

**Supplementary material**

**Simulating the effectiveness of prescribed burning at altering wildfire behaviour in Tasmania, Australia**

*James M. Furlaud<sup>A,B</sup>, Grant J. Williamson<sup>A</sup> and David M. J. S. Bowman<sup>A</sup>*

<sup>A</sup>School of Biological Sciences, University of Tasmania, Private Bag 55, Hobart, Tas. 7001, Australia.

<sup>B</sup>Corresponding author. Email: james.furlaud@utas.edu.au

**Table S1. Summary of the 12 implementable fuel treatment plans suggested by fire managers for six treatable vegetation types**

Vegetation types are derived from TASVEG 3.0 (Tasmanian Vegetation Monitoring and Mapping Program, Department of Primary Industries, Parks, Water and Environment, Hobart, Tas., Australia). The area treated (km<sup>2</sup>), the percentage of the total area (%) of the given vegetation type and the percentage of treatable area when compared with the maximal prescribed-burning scenario (Percentage of maximal area) for each vegetation type is listed. Twelve treatment plans were implemented over five years in our simulations. Treatment areas were selected from one of three subsets of treatable land: public land only, public and private land, and fire management zones (defined as areas within 6.05 km of human settlements). For each of these three subsets of land, two different levels of treatment were developed (2.5 and 5% for the public and public & private scenarios, full and half for the fire management zone scenario). Land was prioritised for treatment based on a risk score rank. This was done at both a statewide (State) and regional (FMA) scale. For more details on treatment block selection see Richards *et al.* (2014). A treatment block was defined as one discrete treatment area of a single vegetation type having no adjacent fuel treatments of the same vegetation type. Treatment blocks containing multiple vegetation types are split up into a block for each vegetation type. Summary statistics of the treated blocks are presented by vegetation type and year.

Treatment plan type	Year	Vegetation type	Area treated				Summary statistics of the sizes of treatment blocks (ha)				
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
1. Full fire management zone (FMA)	2014	Agricultural, urban and exotic vegetation	42	0.15	5.05	11301	<0.01	0.37	<0.01	289.35	4.07
		Dry eucalypt forest and woodland	682	4.29	4.66	5870	<0.01	11.62	0.28	2520.08	76.65
		Moorland, sedgeland, rushland and peatland	62	1.03	1.08	589	<0.01	10.50	1.35	386.38	35.53
		Native grassland	71	5.19	6.41	656	<0.01	10.80	1.42	999.55	49.84
		Non eucalypt forest and woodland	47	2.21	11.17	657	<0.01	7.22	1.75	150.78	16.53
		Scrub, heathland and coastal complexes	221	4.31	9.90	2054	<0.01	10.76	0.94	870.74	49.86

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			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
	2015	Agricultural, urban and exotic vegetation	36	0.13	4.36	9376	<0.01	0.38	<0.01	160.18	3.73
		Dry eucalypt forest and woodland	712	4.48	4.86	4314	<0.01	16.50	0.44	2956.59	100.76
		Moorland, sedgeland, rushland and peatland	22	0.37	0.38	252	<0.01	8.68	0.65	364.36	33.25
		Native grassland	42	3.07	3.80	540	<0.01	7.77	1.15	719.08	35.26
		Non eucalypt forest and woodland	27	1.26	6.35	503	<0.01	5.35	1.31	149.13	14.01
		Scrub, heathland and coastal complexes	98	1.90	4.37	1595	<0.01	6.12	0.15	1064.23	47.52
	2016	Agricultural, urban and exotic vegetation	34	0.13	4.18	10582	<0.01	0.33	<0.01	197.53	3.69
		Dry eucalypt forest and woodland	811	5.10	5.54	5495	<0.01	14.77	0.39	3637.82	109.21
		Moorland, sedgeland, rushland and peatland	32	0.53	0.56	291	<0.01	11.01	1.69	408.19	36.45
		Native grassland	48	3.51	4.34	583	<0.01	8.23	1.37	195.73	19.72
		Non eucalypt forest and woodland	22	1.03	5.19	306	<0.01	7.20	1.92	337.59	22.35
		Scrub, heathland and coastal complexes	50	0.97	2.22	934	<0.01	5.32	0.81	502.64	24.18
	2017	Agricultural, urban and exotic vegetation	40	0.15	4.81	9972	<0.01	0.40	<0.01	200.75	3.94
		Dry eucalypt forest and woodland	800	5.03	5.46	4409	<0.01	18.14	0.60	2870.29	104.46

