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

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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
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