

# Detection and parameter estimation of Galactic binaries

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This tutorial shows the general process to follow when analysing LDC data to detect and characterize gravitational-waves from Galactic compact binaries sources.

The objective is to:

1. Load and plot the TDI data in time and frequency domain
2. Compute a source SNR
3. Compute a likelihood
4. Compute the F-statistics
5. Detect sources using the F-statistics
6. Perform parameter estimation

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