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Moorland, sedgeland, rushland and peatland	50	0.84	0.88	276	<0.01	18.27	1.06	1218.26	98.19
		Native grassland	38	2.76	3.41	511	<0.01	7.38	1.23	515.28	27.96
		Non eucalypt forest and woodland	22	1.02	5.14	342	<0.01	6.38	1.22	379.25	23.66
		Scrub, heathland and coastal complexes	53	1.03	2.37	787	<0.01	6.73	0.54	813.73	39.84
	2018	Agricultural, urban and exotic vegetation	58	0.21	7.00	7837	<0.01	0.74	<0.01	248.34	6.18
		Dry eucalypt forest and woodland	816	5.14	5.58	5776	<0.01	14.14	0.21	2702.71	95.17
		Moorland, sedgeland, rushland and peatland	16	0.27	0.28	163	<0.01	9.78	1.68	157.10	23.18
		Native grassland	27	2.01	2.48	486	<0.01	5.65	0.68	142.55	14.65
		Non eucalypt forest and woodland	8	0.38	1.91	270	<0.01	3.00	<0.01	153.12	10.68
		Scrub, heathland and coastal complexes	31	0.61	1.40	501	<0.01	6.24	0.47	638.52	39.01
2. Half fire management zones (FMA)	2014	Agricultural, urban and exotic vegetation	23	0.08	2.79	6233	<0.01	0.37	<0.01	107.39	2.90
		Dry eucalypt forest and woodland	320	2.01	2.18	3967	<0.01	8.06	0.15	1546.44	47.65
		Moorland, sedgeland, rushland and peatland	43	0.72	0.75	419	<0.01	10.30	1.44	386.38	35.30
		Native grassland	32	2.36	2.91	397	<0.01	8.11	1.14	228.70	22.55
		Non eucalypt forest and woodland	31	1.43	7.21	455	<0.01	6.73	1.69	150.64	15.52

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
	2015	Scrub, heathland and coastal complexes	142	2.76	6.35	1411	<0.01	10.05	0.89	753.48	43.52
		Agricultural, urban and exotic vegetation	19	0.07	2.25	5157	<0.01	0.36	<0.01	289.35	5.03
		Dry eucalypt forest and woodland	362	2.28	2.48	2212	<0.01	16.39	0.56	2480.89	97.62
		Moorland, sedgeland, rushland and peatland	19	0.31	0.32	190	<0.01	9.84	0.93	375.23	34.00
		Native grassland	39	2.83	3.50	318	<0.01	12.16	1.27	932.53	62.13
		Non eucalypt forest and woodland	17	0.78	3.96	260	<0.01	6.47	1.69	85.03	13.47
	2016	Scrub, heathland and coastal complexes	79	1.54	3.55	843	<0.01	9.41	0.96	821.16	42.13
		Agricultural, urban and exotic vegetation	16	0.06	2.00	5257	<0.01	0.31	<0.01	134.71	3.35
		Dry eucalypt forest and woodland	343	2.16	2.34	2080	<0.01	16.50	0.40	1434.11	84.03
		Moorland, sedgeland, rushland and peatland	13	0.21	0.22	126	<0.01	10.06	0.58	364.36	37.43
		Native grassland	21	1.53	1.89	329	<0.01	6.33	1.08	130.82	16.03
		Non eucalypt forest and woodland	15	0.71	3.61	275	<0.01	5.56	1.49	109.39	12.77
	2017	Scrub, heathland and coastal complexes	44	0.87	1.99	825	<0.01	5.39	0.13	614.08	33.91
		Agricultural, urban and exotic vegetation	19	0.07	2.36	4177	<0.01	0.47	<0.01	160.18	4.09

