



a.r.u. | Peterborough

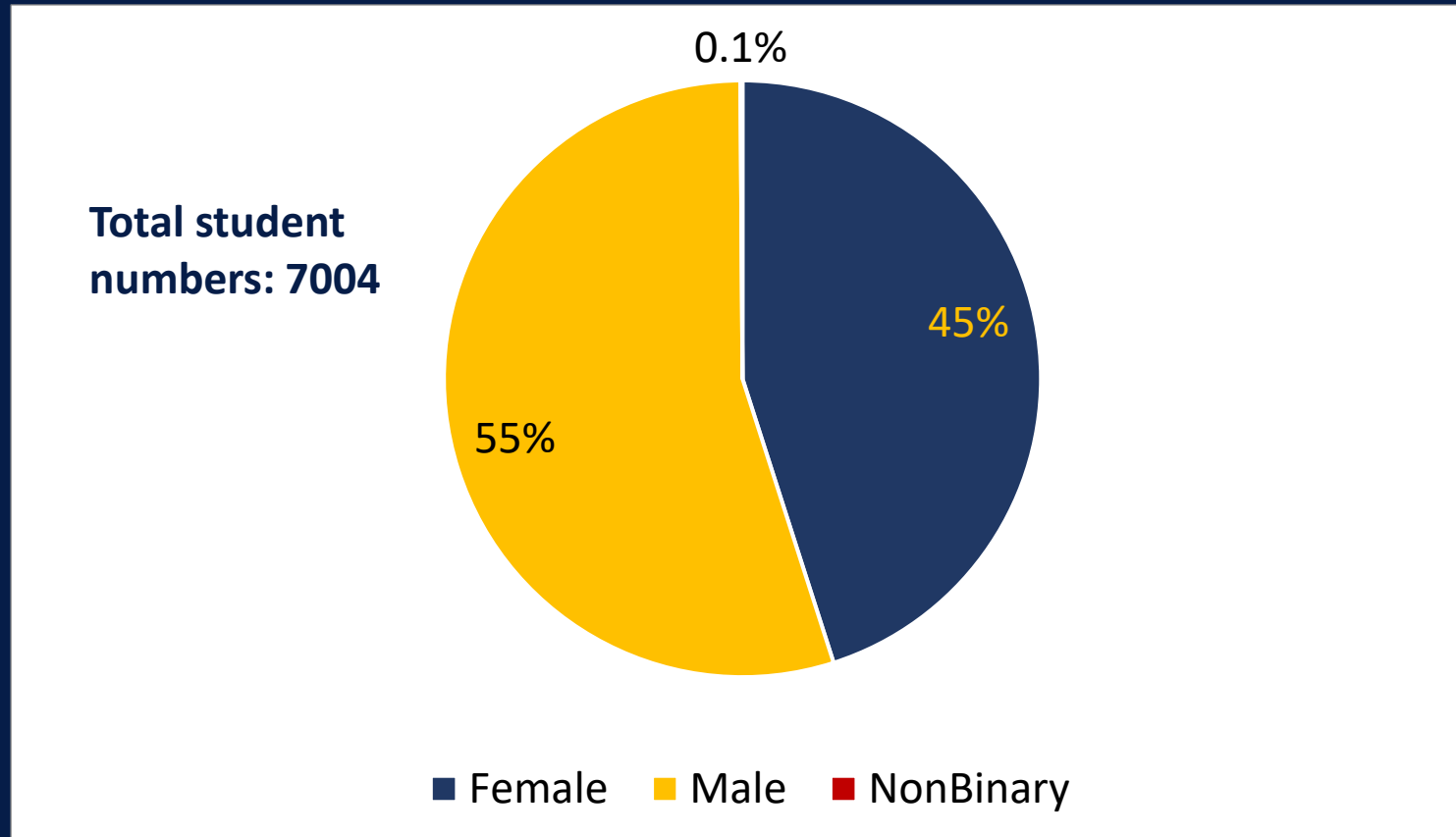
Closing the Assessment Disadvantage Gap

Esther Norton and Claudia Wascher

Closing the Assessment Disadvantage Gap

- Investigate the advantage gaps across assessment type
 - Analysing assessment data for the Faculty of Science & Engineering (FSE) (2019-2021)

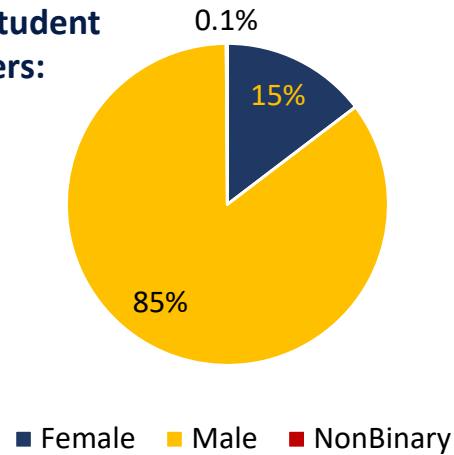
Students in data set FSE: Gender



Students in data set, Gender by School

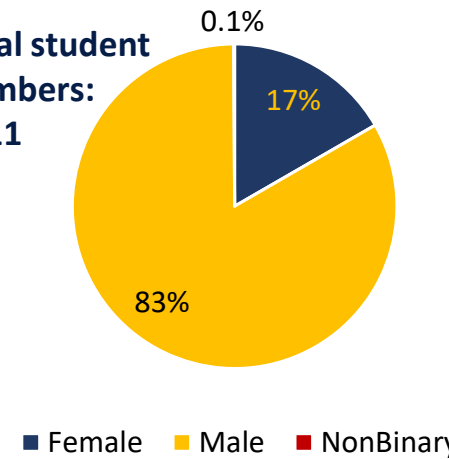
School of Computing and Information Sciences

Total student numbers:
826



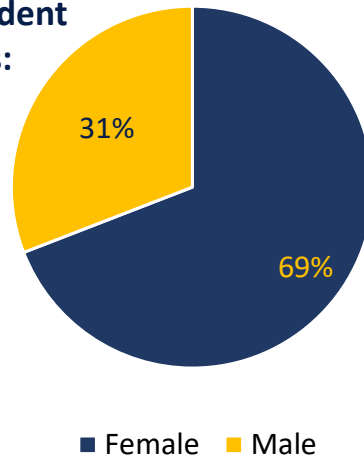
School of Engineering and the Built Environment

