

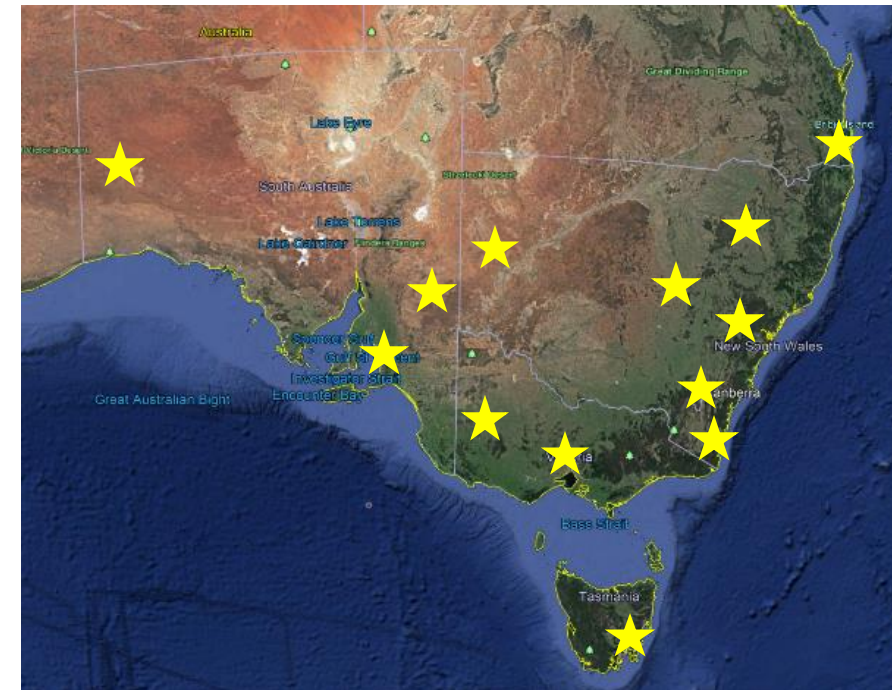
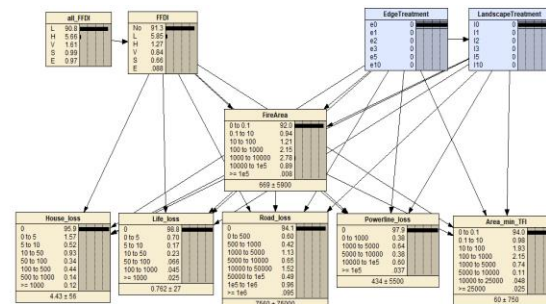
The Prescribed Fire Atlas

Quantification of inter-regional differences in risk mitigation from prescribed burning across multiple management values