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			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Dry eucalypt forest and woodland	368	2.32	2.52	2382	<0.01	15.47	0.47	1779.90	89.52
		Moorland, sedgeland, rushland and peatland	9	0.15	0.16	134	<0.01	6.87	0.91	219.36	22.38
		Native grassland	21	1.54	1.91	219	<0.01	9.64	1.30	719.08	51.29
		Non eucalypt forest and woodland	12	0.54	2.74	239	<0.01	4.87	1.09	149.13	14.82
		Scrub, heathland and coastal complexes	53	1.04	2.38	789	<0.01	6.74	0.17	1064.23	53.30
	2018	Agricultural, urban and exotic vegetation	18	0.07	2.23	5029	<0.01	0.37	<0.01	174.58	3.85
		Dry eucalypt forest and woodland	412	2.60	2.82	2952	<0.01	13.97	0.39	2500.65	88.65
		Moorland, sedgeland, rushland and peatland	15	0.25	0.26	189	<0.01	8.03	1.67	319.30	27.10
		Native grassland	17	1.26	1.55	231	<0.01	7.43	1.02	152.38	18.95
		Non eucalypt forest and woodland	13	0.60	3.02	140	<0.01	9.15	2.01	337.59	30.37
		Scrub, heathland and coastal complexes	37	0.72	1.65	516	<0.01	7.14	1.02	502.64	31.22
3. 5% treatable fuels on public & private land (FMA)	2014	Agricultural, urban and exotic vegetation	50	0.18	6.02	6078	<0.01	0.82	<0.01	407.81	6.83
		Dry eucalypt forest and woodland	994	6.26	6.79	5422	<0.01	18.34	0.77	5679.81	142.18
		Moorland, sedgeland, rushland and peatland	108	1.80	1.87	441	<0.01	24.45	1.11	1368.35	110.69
		Native grassland	27	1.95	2.41	453	<0.01	5.87	1.15	243.79	18.12

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			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Non eucalypt forest and woodland	12	0.58	2.94	249	<0.01	5.02	1.47	151.30	12.61
		Scrub, heathland and coastal complexes	132	2.57	5.90	745	<0.01	17.68	1.04	2456.51	141.69
	2015	Agricultural, urban and exotic vegetation	36	0.13	4.34	4526	<0.01	0.79	<0.01	210.96	6.00
		Dry eucalypt forest and woodland	953	6.00	6.51	4270	<0.01	22.32	0.90	8559.17	175.52
		Moorland, sedgeland, rushland and peatland	176	2.93	3.06	512	<0.01	34.35	1.98	4219.30	227.27
		Native grassland	16	1.16	1.43	363	<0.01	4.35	0.65	117.11	11.39
		Non eucalypt forest and woodland	22	1.03	5.19	156	<0.01	14.12	1.96	1216.39	98.53
		Scrub, heathland and coastal complexes	78	1.51	3.48	463	<0.01	16.77	1.19	2159.71	136.03
	2016	Agricultural, urban and exotic vegetation	43	0.16	5.18	4497	<0.01	0.95	<0.01	613.05	10.23
		Dry eucalypt forest and woodland	882	5.55	6.03	3611	<0.01	24.42	0.83	4864.08	171.09
		Moorland, sedgeland, rushland and peatland	113	1.88	1.96	519	<0.01	21.74	1.83	1109.12	97.87
		Native grassland	22	1.60	1.98	335	<0.01	6.54	1.55	95.24	13.72
		Non eucalypt forest and woodland	29	1.34	6.76	255	<0.01	11.24	1.21	297.95	37.29
		Scrub, heathland and coastal complexes	276	5.38	12.38	796	<0.01	34.72	0.92	11417.38	449.87

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			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
	2017	Agricultural, urban and exotic vegetation	44	0.16	5.29	4088	<0.01	1.07	<0.01	292.79	8.51
		Dry eucalypt forest and woodland	906	5.70	6.19	3770	<0.01	24.03	0.96	5409.25	170.18
		Moorland, sedgeland, rushland and peatland	1050	17.53	18.26	1535	<0.01	68.43	1.93	33916.32	1074.47
		Native grassland	18	1.31	1.61	448	<0.01	3.98	0.79	109.66	11.03
		Non eucalypt forest and woodland	8	0.35	1.77	201	<0.01	3.74	1.08	106.11	10.88
		Scrub, heathland and coastal complexes	86	1.67	3.85	1101	<0.01	7.81	1.24	1064.32	49.74
	2018	Agricultural, urban and exotic vegetation	20	0.07	2.39	3884	<0.01	0.51	<0.01	225.59	4.83
		Dry eucalypt forest and woodland	651	4.10	4.45	2440	<0.01	26.69	1.29	3754.56	155.71
		Moorland, sedgeland, rushland and peatland	157	2.62	2.72	927	<0.01	16.91	1.87	1229.54	83.33
		Native grassland	19	1.36	1.68	260	<0.01	7.15	0.67	267.82	26.50
		Non eucalypt forest and woodland	17	0.77	3.91	133	<0.01	12.49	2.37	644.25	57.88
		Scrub, heathland and coastal complexes	30	0.59	1.35	465	<0.01	6.48	1.34	293.73	22.09
4. 2.5	2014	Agricultural, urban and exotic vegetation	24	0.09	2.95	2942	<0.01	0.83	<0.01	102.73	4.09
percentage treatable fuels on		Dry eucalypt forest and woodland	520	3.27	3.55	3732	<0.01	13.92	0.71	4823.89	117.51