Total student numbers:
2111



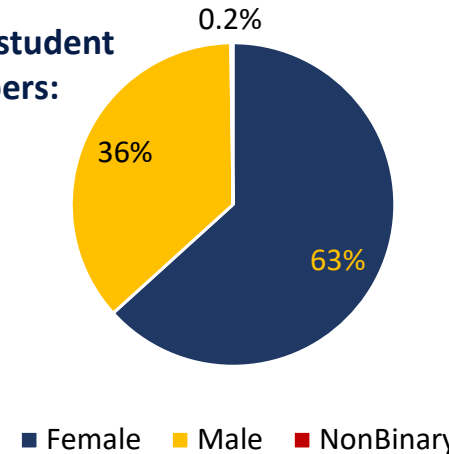
School of Life Sciences

Total student numbers:
1872



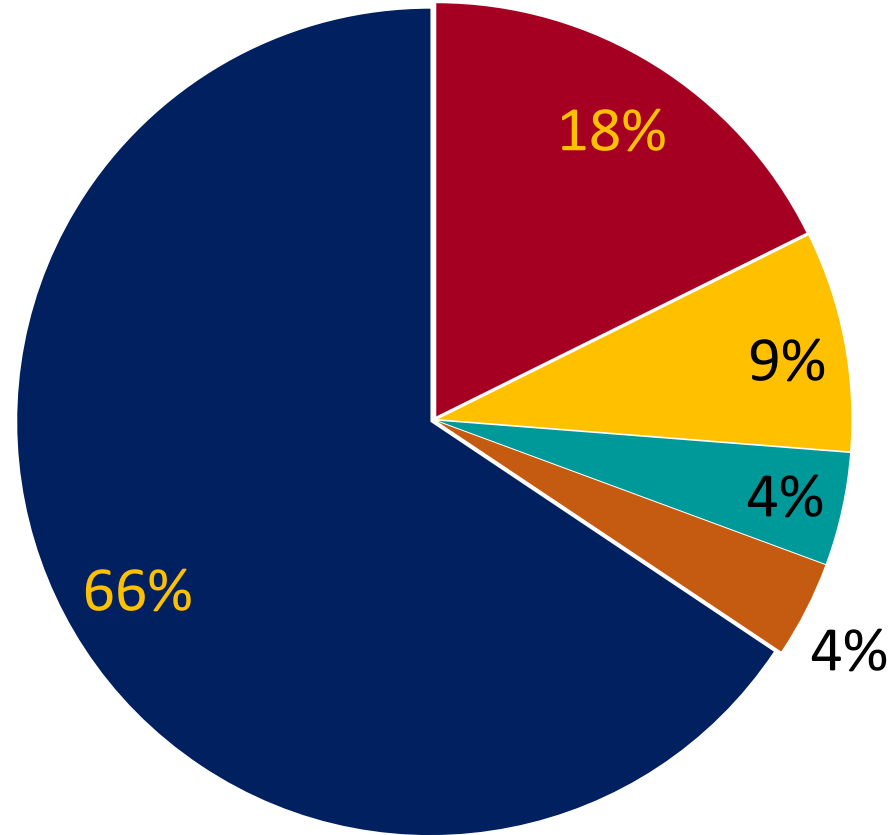
School of Psychology and Sport Science

Total student numbers:
2195



