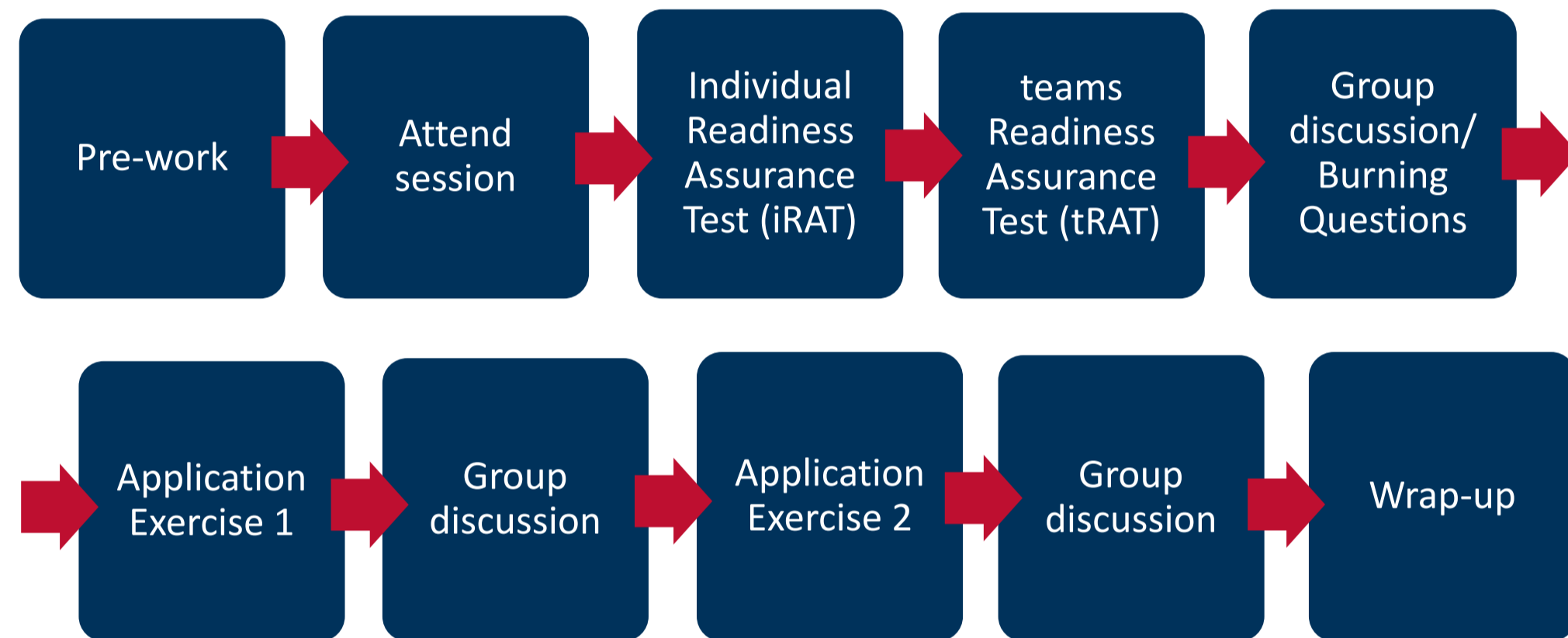


# Using online Team-Based Learning through LAMS and Zoom

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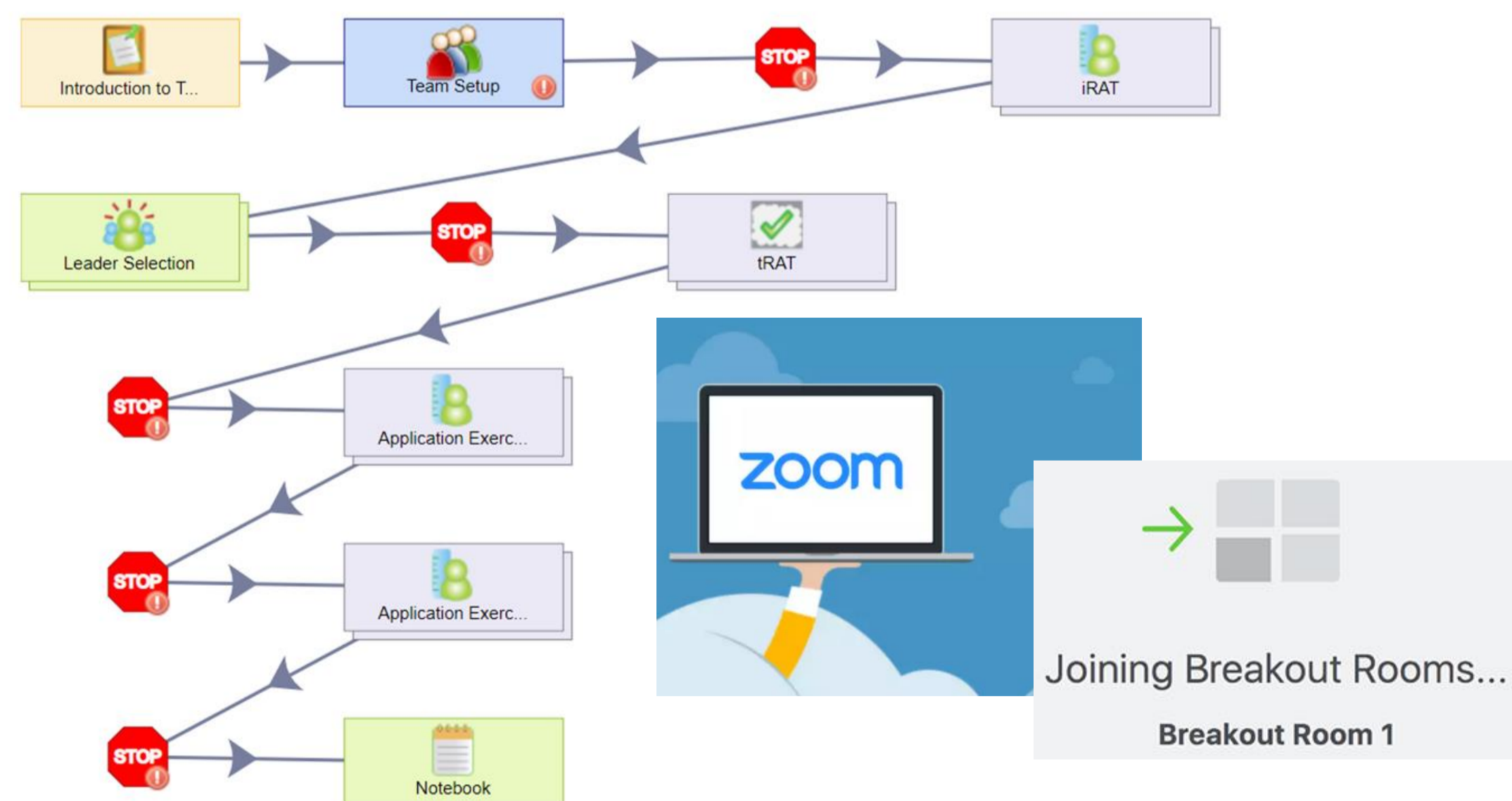
## 1. Team-Based Learning (TBL)

- Evidence-based collaborative learning and teaching strategy<sup>1</sup>
- Emphasises student preparation outside session and application of knowledge in session
- Allows for group discussion, peer-learning, development of communication skills



