

Supplementary Material

Neighbourhood bushfire hazard, community risk perception and preparedness in peri-urban Hobart, Australia

Chloe H. Lucas^{A,B,*}, *Grant J. Williamson*^B and *David M. J. S. Bowman*^B

^ASchool of Geography, Planning, and Spatial Sciences, University of Tasmania, Private Bag 78, Sandy Bay, Tas. 7001, Australia

^BSchool of Natural Sciences, University of Tasmania, Private Bag 55, Sandy Bay, Tas. 7001, Australia

*Correspondence to: Email: chloe.lucas@utas.edu.au

Supplementary materials for Neighbourhood bushfire hazard, community risk perception and preparedness in peri-urban Hobart, Australia

1. Supplementary Table: Comparison of Census age data for targeted suburbs
2. Questionnaire
3. Descriptive statistics for survey variables described in Table 1.
4. Supp Figure 6a) Timber Deck/Walls by suburb b) Percentage of reported preparedness activities done in the last year/not done and not planned.
5. Linear mixed effects model table for Figure 4d, with participant ID as random effect, showing perceived risk to own house from fuel sources on own property, neighbours' property, and nearby bushland, by suburb.

1. Supplementary Table: Comparison of Census age data for targeted suburbs (Australian Bureau of Statistics, 2016) with sample age data. NB Census data includes all residents in the target suburbs, not only those living in the sample area (ie. within one block of bushland)

Ages	Percentage population	Percentage sample
15-24 (18-24)*	16.5	(1.5)
25-34	18.3	7.2
35-44	15.1	15.9
45-54	15.9	19.6
55-64	15.1	23.8
65-74	11.6	24.1
75+	7.6	7.9

Bushfire Readiness and Risk Reduction in Hobart Study

About the survey

This survey is part of a University of Tasmania study into community understandings of bushfire preparation and risk reduction in Hobart. It is open to people living in bushfire prone areas of Hobart, who are 18 or over. Survey results will inform research and policy.

Answering the questions should take 15-20 minutes.

Your involvement is voluntary. By participating using this form, we will know your address. This is so that we can understand the specific bushfire risks of your neighbourhood. Once you have indicated your consent and submitted the survey, it will not be possible to withdraw any information you have provided. All your information will be treated confidentially and you will not be identifiable in any reporting of the survey.

What will happen to the information when this study is over? Your address and any other identifiers will be deleted from the data, so it is completely anonymous. After this has been done, the anonymised data will be archived for possible use in future studies.

How will the results of the study be published? The results will be published in peer-reviewed papers, and presentations to the City of Hobart. A summary will be available on the firecentre.org.au website.

If you have any questions about the study, contact Dr Chloe Lucas (chloe.lucas@utas.edu.au, Tel.03 6226 6481)

This study has been approved by the Tasmanian Social Sciences Human Research Ethics Committee. If you have concerns or complaints about the conduct of this study, please contact the Executive Officer of the HREC (Tasmania) Network on +61 3 6226 6254 or email human.ethics@utas.edu.au. The Executive Officer is the person nominated to receive complaints from research participants. Please quote ethics reference number H74779.

I acknowledge this information and agree to participate in the survey.

Bushfire Readiness and Risk Reduction in Hobart Study

About you

* 1. What is your age?

- 18-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65-74
- 75+

2. What is your gender?

- Female
- Male
- Prefer not to say

* 3. How many adults live in your household?

- 1
- 2
- 3
- 4
- More than 4

* 4. How many children (under 18) live in your household?

- 0
- 1
- 2
- 3
- 4
- More than 4

5. Financially speaking, how would you describe your household? (tick one one only)

- Well off
- Comfortable
- Struggling
- Unable to make ends meet
- Prefer not to say

* 6. How long have you lived in your current home?

- Less than 1 year
- 1-2 years
- 3-5 years
- 6-10 years
- More than 10 years

Are you a full-time or part-time resident?

- Full-time
- Part-time

* 7. Do you rent or own your home?

- Rent
- Own
- Other (please specify)

8. Which of the following categories best describes your employment status? (tick one one only)

- Employed, working full-time
- Employed, working part-time
- Student
- Not employed
- Full-time parent/carer
- Retired
- Disabled, not able to work
- Other (please specify)

What language do you speak at home?