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public & private land (FMA)	2015	Moorland, sedgeland, rushland and peatland	39	0.65	0.68	260	<0.01	15.06	1.29	1065.50	71.18
		Native grassland	14	1.01	1.25	257	<0.01	5.37	0.87	149.33	15.53
		Non eucalypt forest and woodland	8	0.35	1.79	126	<0.01	6.03	1.24	151.30	16.46
		Scrub, heathland and coastal complexes	91	1.78	4.08	510	<0.01	17.87	1.13	1650.94	122.07
		Agricultural, urban and exotic vegetation	25	0.09	3.07	3238	<0.01	0.78	<0.01	345.69	7.65
		Dry eucalypt forest and woodland	475	2.99	3.24	2386	<0.01	19.89	0.72	2769.17	107.72
		Moorland, sedgeland, rushland and peatland	69	1.15	1.19	227	<0.01	30.25	1.06	1355.05	130.42
	2016	Native grassland	13	0.94	1.16	221	<0.01	5.79	1.21	243.79	19.03
		Non eucalypt forest and woodland	5	0.23	1.15	133	<0.01	3.68	1.83	29.99	5.55
		Scrub, heathland and coastal complexes	41	0.79	1.82	287	<0.01	14.13	0.81	1501.19	96.95
		Agricultural, urban and exotic vegetation	18	0.07	2.23	1995	<0.01	0.92	<0.01	174.15	5.96
		Dry eucalypt forest and woodland	424	2.67	2.90	1937	<0.01	21.91	0.87	3250.46	135.46
		Moorland, sedgeland, rushland and peatland	78	1.30	1.35	170	<0.01	45.75	2.64	4219.30	331.49
		Native grassland	7	0.49	0.60	168	<0.01	3.96	0.58	71.33	10.12
Non eucalypt forest and woodland	7	0.35	1.76	101	<0.01	7.38	2.08	161.90	19.45		

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	2017	Scrub, heathland and coastal complexes	25	0.49	1.14	262	<0.01	9.69	1.04	687.09	50.04
		Agricultural, urban and exotic vegetation	17	0.06	2.11	2566	<0.01	0.68	<0.01	210.96	5.93
		Dry eucalypt forest and woodland	529	3.33	3.61	2585	<0.01	20.45	0.91	1981.33	109.86
		Moorland, sedgeland, rushland and peatland	98	1.64	1.70	355	<0.01	27.63	1.82	1832.28	147.66
		Native grassland	9	0.67	0.83	199	<0.01	4.60	0.79	117.11	12.25
		Non eucalypt forest and woodland	15	0.68	3.43	61	<0.01	23.89	1.64	1216.39	155.43
	2018	Scrub, heathland and coastal complexes	52	1.02	2.34	230	<0.01	22.72	1.30	2144.47	160.35
		Agricultural, urban and exotic vegetation	20	0.07	2.47	2183	<0.01	0.93	<0.01	613.05	13.76
		Dry eucalypt forest and woodland	475	2.99	3.25	1987	<0.01	23.90	0.67	4759.67	178.88
		Moorland, sedgeland, rushland and peatland	48	0.80	0.83	271	<0.01	17.59	2.09	1079.92	80.74
		Native grassland	5	0.38	0.47	121	<0.01	4.30	1.48	45.63	7.44
		Non eucalypt forest and woodland	6	0.29	1.46	68	<0.01	9.13	2.01	198.76	26.24
		Scrub, heathland and coastal complexes	80	1.57	3.60	222	<0.01	36.25	1.10	5106.22	356.10
5. 5% treatable	2014	Agricultural, urban and exotic vegetation	7	0.03	0.88	1474	<0.01	0.49	0.06	36.12	1.81