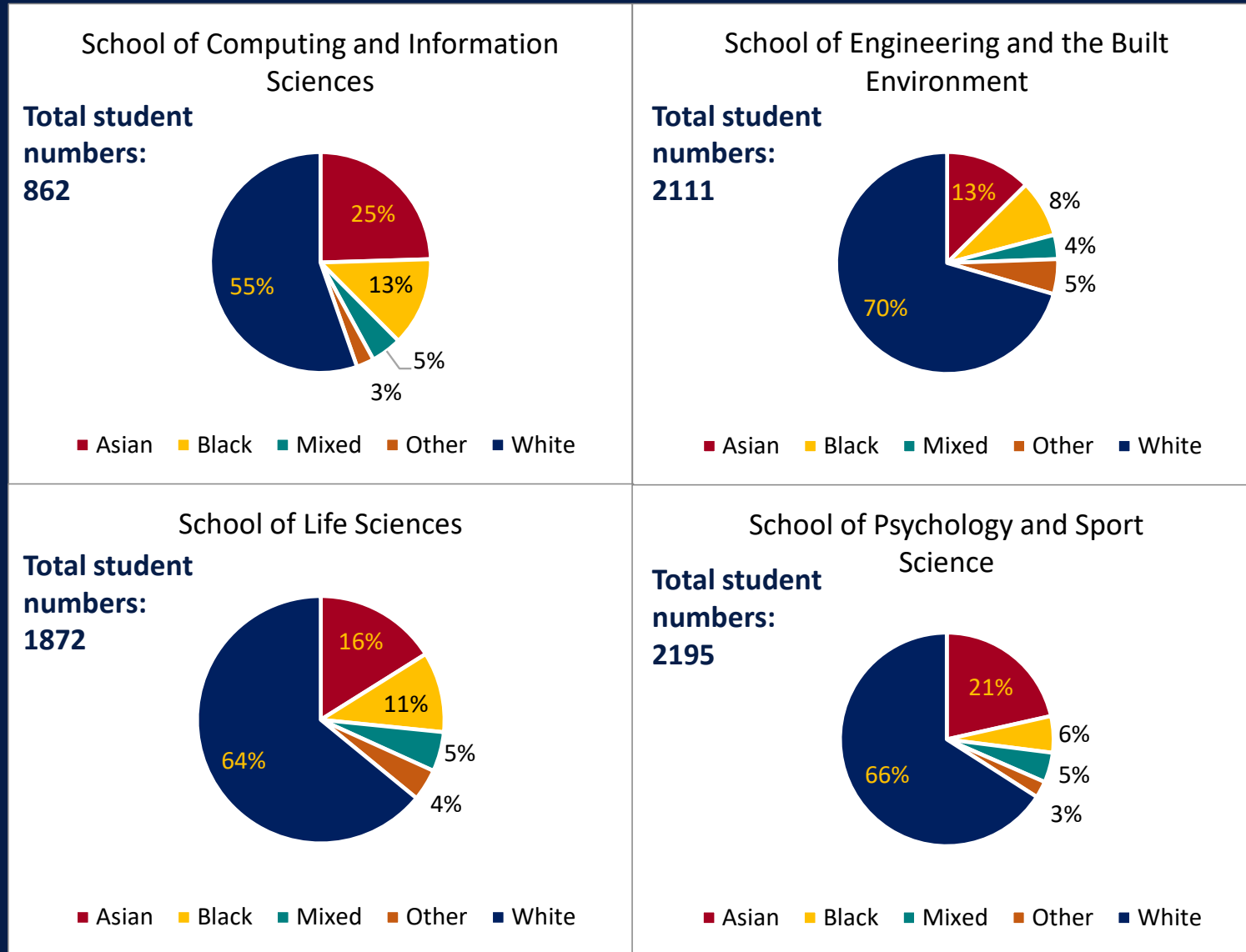
Students in data set: Ethnicity

Total student
numbers:
7004

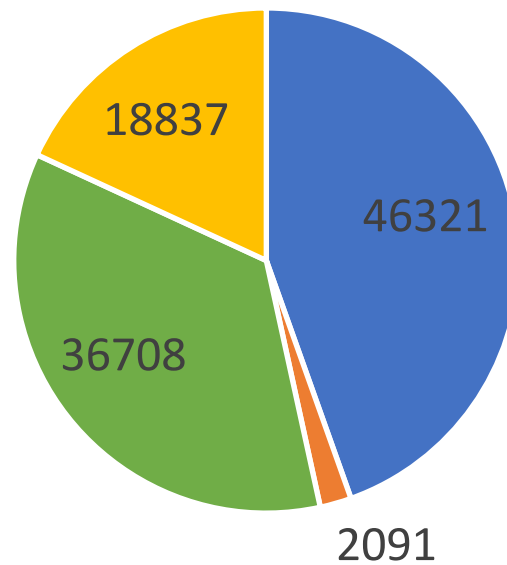


■ Asian ■ Black ■ Mixed ■ Other ■ White

Students in data set, Ethnicity by School

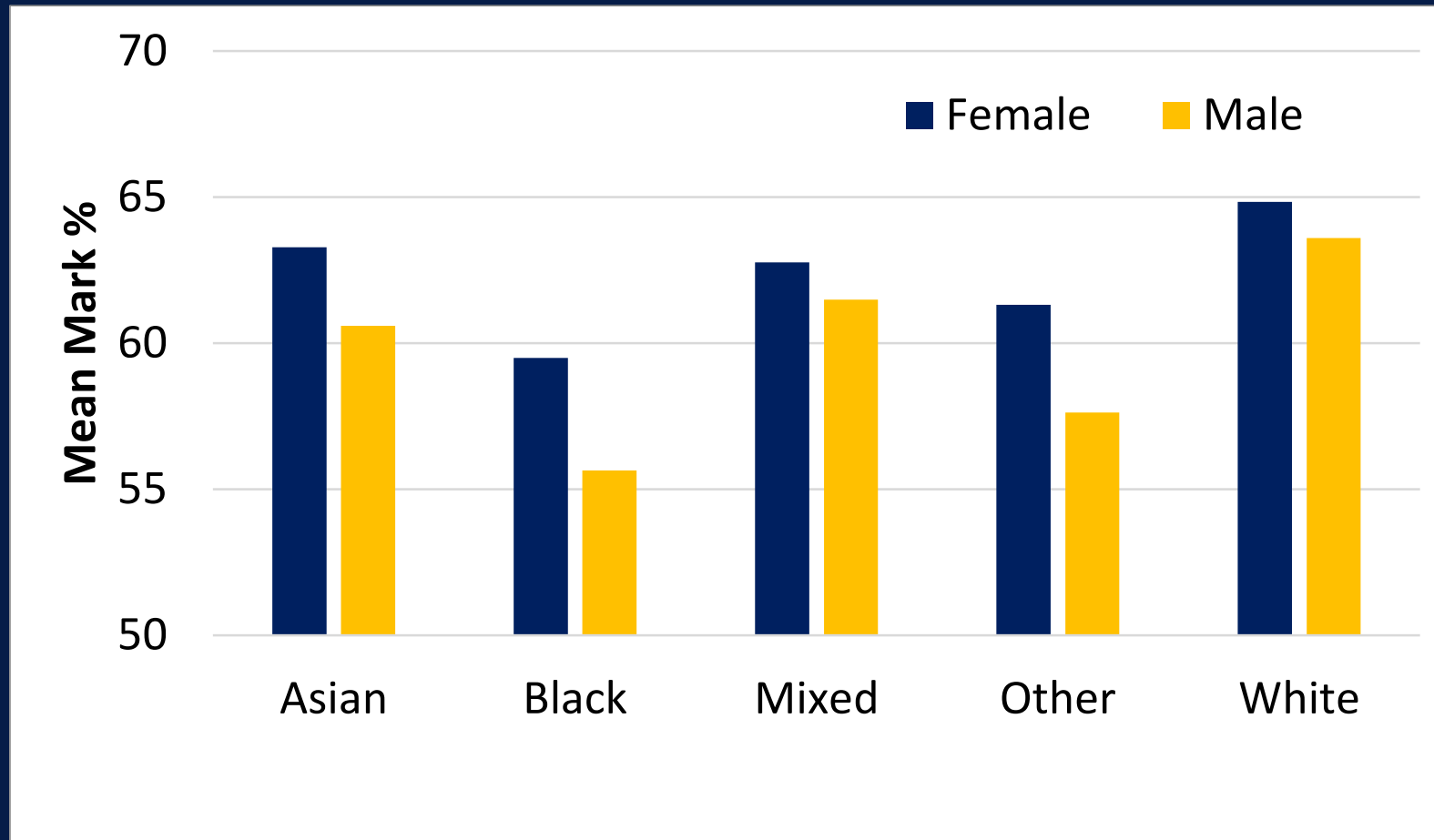