9. What is the highest level of education you have completed?

- High school (Grade 10)
- College (Grade 12)
- TAFE or other vocational qualification
- University Bachelors Degree
- University Postgraduate degree
- Other (please specify)

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About your home

Please note: there is a place for general comments at the end of the survey, if you would like to provide further context to any of your answers.

The following questions are about the Main Building of your home.

10. What are the exterior walls of your home made of? (tick all that apply)

- Brick
- Wood
- Corrugated steel
- BAL rated composite cladding
- Other (please specify)

11. What is the roof of your home made of? (tick all that apply)

- Tiles
- Corrugated steel
- Other (please specify)

12. Are the roof gutters open, or protected? (tick one one only)

- Open
- covered with gutter guard or similar protection from embers
- Other (please specify)

13. Does your home have a deck or verandah? (tick one one only)

- | | |
|---|---|
| <input type="radio"/> No deck or verandah | <input type="radio"/> <u>BAL</u> rated composite deck or verandah |
| <input type="radio"/> Wooden deck or verandah | <input type="radio"/> Other deck or verandah |
| <input type="radio"/> Concrete deck or verandah | |

14. What type of building is your home? (tick one one only)

- Detached (stand-alone) house
- Apartment/unit/villa with your own outdoor space
- Apartment/unit/villa with no independent outdoor space
- Vacant lot
- Other (please specify)

15. How much land is part of your (owned or rented) property?

- Small lot (up to 300m²)
- Medium lot (300-800m²)
- Large lot (more than 800m²)
- Other (please specify)

16. Do you have access to a vehicle that you can use to leave your home?

- Yes, all of the time
- Yes, some of the time
- No, not at all
- Other (please specify)

17. If a bushfire occurs in your area, do you, or anyone in your household, plan to stay and defend your property?

- Yes, in all circumstances
- No
- Yes, in some circumstances - if so, what is your/their trigger to leave

18. Do you have home insurance that covers your house in case of bushfire?

- Yes
- No
- Don't know

19. Do you have contents insurance that covers the contents of your home in case of bushfire?

- Yes
- No
- Don't know

20. If a bushfire strikes your neighbourhood, how confident are you that insurance will cover your house and contents replacement costs? Please answer between 0% confidence and 100% confidence

I am _____ % confident that my insurance will cover my house and contents replacement costs.

Bushfire Readiness and Risk Reduction in Hobart Study

Bushfire in your area

Please note: there is a place for general comments at the end of the survey, if you would like to provide further context to any of your answers.

21. How likely is a bushfire directly affecting your neighbourhood within the next 12 months? Please answer between 0% likelihood and 100% likelihood.

22. How likely is a bushfire directly affecting your neighbourhood within the next 5 years? Please answer between 0% likelihood and 100% likelihood.

23. How likely is a bushfire directly affecting your neighbourhood within the next 10 years? Please answer between 0% likelihood and 100% likelihood.

* 24. How concerned are you about the risk of a bushfire affecting your home? (tick one only)

Not at all concerned A little concerned Fairly concerned Very concerned Extremely concerned

25. In your opinion, how much does each of the following factors contribute to the risk of a bushfire damaging your property in the next 5 years? (tick one for each row)

Not a risk Low risk Medium risk High risk Don't know

Trees or shrubs on your property

Leaves, bark, long grass, wood piles or other fuels on your property

Characteristics of your house (eg roof or wall cladding, gaps for embers)

Human activity (e.g., accidental ignition, campfires, etc.)

Weather-related natural starts (e.g. lightning)

26. In your opinion, how much does each of the following factors contribute to the risk of a bushfire damaging your property in the next 5 years? (tick one for each row)

	Not a risk	Low risk	Medium risk	High risk	Don't know
Characteristics of neighbouring buildings (eg roof or wall cladding, gaps for embers)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trees or shrubs on neighbouring property	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leaves, bark, long grass, wood piles or other fuels on neighbouring property	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trees or shrubs on nearby bushland	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leaves, bark, long grass, wood piles or other fuels on nearby bushland	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

27. If a bushfire reaches your property, how likely do you think it is that firefighters will defend it? Please answer between 0% likelihood and 100% likelihood.

28. If a bushfire reaches your property, how likely do you think it is that your home will survive without being actively defended? Please answer between 0% likelihood and 100% likelihood.

