

Background

- Preterm birth (PTB) is a leading cause of neonatal morbidity and mortality worldwide
- Increasing number of specialised PTB clinics in the UK but wide variation in practice with uncertain clinical impact

Aims

- To assess how effective the Preterm Birth clinic at Jessop Wing (Sheffield) is to reduce PTB and improve perinatal outcomes
- To produce recommendations for improvement

Methods



Review

Single-centre, retrospective review of all women seen in Preterm birth clinic from September 2017 to August 2018

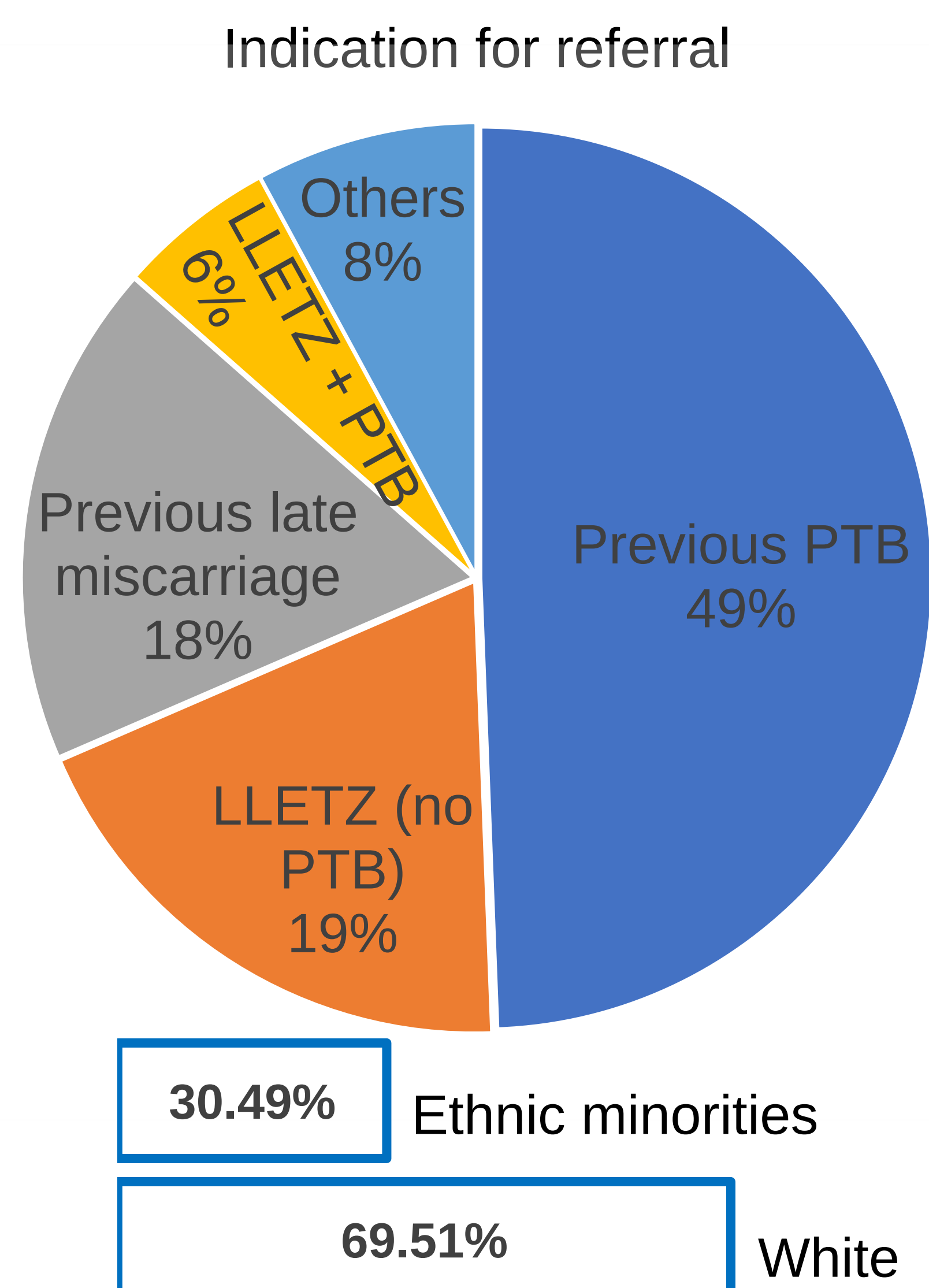
Data collection & analysis

Independently collected by 2 reviewers; analysed with Excel & SPSS
Indication for referral, demographic & clinical variables, perinatal outcomes

