# Predicting the limits of the ELT
## Defensio

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# Outline

# Goal and Motivation

## Goal

Estimate reliability limit for future IMF studies in the galactic centre using the ELT!

## Motivation

**Astronomers**

- estimate number of lower-mass stars
- understand star formation process

**Me**

- N-body simulation with $N \gg 1$
- Clustering of time-dependent data

# Title

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