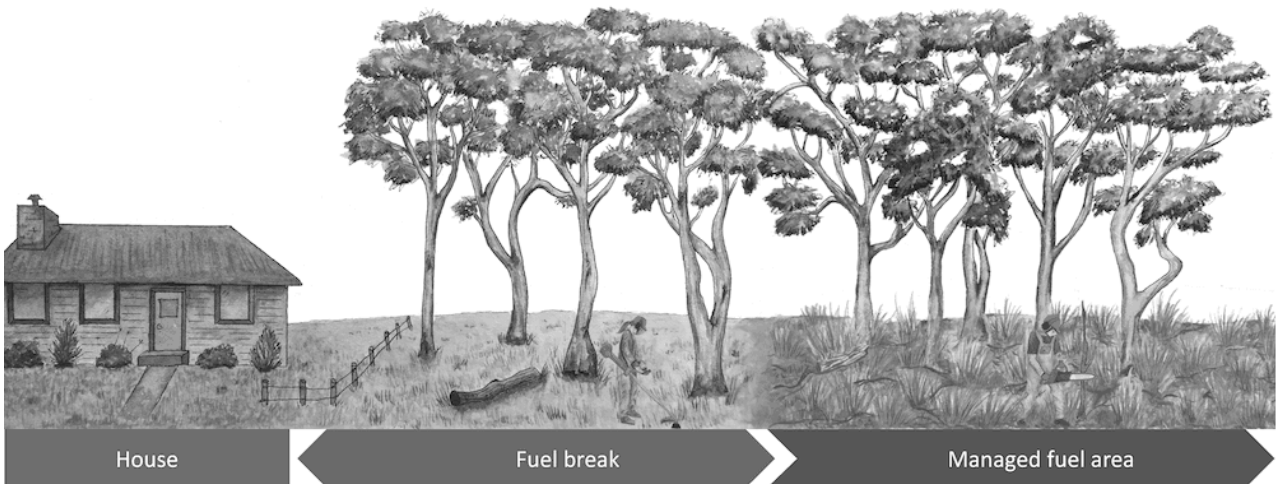
29. How much do you agree with the following statements about the area you live in? (tick one for each row)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
This place is part of my identity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This community is important to me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This landscape is important to me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I value this landscape because of its beauty	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I value this landscape because of its nature and wildlife	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I value this landscape because it supports my activities and way of life	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Bushfire Readiness and Risk Reduction in Hobart Study

Managing bushfire risk

Please note: there is a place for general comments at the end of the survey, if you would like to provide further context to any of your answers.



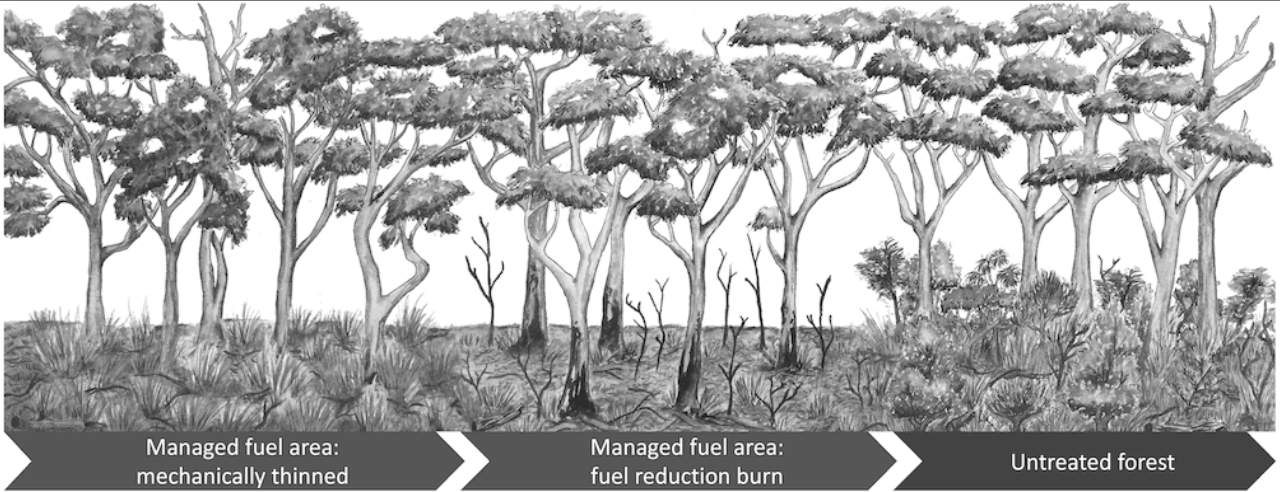
Fuel breaks are strips of cleared or semi-cleared land between bushland and homes. They are designed to lessen the impact of fire coming out of bushland by substantially reducing fuels for fire, such as tall grasses, shrubs and small trees. Large trees and logs may be left as these provide protection from radiant heat and ember attack. Fuel breaks can start within residents' private property, and extend beyond the property boundary to the edge of bushland.