Assessment type numbers: FSE

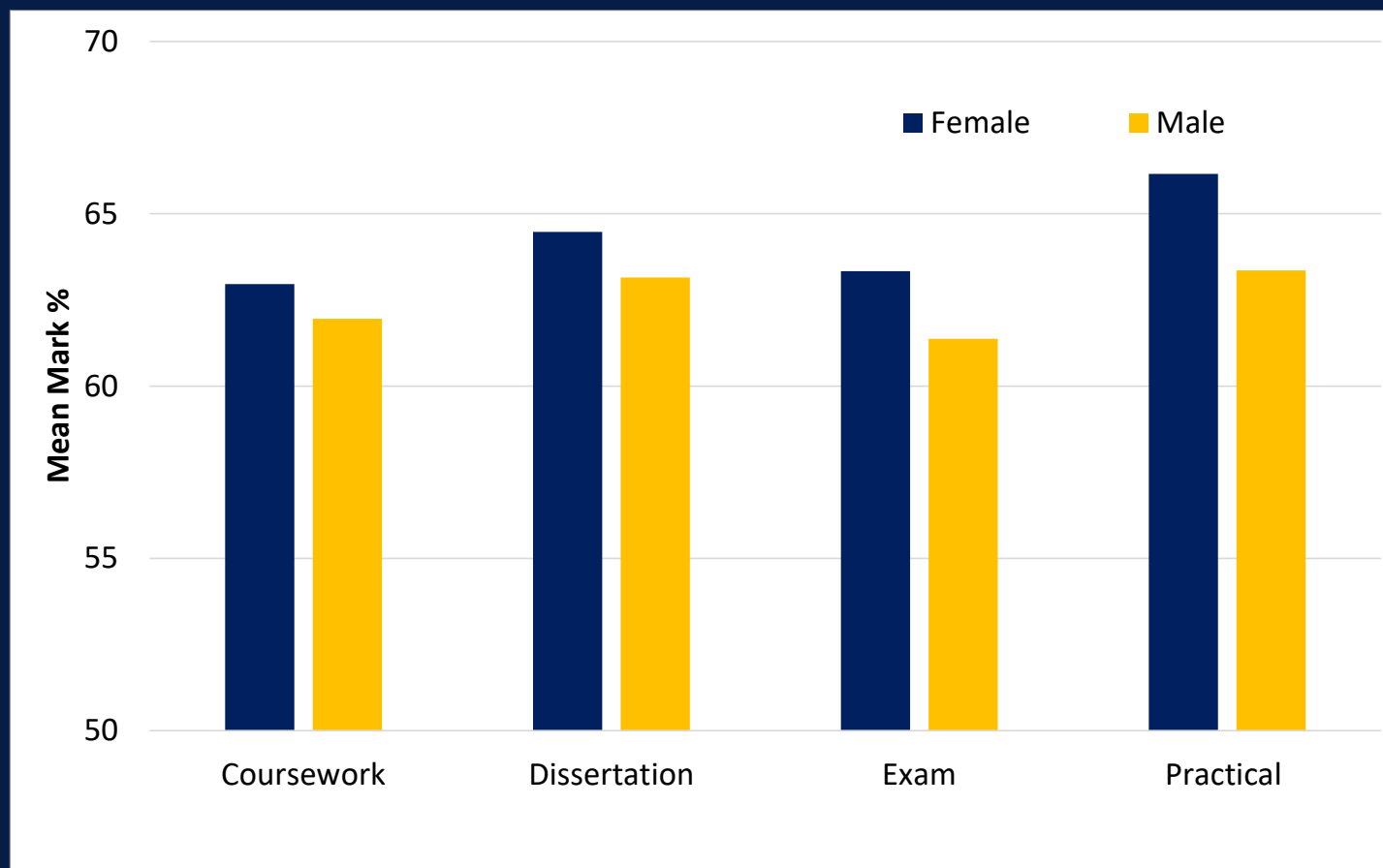


■ Coursework ■ Dissertation ■ Exam ■ Practical

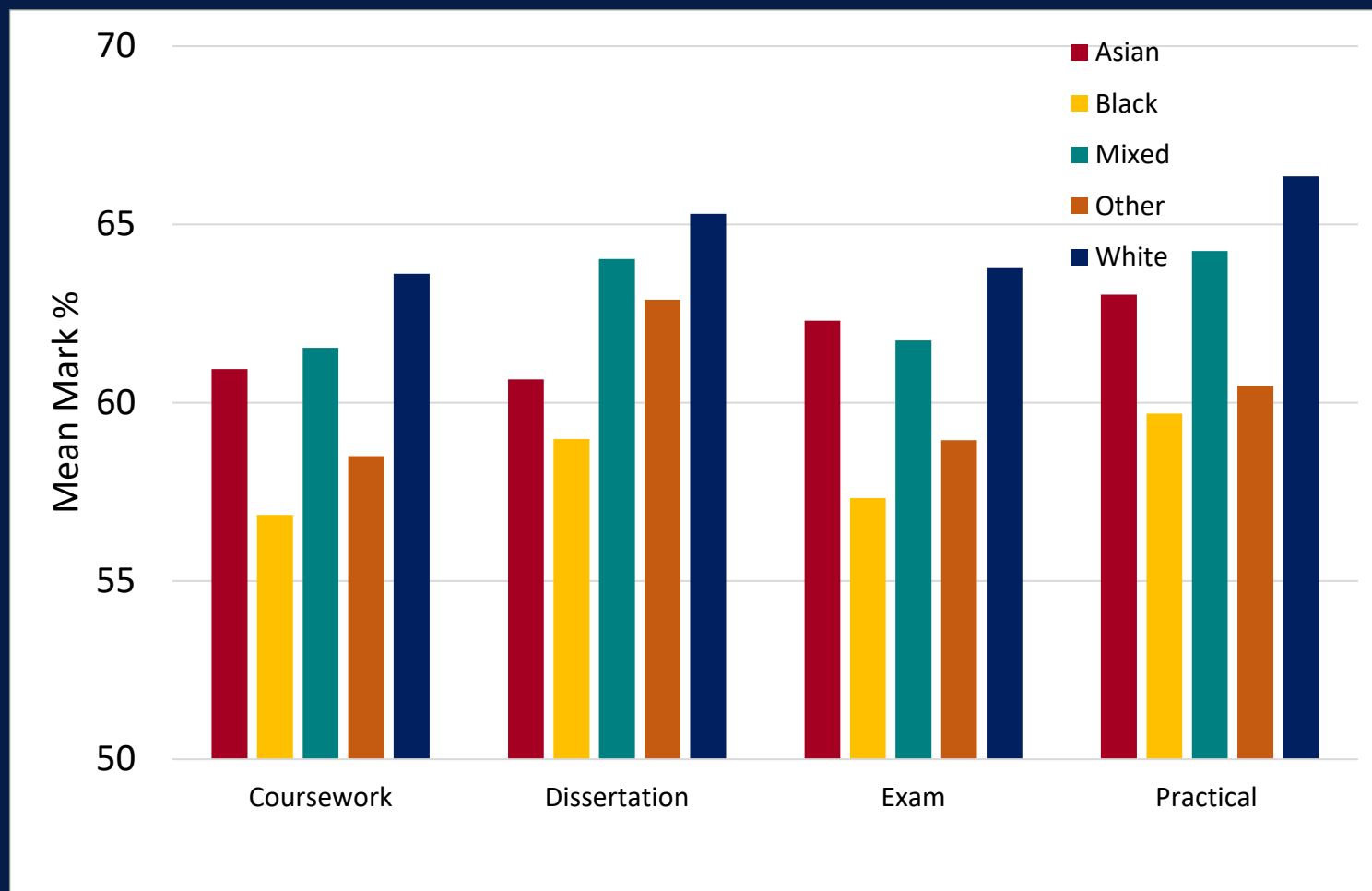
Mean mark for all assessments for FSE: Ethnicity and Gender



