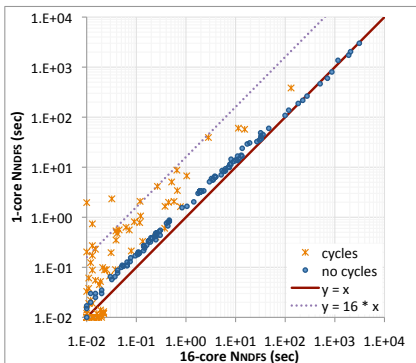


Approaches to Parallel LTL Model Checking

Speedup of Swarmed NDFS (1 versus 16 cores)



[BEEM database]

Alternatives

- ▶ **Swarm verification** with NDFS
 - ▶ Effective, only for bug finding
- ▶ **Dual-core NDFS** [Holzmann]
 - ▶ Red search on 2nd CPU
 - ▶ Speedup of at most factor 2