30. How much do you agree with the following statements? (tick one for each row)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Creating fuel breaks is effective to reduce fire risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creating fuel breaks is acceptable in conservation areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creating fuel breaks is acceptable close to my home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Residents should be able to manage vegetation on their property as they like	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* 31. How much do you agree with the following statements? (tick one for each row)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Bushland vegetation management should focus on reducing bushfire risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biodiversity conservation should not take priority over bushfire risk mitigation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current attention to bushfire risk is excessive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Managed fuel areas are bushland in which fuel has been reduced to lessen the impacts of a bushfire. Fuels are reduced either by fuel reduction **burning**, in which controlled fires are lit outside the bushfire season to reduce small fuels such as leaves and bark, or **mechanical thinning**, in which power tools such as chainsaws and brushcutters are used to remove shrubs and small trees.

32. How much do you agree with the following statements? (tick one for each row)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Managed fuel areas are effective to reduce fire risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Managed fuel areas are acceptable in conservation areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Managed fuel areas are acceptable close to my home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using fuel reduction burning is effective to reduce fire risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fuel reduction burning is acceptable in conservation areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fuel reduction burning is acceptable close to my home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

33. How much do you agree with the following statements? (tick one for each row)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Using mechanical thinning is effective to reduce fire risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mechanical thinning on foot, using power tools, is acceptable in conservation areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mechanical thinning on foot, using power tools, is acceptable close to my home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mechanical thinning using large machinery such as excavators is acceptable in conservation areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mechanical thinning using large machinery such as excavators is acceptable close to my home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

34. How much *responsibility* do these groups have for managing bushfire risk to protect homes in your neighbourhood? (tick one for each row)

	None	Low	Medium	High	Very high
City of Hobart (Council)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tasmania Fire Service	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Property owners	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
People who live at the property	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Bushfire Readiness and Risk Reduction in Hobart Study

Preparing for bushfire

35. Thinking about your household, which of the following activities have you carried out, and which do you plan to carry out in the next year? (Tick all that apply)

	Have done this in the last year	Plan to do this in the next year	Have not done this and do not plan to
Regularly clear leaves, twigs and long grass immediately adjacent to the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regularly clear leaves, twigs and long grass within 20m of the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thin shrubs or trees so that nearby plants and trees do not touch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remove bushes immediately adjacent to the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cut back overhanging tree branches close to the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prune large trees by removing all branches that are close to the ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remove large trees within 20m of the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landscape with fire resistant materials (e.g. rocks)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landscape with less flammable plant species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Move combustible materials such as firewood and wooden garden furniture away from the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water garden frequently during the bushfire season	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

36. Thinking about your household, which of the following activities have you carried out, and which do you plan to carry out in the next year? (Tick all that apply)

	Have done this in the last year	Plan to do this in the next year	Have not done this and do not plan to
Regularly clear the gutters of leaves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Install gutter protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cover gaps, vents and underfloor spaces to reduce the risk of embers entering the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Obtain and prepare water tank and pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Install seals and/or draft protectors around windows and doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Install a sprinkler system on or around the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Install shutters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Install double/thermal pane / tempered glass in windows and exterior glass doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Install fire-resistant exterior cladding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Make or review a bushfire survival plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* 37. How much do you agree or disagree with the following statements? (tick one for each row)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Whether I prepare or not will make little difference in a bushfire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can't afford to prepare for bushfires	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A serious bushfire is unlikely to occur during my lifetime	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparing for bushfires will significantly reduce damage to my home should fire occur	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparing for bushfires will improve my everyday living conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Bushfire Readiness and Risk Reduction in Hobart Study

Preparing for bushfire

* 38. How much do you agree or disagree with the following statements? (tick one for each row)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I don't have the capacity to prepare for bushfires	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I look forward to the summer season	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I find it easy to prepare for bushfires	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thinking about bushfire causes me stress	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* 39. How much do you agree or disagree with the following statements? (tick one for each row)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Preparing for bushfires will improve the value of my house/ property	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparing for bushfires will significantly improve my ability to deal with disruption to family/ community life following a fire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is no point preparing for bushfires if my neighbours don't also prepare their property	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I haven't got time to prepare for bushfires	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I need help to prepare for bushfires	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

40. Approximately how much would you consider paying for a professional service to **assess your home and recommend ways to make it safer?**

41. Approximately how much would you consider paying for a professional service to **clear fuel such as leaf litter from around the house and clear the gutters** ?