Mean mark by assessment type for FSE: Gender

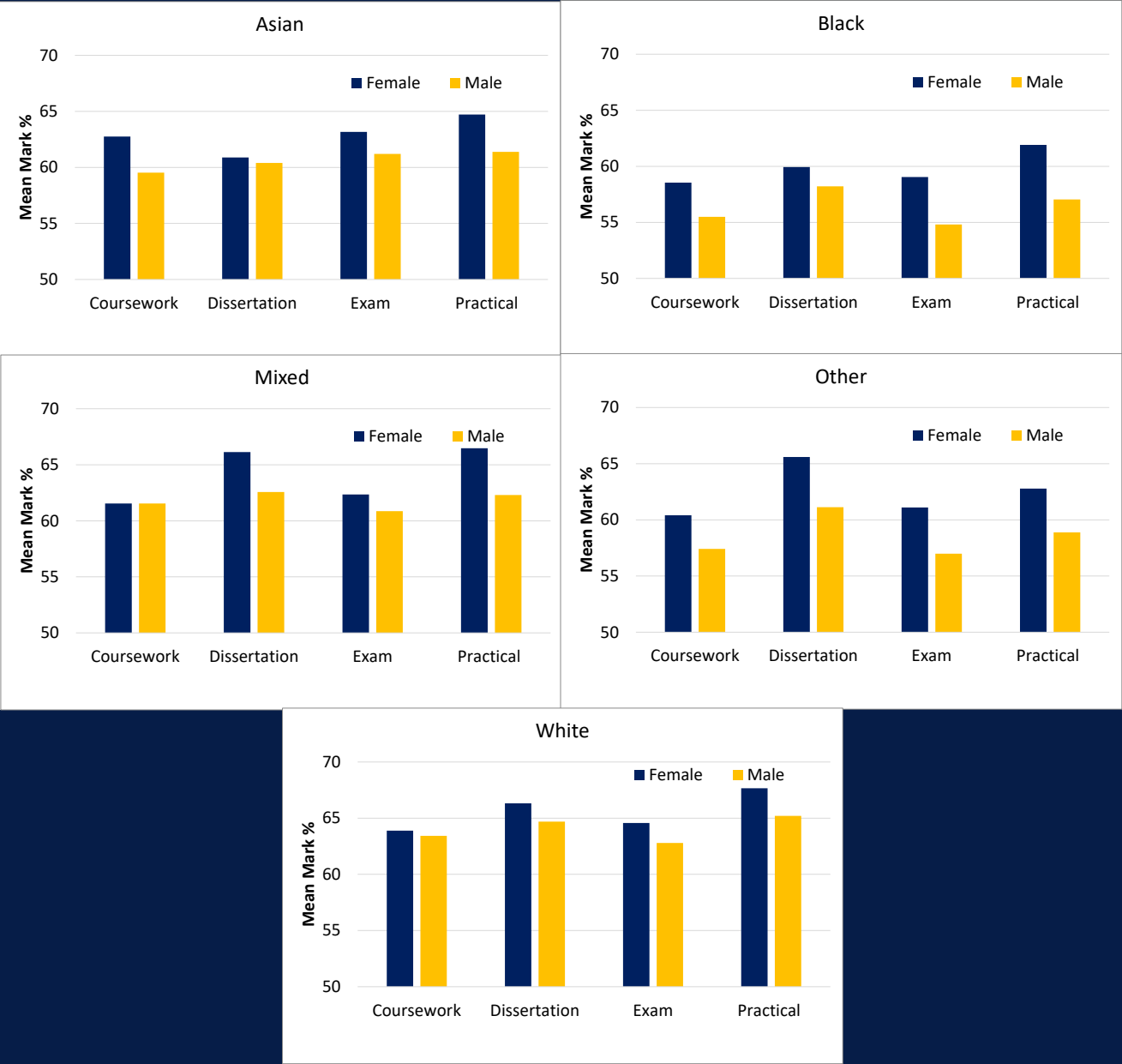


Mean mark by assessment type for FSE: Ethnicity

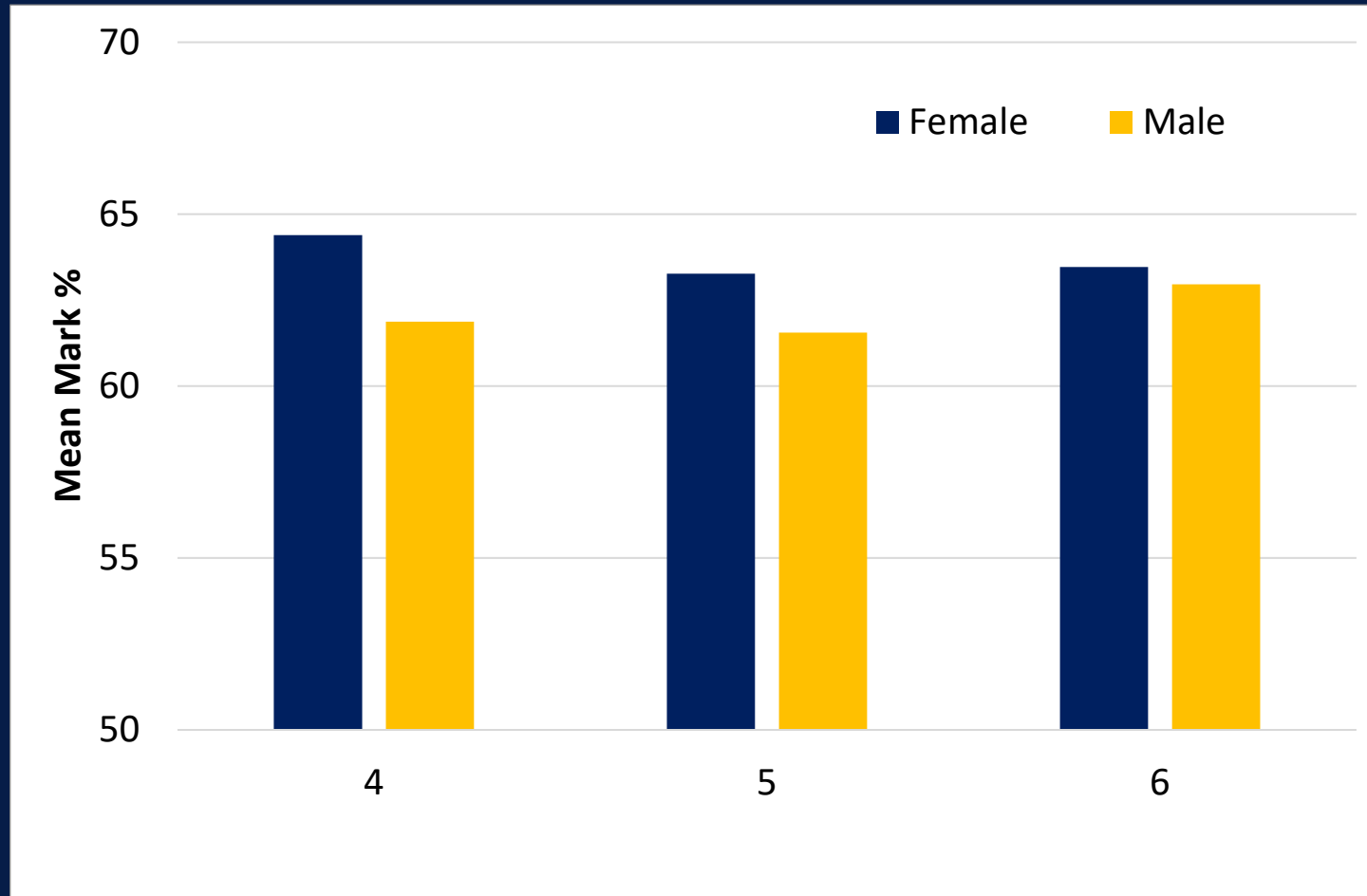




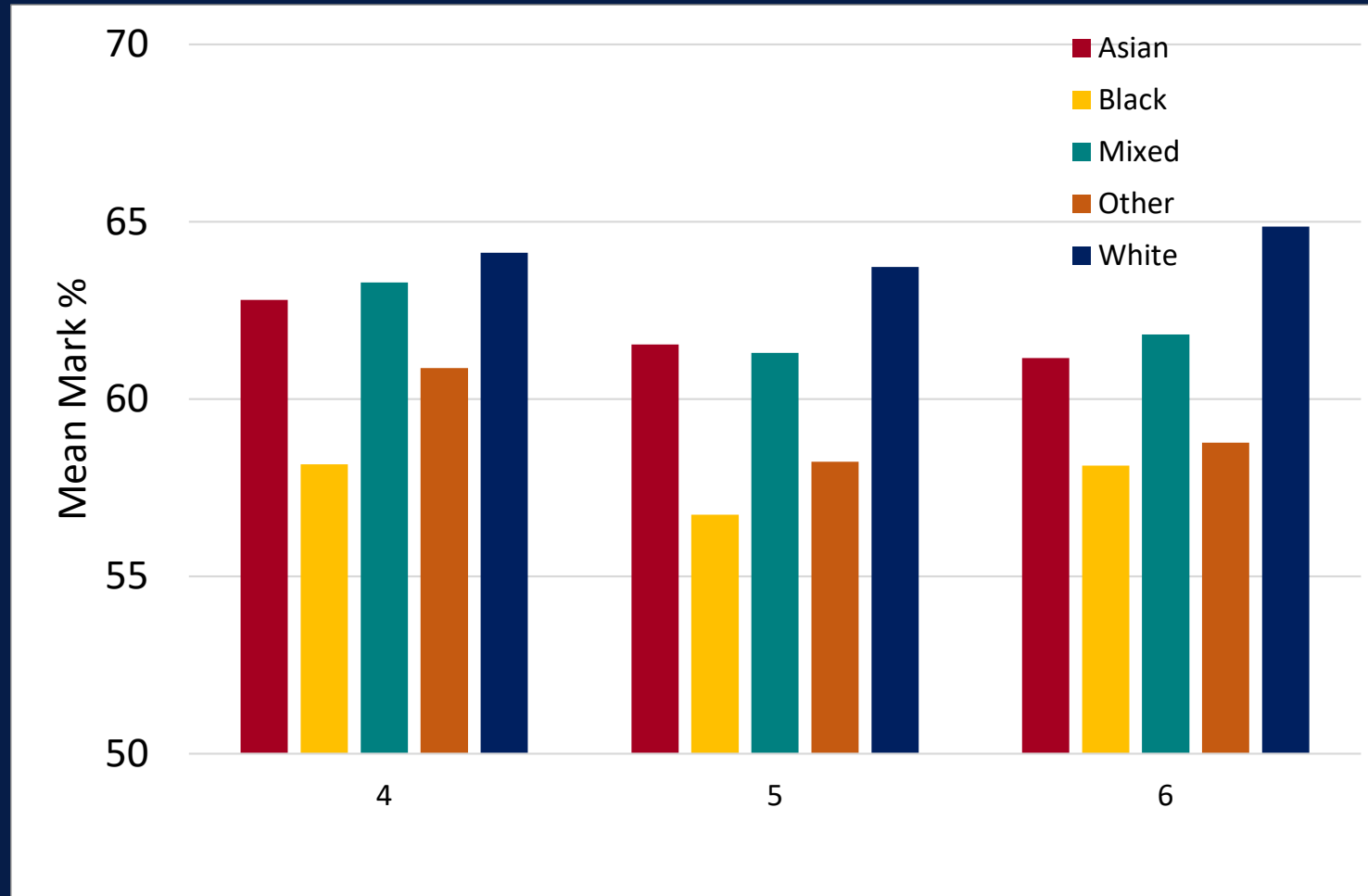