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			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
fuels on public land only (FMA)	2015	Dry eucalypt forest and woodland	556	3.50	3.80	6422	<0.01	8.66	0.19	3921.78	73.98
		Moorland, sedgeland, rushland and peatland	163	2.72	2.83	521	<0.01	31.23	1.44	3652.38	205.66
		Native grassland	6	0.42	0.52	326	<0.01	1.75	0.20	76.38	7.24
		Non eucalypt forest and woodland	5	0.23	1.14	225	<0.01	2.15	0.04	124.58	10.50
		Scrub, heathland and coastal complexes	73	1.43	3.28	714	<0.01	10.27	0.60	1841.97	80.47
		Agricultural, urban and exotic vegetation	2	0.01	0.25	443	<0.01	0.47	0.04	18.04	1.52
		Dry eucalypt forest and woodland	461	2.90	3.15	3355	<0.01	13.73	0.39	2710.94	84.98
	2016	Moorland, sedgeland, rushland and peatland	287	4.80	5.00	1093	<0.01	26.30	2.33	1832.46	120.11
		Native grassland	2	0.17	0.20	159	<0.01	1.42	0.17	56.40	5.08
		Non eucalypt forest and woodland	12	0.56	2.84	70	<0.01	17.23	0.80	1022.41	122.02
		Scrub, heathland and coastal complexes	41	0.80	1.84	430	<0.01	9.54	1.18	472.45	38.97
		Agricultural, urban and exotic vegetation	10	0.04	1.23	578	<0.01	1.75	0.01	613.05	25.61
		Dry eucalypt forest and woodland	427	2.68	2.92	2524	<0.01	16.91	0.29	3365.11	117.50
		Moorland, sedgeland, rushland and peatland	83	1.39	1.44	460	<0.01	18.05	1.72	939.52	68.56
Native grassland	2	0.13	0.17	104	<0.01	1.76	0.39	24.62	4.10		

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		Non eucalypt forest and woodland	5	0.23	1.19	103	<0.01	4.88	0.38	190.75	22.22
		Scrub, heathland and coastal complexes	154	3.00	6.90	689	<0.01	22.37	0.76	5106.22	218.88
	2017	Agricultural, urban and exotic vegetation	3	0.01	0.41	362	<0.01	0.93	0.04	64.01	5.19
		Dry eucalypt forest and woodland	407	2.56	2.78	1904	<0.01	21.39	0.52	4576.56	171.77
		Moorland, sedgeland, rushland and peatland	1112	18.56	19.33	1616	<0.01	68.83	2.02	33916.32	1049.74
		Native grassland	3	0.20	0.24	182	<0.01	1.47	0.38	44.97	4.47
		Non eucalypt forest and woodland	4	0.19	0.94	55	<0.01	7.29	0.42	236.00	33.47
		Scrub, heathland and coastal complexes	36	0.70	1.61	666	<0.01	5.39	1.01	281.37	16.48
	2018	Agricultural, urban and exotic vegetation	3	0.01	0.36	358	<0.01	0.82	0.06	42.75	3.19
		Dry eucalypt forest and woodland	426	2.68	2.91	2028	<0.01	20.99	0.55	3077.67	123.03
		Moorland, sedgeland, rushland and peatland	1407	23.48	24.46	1864	<0.01	75.50	2.43	17900.15	718.84
		Native grassland	6	0.41	0.51	165	<0.01	3.41	0.34	83.75	10.30
		Non eucalypt forest and woodland	5	0.24	1.22	145	<0.01	3.56	0.08	185.71	16.56
		Scrub, heathland and coastal complexes	222	4.33	9.95	992	<0.01	22.40	2.08	9255.00	299.50