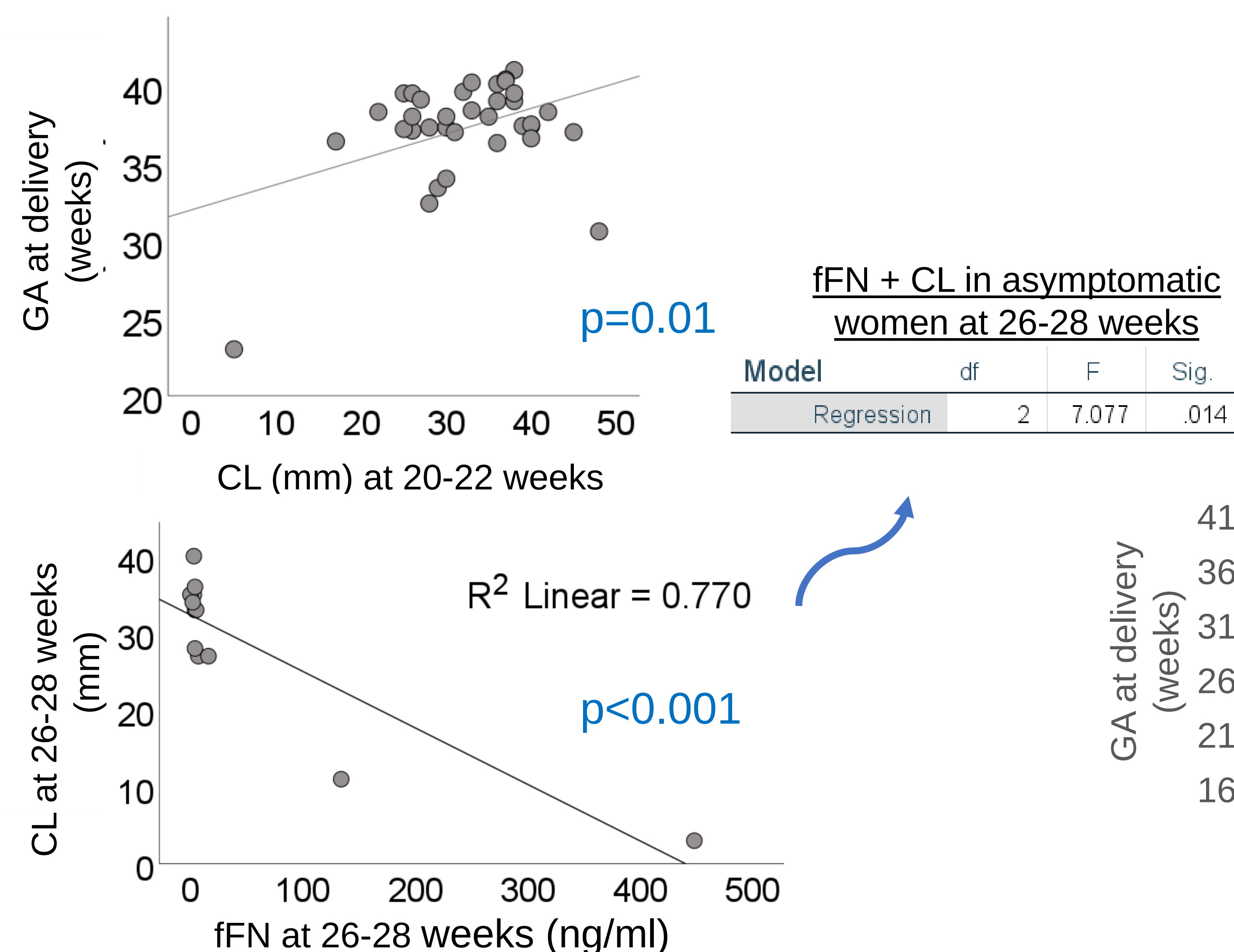
Results

Total cohort: 89 women (87 singleton, 2 multiple pregnancies)