Mean mark by assessment type for FSE: Ethnicity & Gender



Mean mark by Level for FSE: Gender



Mean mark by Level for FSE: Ethnicity

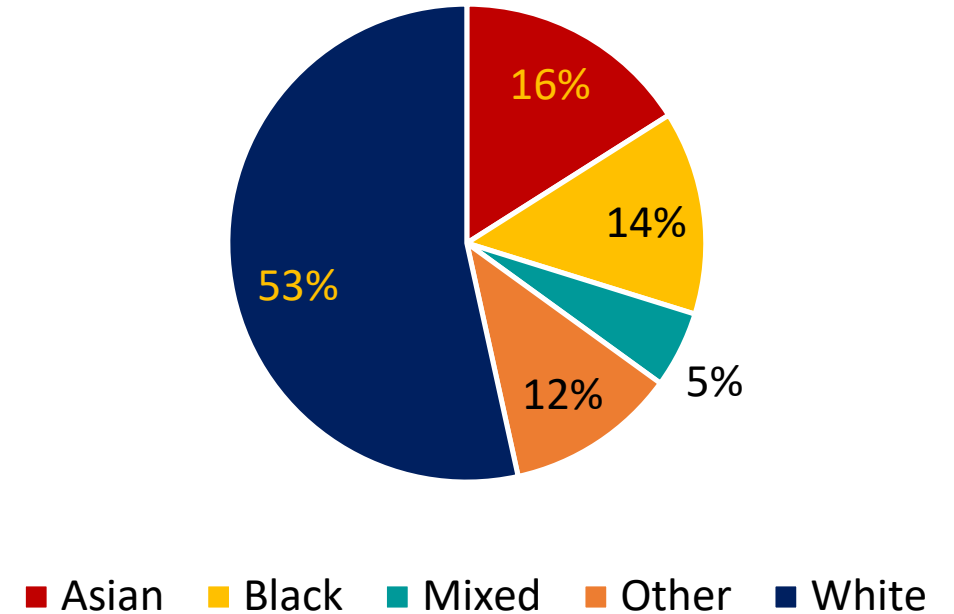
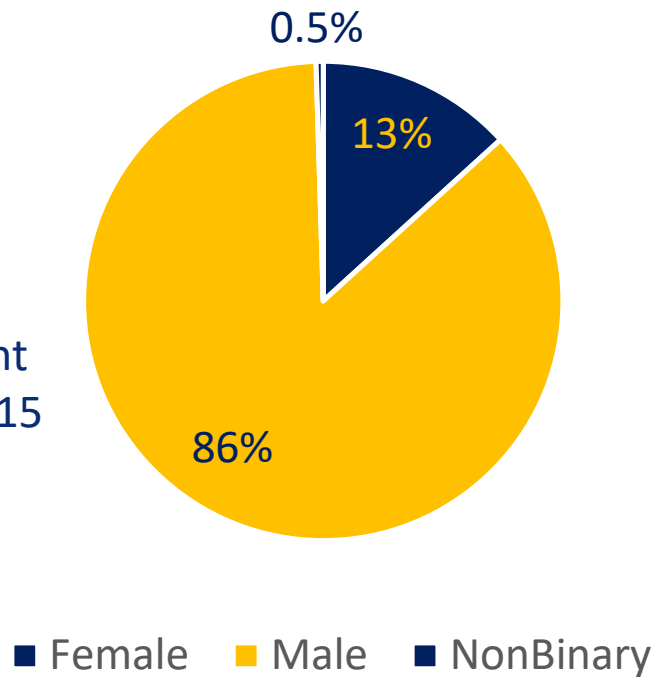


