

Cosmological inference using the Line Of Sight Redshift Prior

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GWcosmo is a package to estimate cosmological parameters using gravitational-wave observations with galaxy catalogues. Its current version for LVK Run O4 makes use of a precomputed ‘Line Of Sight Redshift Prior’, which encodes the redshift information of the galaxies and improves the computing time of the analysis.

Primary author: BEIRNAERT, Freija (Ghent University)

Presenter: BEIRNAERT, Freija (Ghent University)

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