42. Approximately how much would you consider paying for a professional service to **create a defensible space by removing trees and bushes**?

43. Approximately how much would you consider paying for a professional service to **install gutter guard**?

Bushfire Readiness and Risk Reduction in Hobart Study

Bushfire communication

Please note: there is a place for general comments at the end of the survey, if you would like to provide further context to any of your answers.

44. Have you used any of the following sources of information to help you prepare for bushfire? How useful was it? (tick one for each row)

	Not at all useful	Useful	Very useful	Have not used
City of Hobart printed information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
City of Hobart website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
City of Hobart representative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
City of Hobart public meeting (in person or online)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Experience of personal contacts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Actual experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Have you used any of the following sources of information to help you prepare for bushfire? How useful was it? (tick one for each row)

	Not at all useful	Useful	Very useful	Have not used
The Tasmania Fire Service video 'Prepare to survive'?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tasmania Fire Service open days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bushfire Ready Neighbourhood meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tasmania Fire Service 5 minute Bushfire Plan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tasmania Fire Service website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other sources of information you have found useful (this might include television, radio or websites - please be as specific as you can)

45. How often do you communicate with your neighbours (by neighbours, we mean people who live in the houses within 100m of your home)? (tick one only)

- Daily
- At least once a week
- About once a month
- Rarely
- Never

46. Do you share tools, food, or other goods with your neighbours?

- Never
- Rarely
- Sometimes
- Often

47. Do you help out neighbours by offering physical labour (such as mowing, clearing leaves, putting out bins, caring for pets)?

- Never
- Rarely
- Sometimes
- Often

48. How do you communicate with your neighbours? (tick all that apply)

- in person
- by email
- by phonecall
- using an app
- by text
- Other (please specify)

49. The City of Hobart can issue notices to property owners to remove fire hazards, and can act to remove hazards if property owners fail to comply. Are you aware of the hazard abatement program for private properties?

- Yes
- No

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Anything else that you think is important

50. Is there anything else you'd like to tell us?

Would you be interested in participating in a focus group about bushfire preparation in your area?

Yes

No

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Participating in a focus group

If you'd be interested in participating, please add your details below, so we can get in touch.