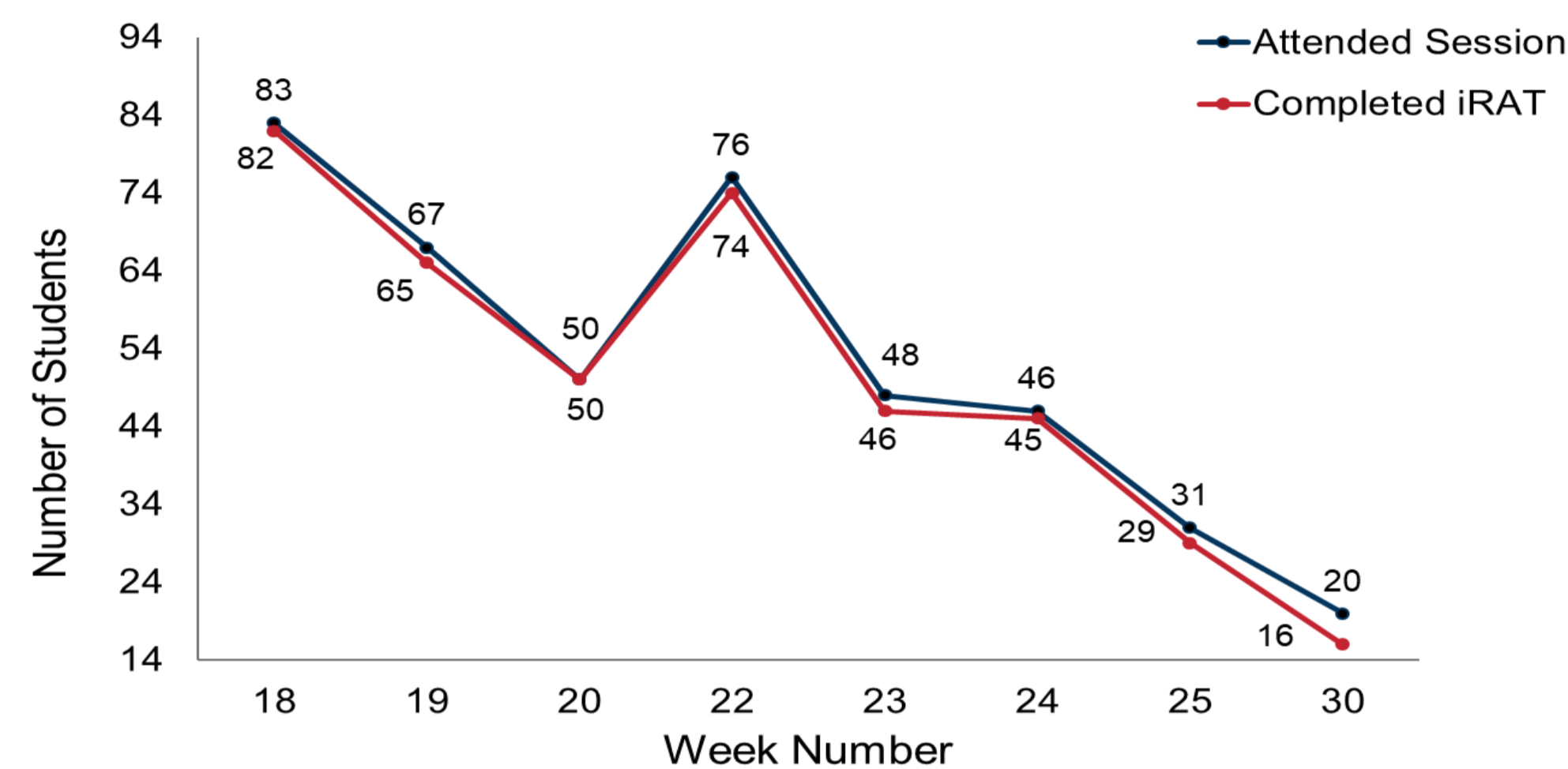
## 2. Learning Activity Management System (LAMS)

- Using LAMS as the online learning environment and Zoom for the online interactions

