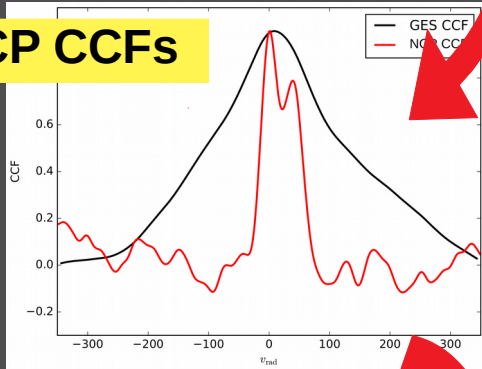[1] Institut d'Astronomie et d'Astrophysique, Université Libre de Bruxelles, Belgium

[2] Faculty of Mathematics and Physics, University of Ljubljana, Slovenia
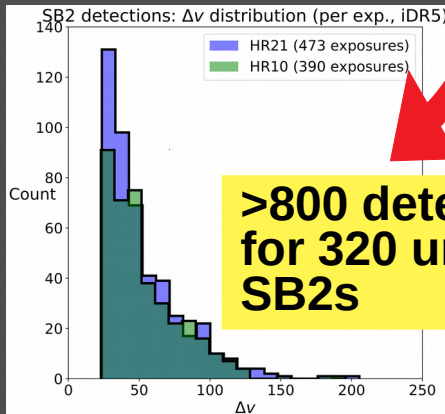
>200 000 GES iDR5 single-exposure spectra GIRAFFE HR10+HR21
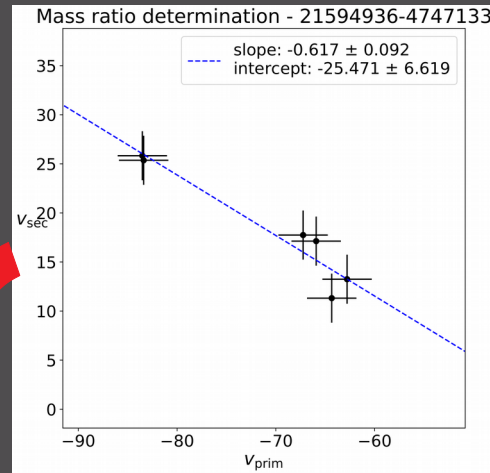
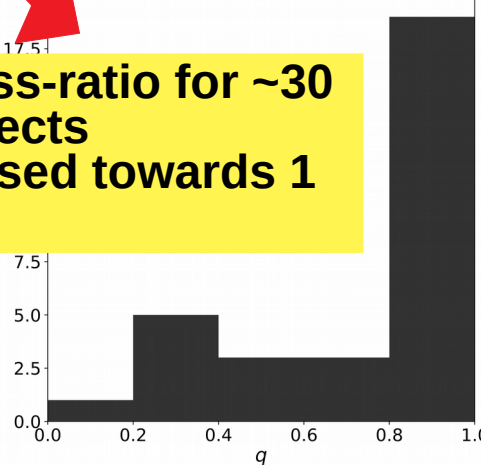**Specific cross-correlating masks**

NCP CCFs

DOE to detect SB2s

>800 detections for 320 unique SB2s
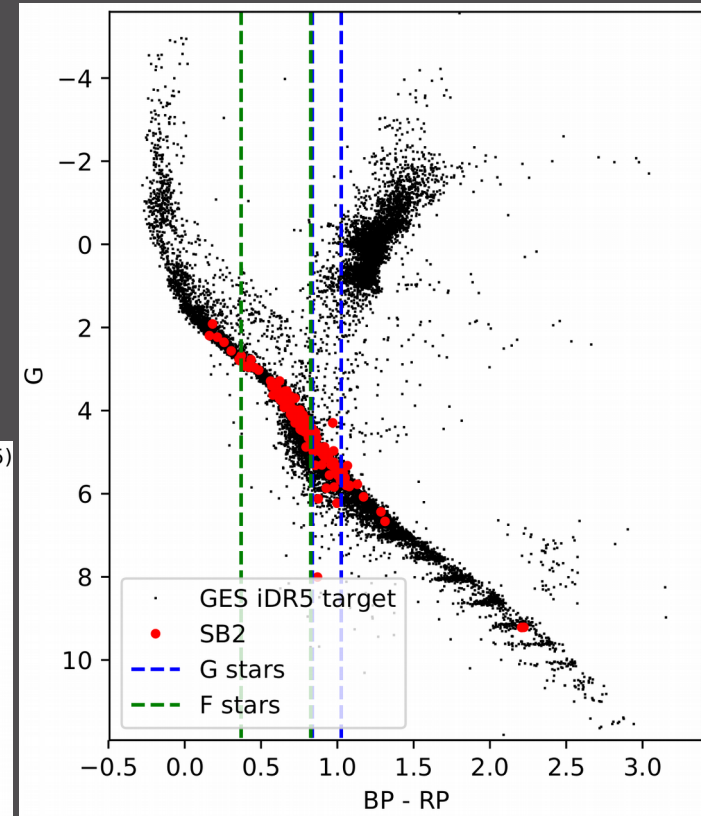
Relation v_{sec} vs v_{prim} => mass-ratio

Mass-ratio for ~30 objects Biased towards 1

Gaia parallaxes + G, BP, RP bands + extinction + redenning + filtering => CMD

GES SB2s are main-sequence F and G stars