

## Searching for galactic sources in the *Swift* catalogue: statistical analyses of the directional distributions of FREDs

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### Abstract

Since the early 90s gamma ray bursts have been accepted to be of extra-galactic origin thanks to the isotropic distribution observed by *BATSE* and the redshifts observed in some of their optical or infrared counterparts. Nevertheless, there is at least one case that upon further examination has turned out to be of galactic origin. In this work we conducted several statistical analyses to determine the degree of contamination by galactic sources of different samples taken from the *Swift* GRB catalog. This poster detailed the methodology.