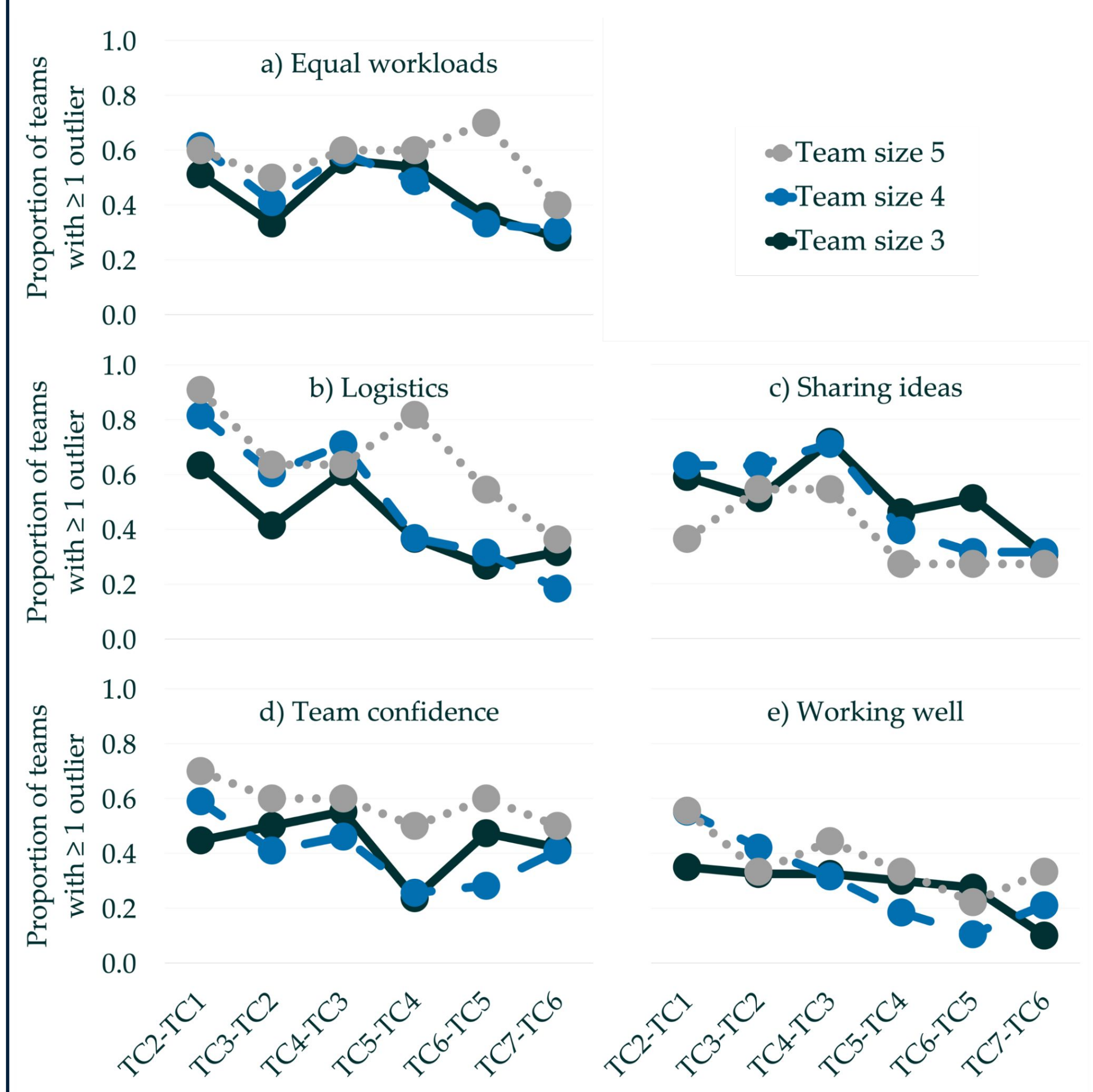


Big-picture research question:  
**Can Tandem improve equity and inclusion in student teamwork?**  
 ← Tool for team support (formation and formative/summative assessment and feedback)

## Recent findings and In-process work

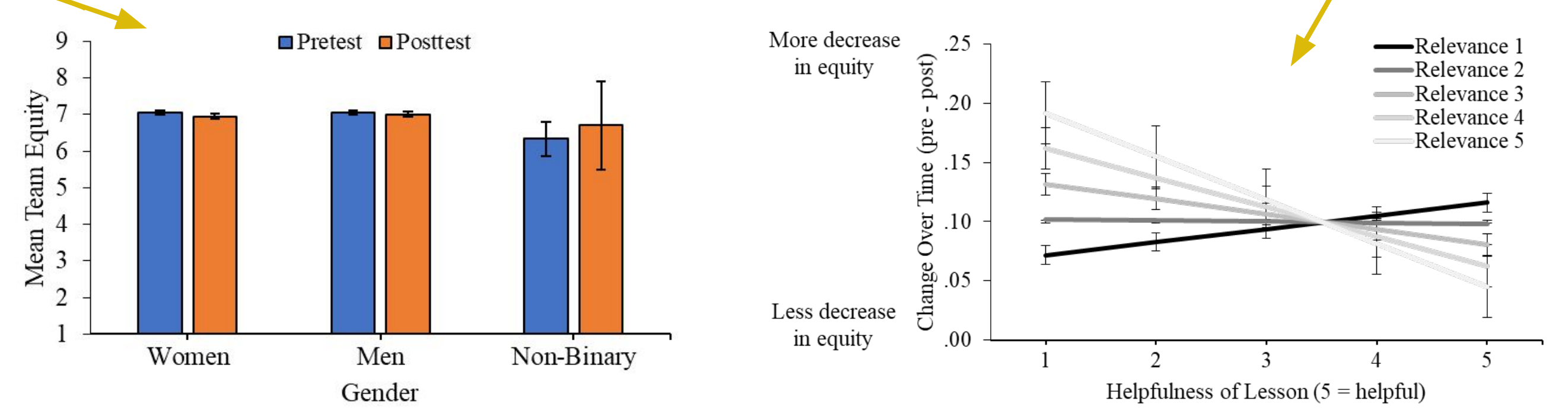
Learning Analytics and Knowledge Conference, 2021:

**Teammates rate team more similarly as semester progresses.**



American Society for Engineering Education, 2022:

**Ratings of team “idea equity” go down for most students following an intervention (consciousness raising?), related to ratings of “relevance” and “helpfulness” of the intervention.**



**Men start semester with higher team confidence ratings re: project than women; women catch up. No gender difference in team collective efficacy (kind of, “confidence the team can be effective”).**

**Is “equity” part of conceptual definitions of “effective” teamwork (in education? in business?)  
 In-process scoping review!**

**What can we learn from open-ended feedback provided in Tandem (reflections, feedback to self/others) and/or from other teamwork-language like recordings of design negotiations?  
 In-process NLP work!**

Future work: iterative improvement through UX work; “equity reports” for faculty to understand and intervene re: systematic issues affecting students in classes; more extensive qualitative/mixed methods work to match external experiences with reports in the tool; machine learning to predict team issues before they occur; A/B testing to see if some interventions better disrupt inequities...