Treatment plan type	Year	Vegetation type	Area treated				Summary statistics of the sizes of treatment blocks (ha)				
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
6. 2.5% treatable fuels on public land only (FMA)	2014	Agricultural, urban and exotic vegetation	4	0.02	0.51	1012	<0.01	0.41	0.05	19.81	1.35
		Dry eucalypt forest and woodland	292	1.84	2.00	4435	<0.01	6.59	0.16	3518.09	72.62
		Moorland, sedgeland, rushland and peatland	53	0.89	0.93	348	<0.01	15.33	1.11	1065.50	66.33
		Native grassland	3	0.25	0.31	195	<0.01	1.76	0.17	67.79	7.08
		Non eucalypt forest and woodland	4	0.20	1.00	103	<0.01	4.13	0.27	124.58	15.23
		Scrub, heathland and coastal complexes	60	1.17	2.68	469	<0.01	12.77	0.54	1458.43	83.15
	2015	Agricultural, urban and exotic vegetation	3	0.01	0.37	584	<0.01	0.53	0.06	35.75	2.24
		Dry eucalypt forest and woodland	264	1.66	1.80	2840	<0.01	9.29	0.18	1316.01	51.31
		Moorland, sedgeland, rushland and peatland	109	1.83	1.90	252	<0.01	43.41	1.38	3652.38	277.64
		Native grassland	2	0.17	0.21	166	<0.01	1.37	0.15	76.38	6.66
		Non eucalypt forest and woodland	1	0.03	0.13	127	<0.01	0.45	<0.01	11.98	1.52
		Scrub, heathland and coastal complexes	13	0.26	0.60	285	<0.01	4.72	0.59	383.40	25.88
	2016	Agricultural, urban and exotic vegetation	2	0.01	0.18	238	<0.01	0.64	0.06	18.04	1.93
		Dry eucalypt forest and woodland	186	1.17	1.27	1780	<0.01	10.43	0.16	1648.02	63.97

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Moorland, sedgeland, rushland and peatland	96	1.61	1.67	368	<0.01	26.15	1.96	1832.46	134.48
		Native grassland	2	0.13	0.16	106	<0.01	1.63	0.15	56.40	5.94
		Non eucalypt forest and woodland	1	0.07	0.35	40	<0.01	3.68	1.60	44.12	7.38
		Scrub, heathland and coastal complexes	17	0.33	0.77	238	<0.01	7.21	1.25	472.45	32.09
	2017	Agricultural, urban and exotic vegetation	1	0.00	0.07	212	<0.01	0.26	0.02	6.89	0.73
		Dry eucalypt forest and woodland	275	1.73	1.88	1682	<0.01	16.35	0.85	2309.80	87.89
		Moorland, sedgeland, rushland and peatland	191	3.19	3.32	739	<0.01	25.87	2.62	1560.13	109.44
		Native grassland	1	0.04	0.05	56	<0.01	0.95	0.19	17.44	2.46
		Non eucalypt forest and woodland	11	0.49	2.50	30	<0.01	35.29	0.34	1022.41	186.45
		Scrub, heathland and coastal complexes	24	0.46	1.07	196	<0.01	12.18	1.00	454.80	45.58
	2018	Agricultural, urban and exotic vegetation	8	0.03	0.94	245	<0.01	3.16	0.01	613.05	39.21
		Dry eucalypt forest and woodland	197	1.24	1.35	1119	<0.01	17.62	0.24	1981.33	99.46
		Moorland, sedgeland, rushland and peatland	29	0.48	0.50	113	<0.01	25.65	2.55	664.30	80.97
		Native grassland	1	0.06	0.08	36	<0.01	2.29	0.31	24.50	4.92
		Non eucalypt forest and woodland	0	0.02	0.09	38	<0.01	1.06	0.35	13.42	2.32

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)						
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.	
		Scrub, heathland and coastal complexes	93	1.81	4.16	192	<0.01	48.38	0.85	5106.22	385.05	
7. Full fire management zones (State)	2014	Agricultural, urban and exotic vegetation	38	0.14	4.56	6668	<0.01	0.56	<0.01	185.49	4.27	
		Dry eucalypt forest and woodland	366	2.30	2.50	3648	<0.01	10.02	0.52	2913.12	69.54	
		Moorland, sedgeland, rushland and peatland	130	2.18	2.27	780	<0.01	16.73	1.61	1461.46	84.67	
			Native grassland	34	2.48	3.06	500	<0.01	6.76	0.82	221.05	19.14
			Non eucalypt forest and woodland	49	2.29	11.55	600	<0.01	8.17	1.09	426.42	31.64
			Scrub, heathland and coastal complexes	382	7.45	17.12	2791	<0.01	13.70	0.59	2799.66	94.83
		2015	Agricultural, urban and exotic vegetation	30	0.11	3.69	9733	<0.01	0.31	<0.01	103.77	2.89
			Dry eucalypt forest and woodland	715	4.50	4.89	5579	<0.01	12.82	0.32	3615.52	93.25
			Moorland, sedgeland, rushland and peatland	94	1.57	1.64	479	<0.01	19.69	1.25	1785.68	110.27
			Native grassland	36	2.66	3.29	478	<0.01	7.61	1.39	228.70	21.75
			Non eucalypt forest and woodland	37	1.71	8.63	467	<0.01	7.84	1.47	554.37	33.31
			Scrub, heathland and coastal complexes	86	1.68	3.86	1427	<0.01	6.04	0.70	407.12	26.47
		2016	Agricultural, urban and exotic vegetation	42	0.15	5.13	12326	<0.01	0.34	<0.01	289.35	4.11