Conclusions

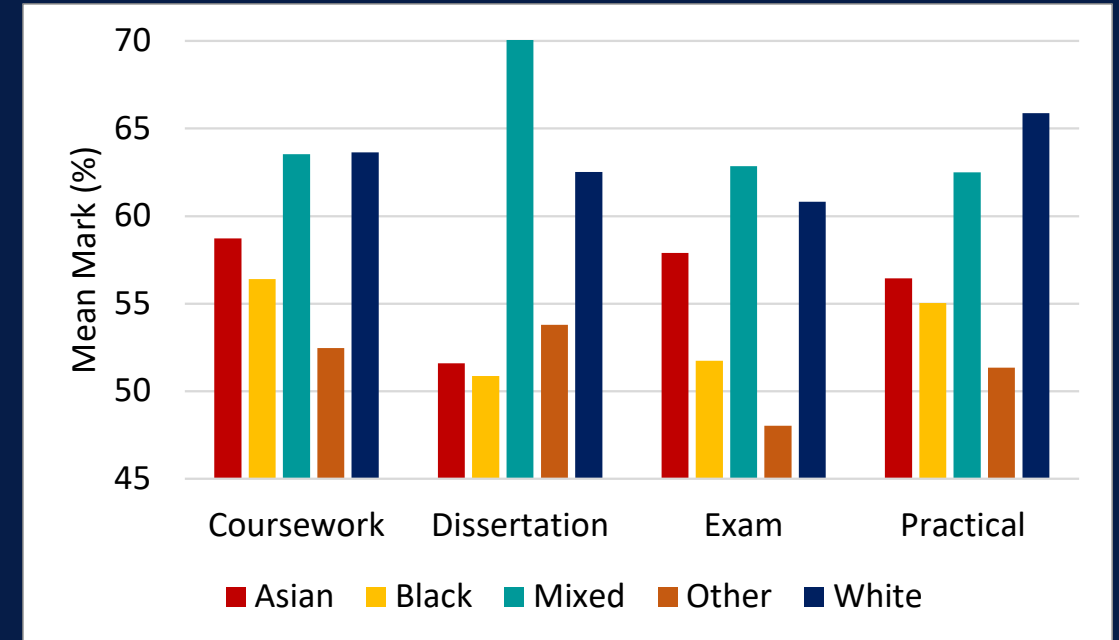
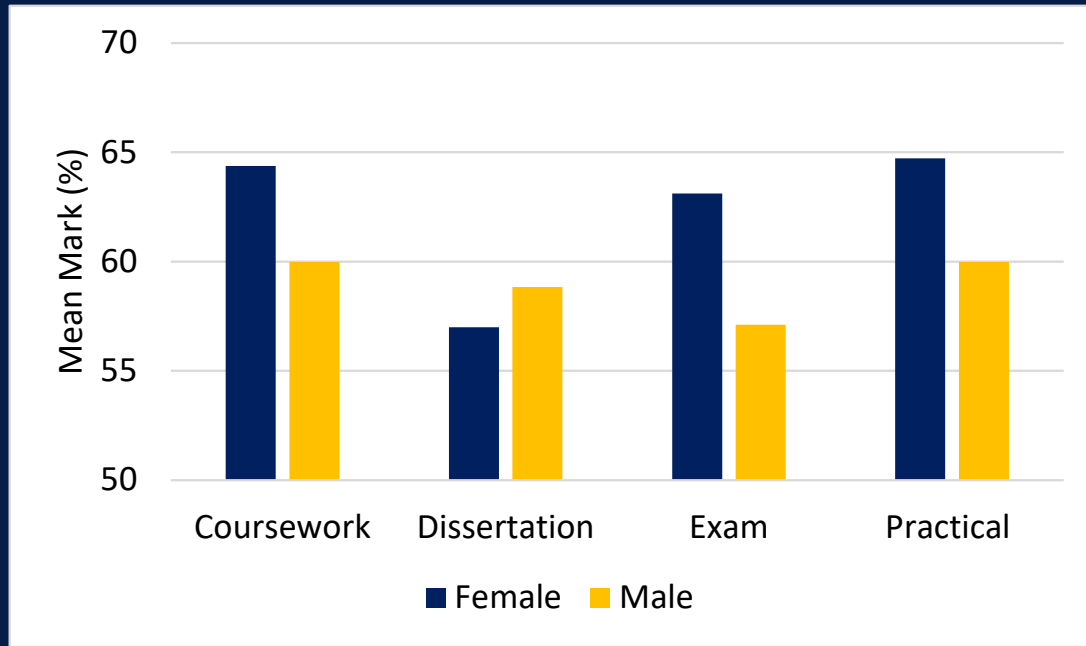
- Assessment type effects the grade students achieve but this is relatively independent of gender and ethnicity.
- Examination and coursework have very similar outcomes
- Women achieve higher marks than men across all assessment but this gap decreases as they progress through the course
- Black students (particularly men) achieve the lowest mean marks in all assessment categories across all levels