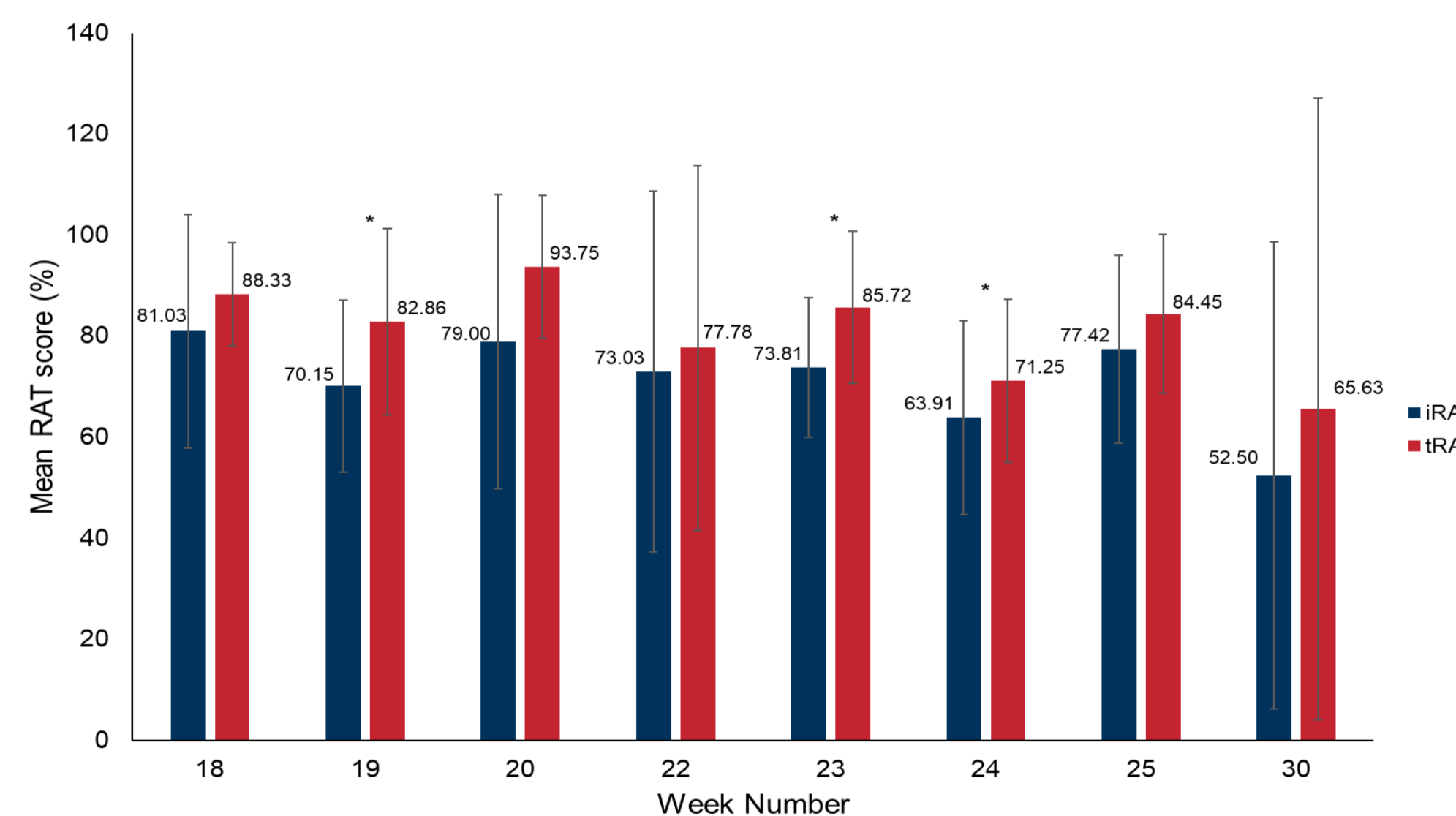


## 3. Student Engagement and Interaction

- Focus on Employability in Psychology (Year 1)
- An overall decrease in attendance. Those that attended showed high level of engagement



- Overall, tRAT scores were larger than iRAT scores with a significant difference in Weeks 19, 23 and 24



- This shows that group discussion helped students' learning and consolidation of the concepts

## 4. Student Engagement and Performance

- Significant, positive correlation between student engagement overall (6 sessions/RATs) and performance;  $N = 212$ ,  $r = .35$ ,  $p < .0005$   
→ The more sessions you attend, the higher your grade
- Significant, positive correlation between student engagement weekly and performance;  $R^2 = .18$ ,  $F(6,211) = 7.66$ ,  $p < .0005$   
→ The session in Week 22 significantly predicts the grade ( $\beta_{22} = .33$ ,  $p < .0005$ ).

## 5. Challenges using Online TBL

- Technological Issues: Managing & engaging multiple platforms (Zoom, LAMS and VLE)
- Student Engagement: Reluctance of cameras on, unmute & engage in team discussions
- Pedagogical: Convert content to TBL format

## 6. Reflections using Online TBL

- Forming teams: Consistent teams most effective to achieve student engagement
- Induction TBL: Include a 'TBL contract' and team-building exercise as the first session
- Pedagogical: RAT and Application Exercises aligned with learning outcomes & assessment

## References

<sup>1</sup> Michaelsen, L. K., & Sweet, M. (2008). The essential elements of team-based learning. *New directions for teaching and learning*, 2008(116), 7-27.