

THE FINAL FATES OF MASSIVE, UNSTABLE TRIPLES

- **Context** Massive stars often reside in hierarchical triples, and these can disintegrate due evolutionary processes.
- **Goal** Provide a statistical overview of the outcomes of destabilized, massive triples.
- **Methods** Evolve a population of triples using orbit-averaged evolution + population synthesis.
 - Systems that destabilize are transferred to an n-body code.
- **Results**
 - Collisions between two stellar objects (35 – 40 %).
 - Collisions occur mainly between two main sequence stars.
 - Ejection of one of the bodies (32 – 40%).
 - Ejected stars have velocities of a few km/s, with some exceeding 10^2 km/s.