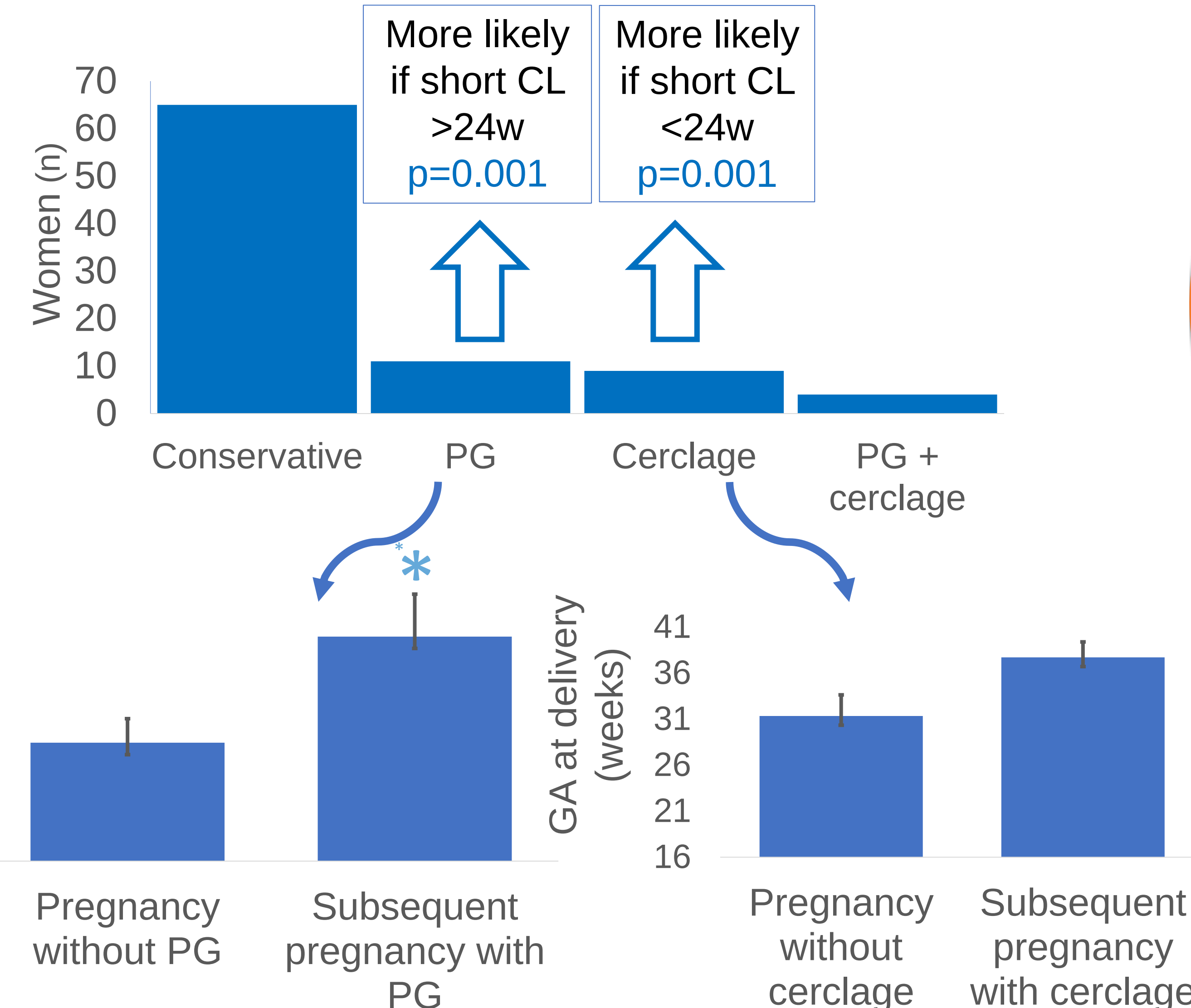
Risk assessment



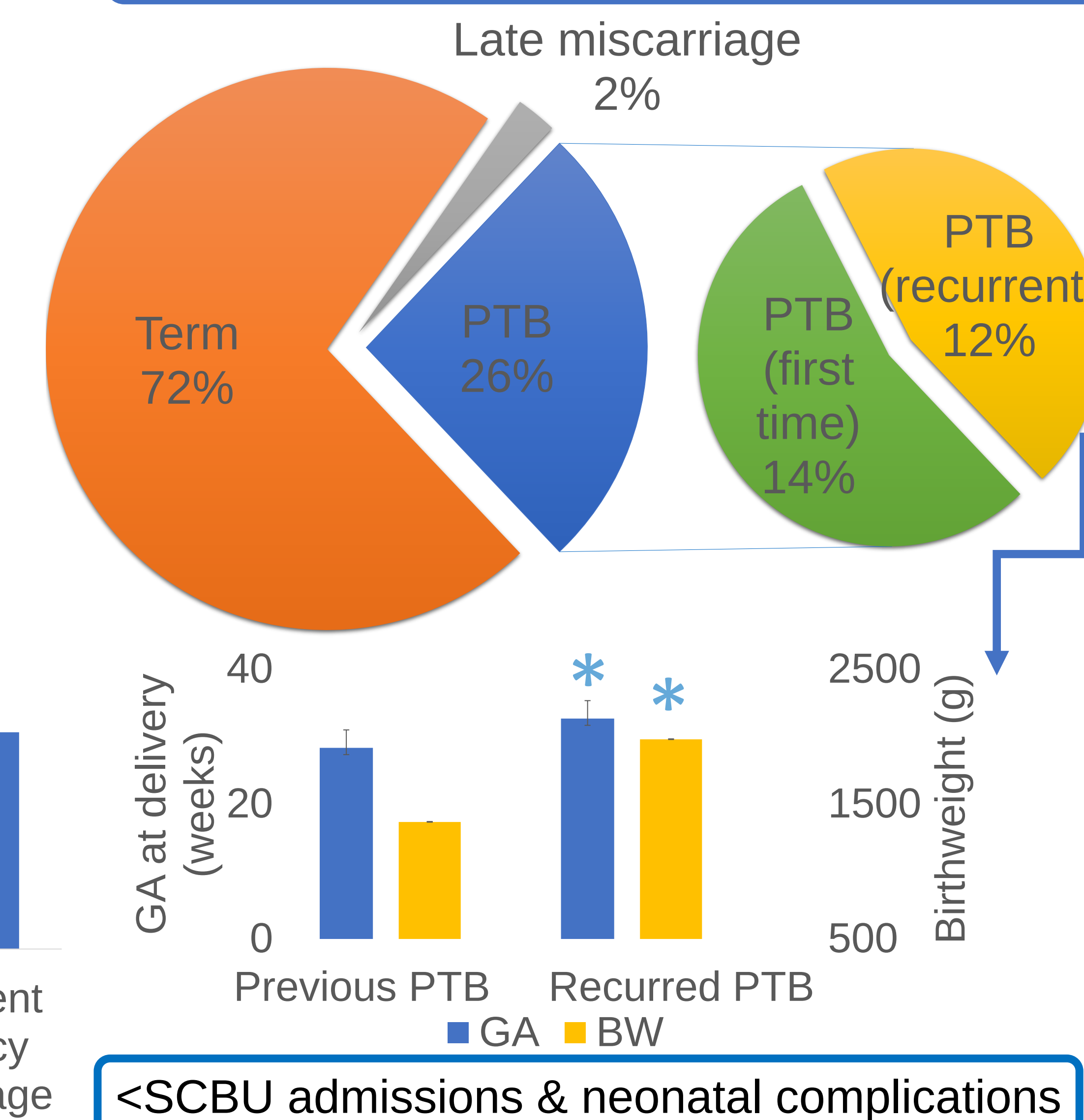
Surveillance



Intervention



Outcomes



Conclusions and future work

- We noticed a reduction in PTB rate and significant improvement of perinatal outcome with targeted interventions
- There is a need for standardised referral criteria, and evidence-based protocols for surveillance and intervention (Tommy's currently being trialled)
- Successful implementation of the service depends on acceptability → assessment of users' satisfaction to be carried out