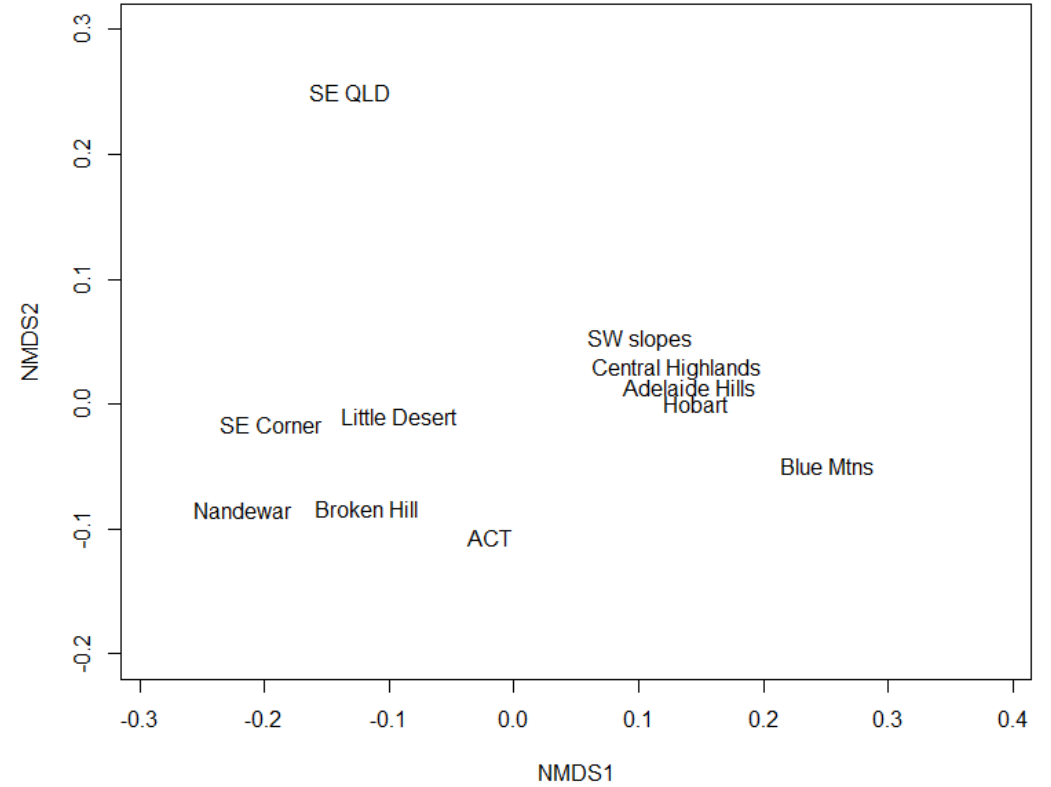
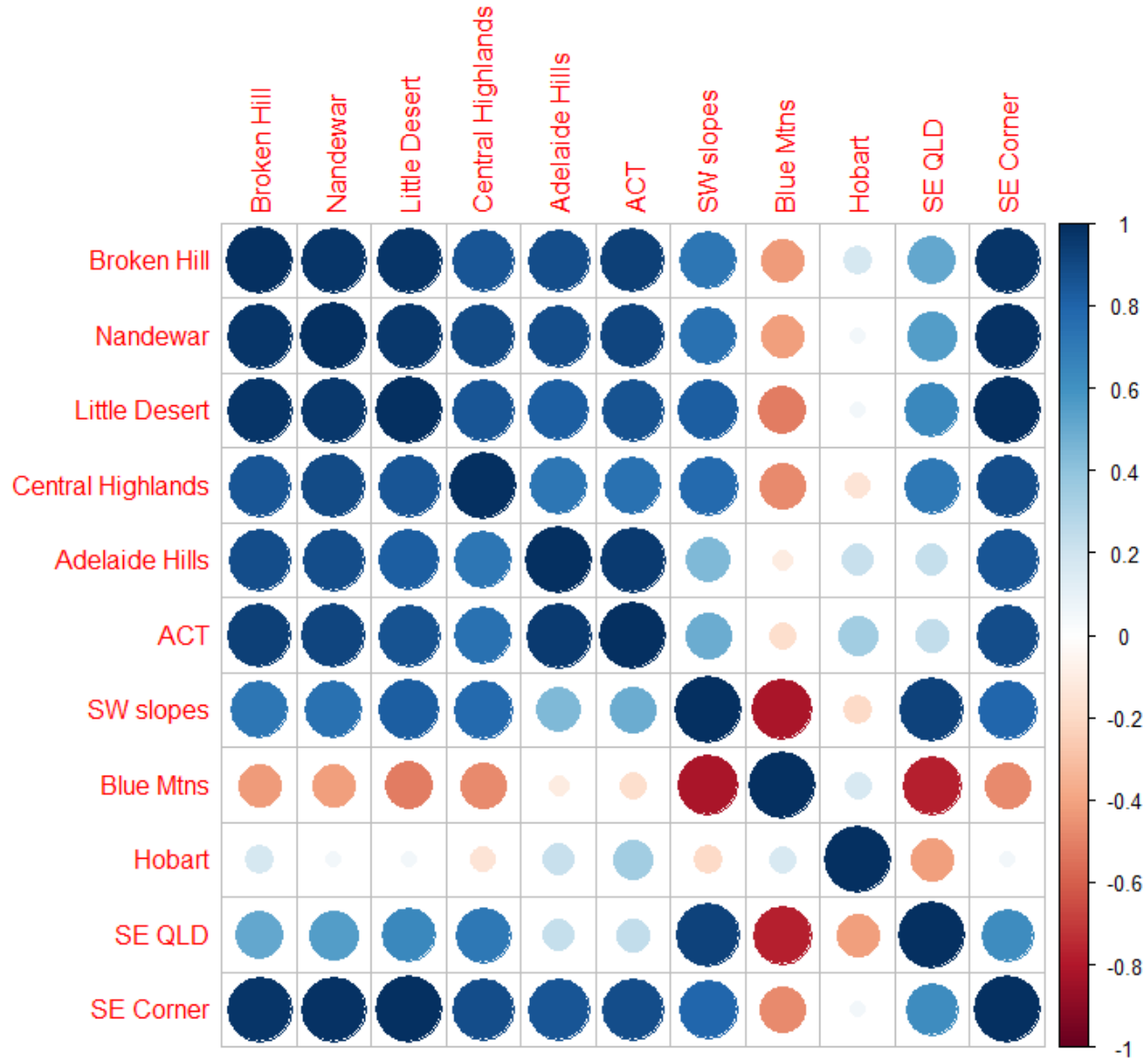
Ross Bradstock, Owen Price, Hamish Clarke / University of Wollongong. Trent Penman, Brett Cirulis / University of Melbourne. Matthias Boer / University of Western Sydney

Method

- 13 Case study regions
- Phoenix simulations (50-100,000 fires in each region)
 - Sample weather variability
 - Landscape PB treatment rates 0 – 10% per year
 - Edge PB treatment rates 0 – 10% per year
- Measured impacts on
 - House loss,
 - life loss,
 - road length loss
 - powerline length loss,
 - area burnt below tolerable fire interval
- Bayes Net to estimate risk in a standardised way and compare costs



Results



The Prescribed Fire Atlas