Your name

Your email address

Your phone number

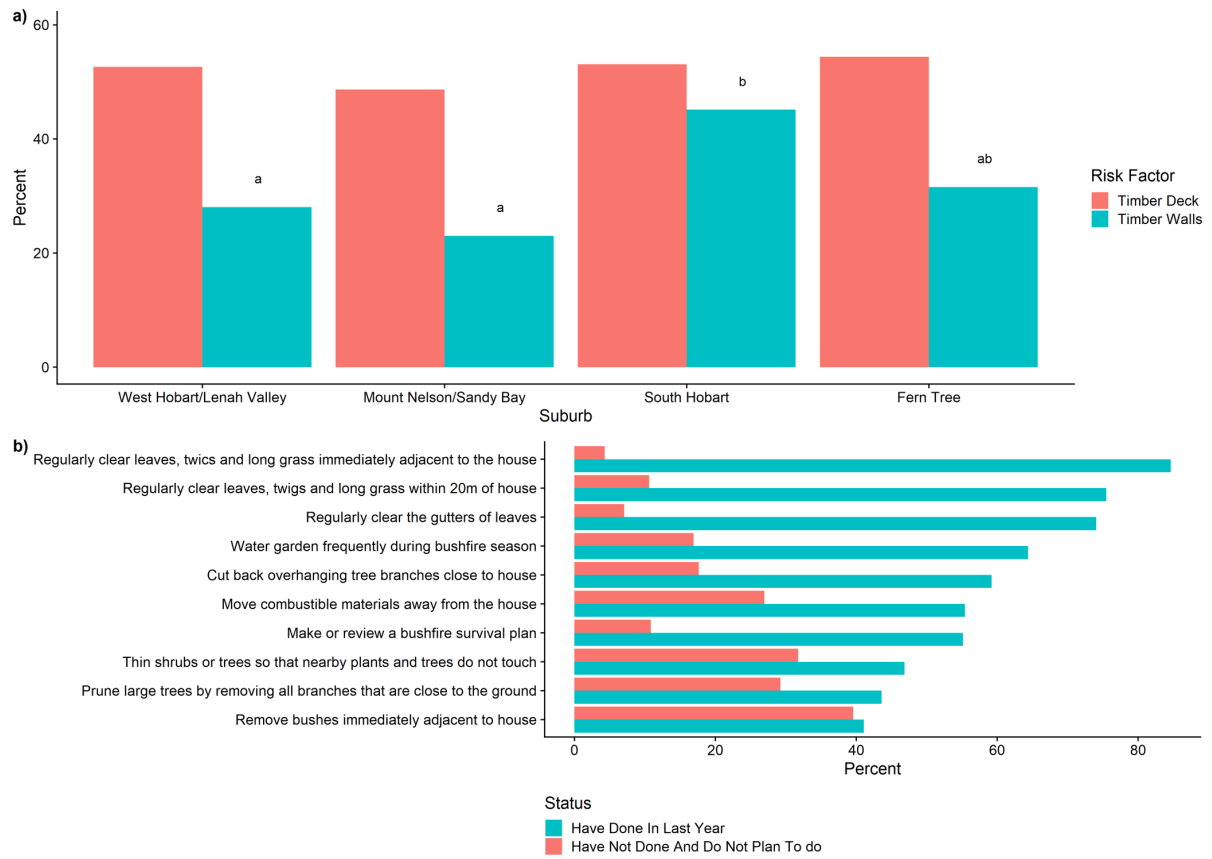
3. Descriptive statistics for variables described in Table 1

Question	N	Min	Max	Mean	Std Dev
How concerned are you about the risk of a bushfire affecting your home?	390	1.00	5.00	3.0462	1.03557
How much do you agree with the following statements?					
This community is important to me	388	1.00	5.00	3.9948	.78419
I value this landscape because of its beauty	389	1.00	5.00	4.4113	.68525
I value this landscape because of its nature and wildlife	389	1.00	5.00	4.3856	.76009
I value this landscape because it supports my activities and way of life	389	1.00	5.00	4.0566	.94536
How much responsibility do these groups have for managing bushfire risk to protect homes in your neighbourhood?					
City of Hobart (Council)	383	1.00	5.00	4.0836	.97256
Tasmania Fire Service	383	1.00	5.00	3.9582	1.00435
Property owners	381	1.00	5.00	4.2467	.82527
People who live at the property	382	1.00	5.00	4.0262	.96628
Thinking about your household, which of the following activities have you carried out in the last year?					
Regularly clear leaves, twigs and long grass immediately adjacent to the house	391	.00	1.00	.8721	.33438
Regularly clear leaves, twigs and long grass within 20m of the house	391	.00	1.00	.7801	.41474
Thin shrubs or trees so that nearby plants and trees do not touch	391	.00	1.00	.4859	.50044
Remove bushes immediately adjacent to the house	391	.00	1.00	.4297	.49566
Cut back overhanging tree branches close to the house	391	.00	1.00	.6113	.48809
Prune large trees by removing all branches that are close to the ground	391	.00	1.00	.4527	.49839
Remove large trees within 20m of the house	391	.00	1.00	.2430	.42942
Landscape with fire resistant materials (e.g. rocks)	391	.00	1.00	.3760	.48499
Landscape with less flammable plant species	391	.00	1.00	.4143	.49324
Move combustible materials such as firewood and wooden garden furniture away from the house	391	.00	1.00	.5729	.49529