Civil Engineering Students in Data set

Total student
numbers: 415



Mean marks for Civil Engineering

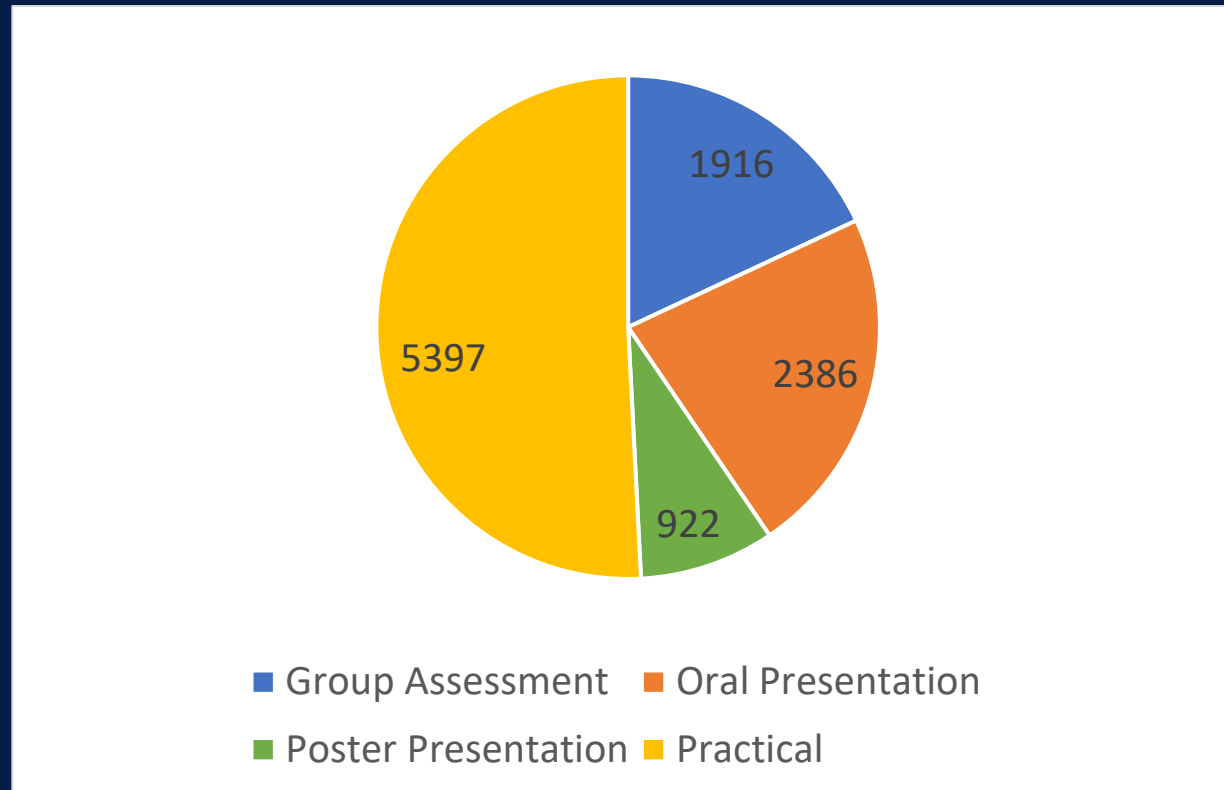




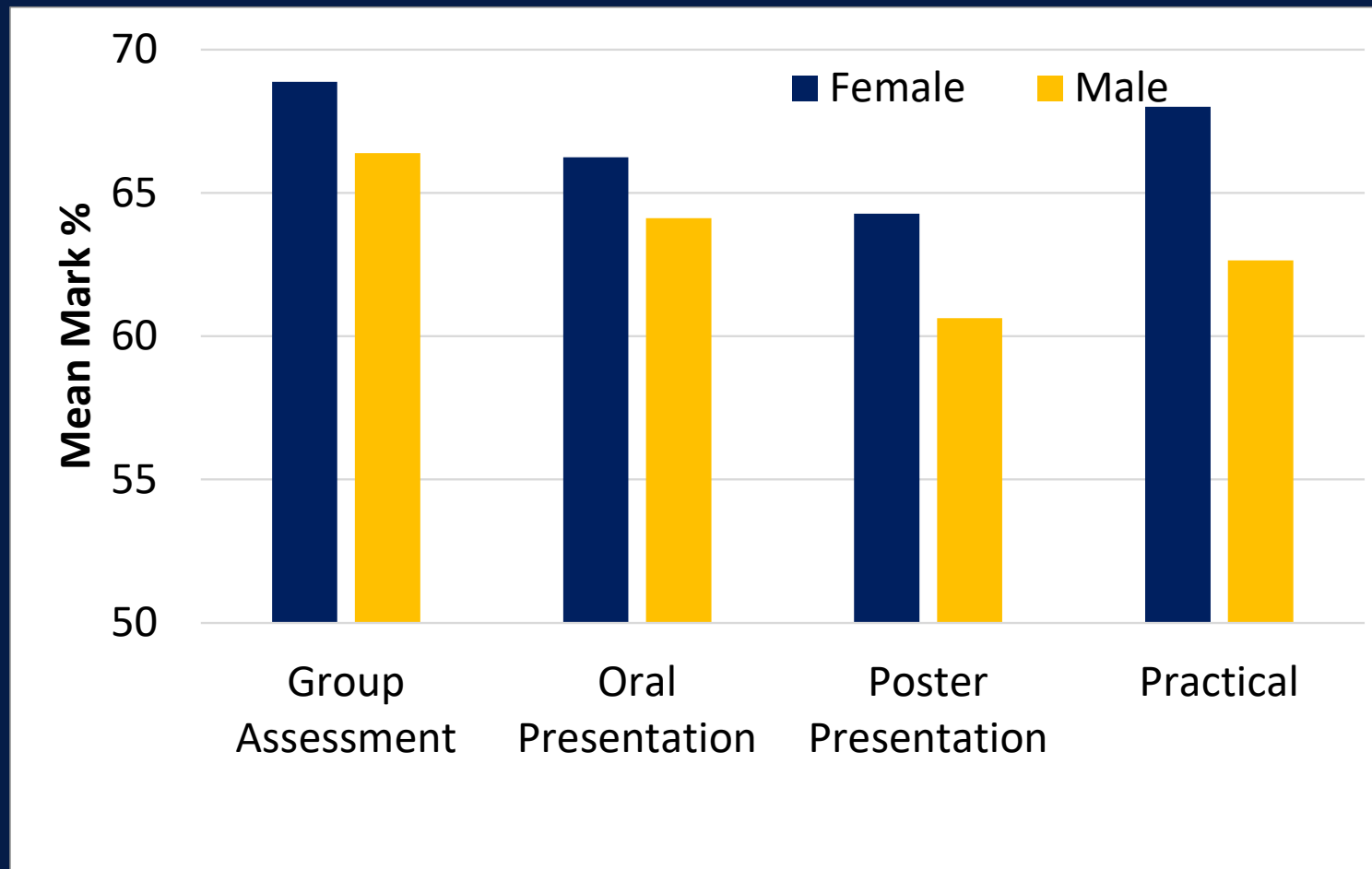
Welcome to
The Lab



Numbers of assessment according to practical type



Mean mark by practical type for FSE: Gender



Mean mark by practical type for FSE: Ethnicity