Water garden frequently during the bushfire season	391	.00	1.00	.6675	.47171
Regularly clear the gutters of leaves	391	.00	1.00	.7621	.42631
Install gutter protection	391	.00	1.00	.2302	.42149
Cover gaps, vents and underfloor spaces to reduce the risk of embers entering the house	391	.00	1.00	.3657	.48225
Obtain and prepare water tank and pump	391	.00	1.00	.1560	.36333
Install seals and/or draft protectors around windows and doors	391	.00	1.00	.4092	.49232
Install a sprinkler system on or around the house	391	.00	1.00	.1483	.35589
Install shutters	391	.00	1.00	.0435	.20419
Install double/thermal pane / tempered glass in windows and exterior glass doors	391	.00	1.00	.2660	.44242
Install fire-resistant exterior cladding	391	.00	1.00	.1176	.32260
Make or review a bushfire survival plan	391	.00	1.00	.5678	.49602
How much do you agree with the following statements?					
Whether I prepare or not will make little difference in a bushfire	379	1.00	5.00	2.5646	1.26320
I can't afford to prepare for bushfires	378	1.00	5.00	2.0582	1.04376
A serious bushfire is unlikely to occur during my lifetime	380	1.00	5.00	1.7579	.98769
Preparing for bushfires will significantly reduce damage to my home should fire occur	380	1.00	5.00	3.7421	.94538
Preparing for bushfires will improve my everyday living conditions	379	1.00	5.00	3.2691	.94077
I don't have the capacity to prepare for bushfires	376	1.00	5.00	2.2367	1.04299
I look forward to the summer season	376	1.00	5.00	3.5426	1.04731
I find it easy to prepare for bushfires	376	1.00	5.00	2.8723	.96038
Thinking about bushfire causes me stress	376	1.00	5.00	3.2021	1.08399
Preparing for bushfires will improve the value of my house/ property	376	1.00	5.00	3.3245	.90688
Preparing for bushfires will significantly improve my ability to deal with disruption to family/ community life following a fire	376	1.00	5.00	3.6250	.81996

There is no point preparing for bushfires if my neighbours don't also prepare their property	375	1.00	5.00	2.6907	1.14242
I haven't got time to prepare for bushfires	375	1.00	5.00	2.0667	.86422
I need help to prepare for bushfires	375	1.00	5.00	3.2453	1.12272
Have you used any of the following sources of information to help you prepare for bushfire?					
City of Hobart printed information	365	1.00	4.00	2.8740	1.04330
City of Hobart website	367	1.00	4.00	3.2452	1.05314
City of Hobart representative	367	1.00	4.00	3.5613	.93559
City of Hobart public meeting (in person or online)	365	1.00	4.00	3.5452	.90558
Experience of personal contacts	368	1.00	4.00	3.0217	.92472
Actual experience	363	1.00	4.00	3.1625	.93639
The Tasmania Fire Service video 'Prepare to survive'?	369	1.00	4.00	3.1762	.90522
Tasmania Fire Service open days	367	1.00	4.00	3.5640	.83346
Bushfire Ready Neighbourhood meetings	369	1.00	4.00	3.4607	.89637
Tasmania Fire Service 5 minute Bushfire Plan	370	1.00	4.00	3.1432	.88866
Tasmania Fire Service website	369	1.00	4.00	2.9512	.84879
How often do you communicate with your neighbours (by neighbours, we mean people who live in the houses within 100m of your home)?	373	1.00	5.00	2.6166	.95063
How often do you communicate with neighbours	373	.00	4.00	2.3834	.95063
Do you share tools, food, or other goods with your neighbours?	373	.00	3.00	1.4048	.99983
Do you help out neighbours by offering physical labour (such as mowing, clearing leaves, putting out bins, caring for pets)?	373	.00	3.00	1.3217	.97467

4. Supplementary Figure 6a) Timber Deck/Walls by suburb b) Percentage of reported preparedness activities done in the last year/not done and not planned.



5. Mixed-effects model, Risk ~ RiskType + Suburb_Group + (1|RespondentID)

REML criterion at convergence: 2174

Random effects:

Groups	Name	Variance	St.Dev
RespondentID	Intercept	0.20	0.45
Residual		0.29	0.54

Observations: 1092, Groups: 383

Fixed Effects:

	Estimate	Std Err	t value
Intercept	2.15	0.058	37.0
Risk Type– Neighbours Property	0.57	0.040	14.1
Risk Type – Nearby Bushland	1.16	0.040	28.9
Suburb – Mount Nelson/Sandy Bay	0.12	0.075	1.55
Suburb – South Hobart	0.22	0.074	2.98
Suburb – Fern Tree	0.24	0.091	2.67

Fixed Effect Anova Table:

	X ²	Df	p>(X ²)
Risk Type	835.2	2	<0.001
Suburb	11.59	3	<0.01