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Dry eucalypt forest and woodland	793	4.99	5.42	5002	<0.01	15.86	0.47	3637.82	100.12
		Moorland, sedgeland, rushland and peatland	42	0.69	0.72	244	<0.01	17.02	1.66	540.02	66.89
		Native grassland	65	4.72	5.84	637	<0.01	10.13	1.12	932.53	53.58
		Non eucalypt forest and woodland	31	1.44	7.28	510	<0.01	6.06	1.58	149.13	13.59
		Scrub, heathland and coastal complexes	26	0.50	1.14	656	<0.01	3.89	0.97	183.20	11.90
	2017	Agricultural, urban and exotic vegetation	44	0.16	5.30	10468	<0.01	0.42	<0.01	200.75	4.94
		Dry eucalypt forest and woodland	840	5.29	5.74	5135	<0.01	16.36	0.52	2578.97	98.62
		Moorland, sedgeland, rushland and peatland	35	0.58	0.60	228	<0.01	15.21	0.67	1287.00	97.77
		Native grassland	42	3.09	3.82	502	<0.01	8.41	1.57	135.55	18.38
		Non eucalypt forest and woodland	19	0.86	4.36	254	<0.01	7.29	2.50	96.82	14.64
		Scrub, heathland and coastal complexes	16	0.32	0.74	720	<0.01	2.29	0.08	197.73	10.05
	2018	Agricultural, urban and exotic vegetation	57	0.21	6.92	8477	<0.01	0.67	<0.01	239.97	4.96
		Dry eucalypt forest and woodland	854	5.37	5.84	5764	<0.01	14.82	0.17	2870.29	102.03
		Moorland, sedgeland, rushland and peatland	22	0.36	0.37	155	<0.01	13.89	1.16	1060.21	86.78
		Native grassland	42	3.05	3.76	483	<0.01	8.61	1.62	214.20	21.80



Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Non eucalypt forest and woodland	12	0.55	2.77	419	<0.01	2.81	0.09	153.12	8.80
		Scrub, heathland and coastal complexes	8	0.15	0.35	423	<0.01	1.83	0.30	54.18	4.39
8. Half fire management zones (State)	2014	Agricultural, urban and exotic vegetation	20	0.07	2.37	1720	<0.01	1.13	<0.01	97.91	5.87
		Dry eucalypt forest and woodland	133	0.84	0.91	1603	<0.01	8.29	0.36	2913.12	84.67
		Moorland, sedgeland, rushland and peatland	59	0.99	1.03	456	<0.01	12.97	1.59	407.31	39.87
		Native grassland	17	1.27	1.57	276	<0.01	6.30	0.60	141.09	17.06
		Non eucalypt forest and woodland	24	1.14	5.74	279	<0.01	8.73	1.34	337.59	28.86
		Scrub, heathland and coastal complexes	256	4.98	11.45	1855	<0.01	13.79	0.55	2313.12	88.59
	2015	Agricultural, urban and exotic vegetation	18	0.07	2.19	5028	<0.01	0.36	<0.01	82.00	2.74
		Dry eucalypt forest and woodland	233	1.46	1.59	2253	<0.01	10.33	0.65	1392.36	49.95
		Moorland, sedgeland, rushland and peatland	71	1.19	1.24	390	<0.01	18.29	1.46	1218.26	91.16
		Native grassland	16	1.20	1.49	281	<0.01	5.84	0.71	221.05	18.67
		Non eucalypt forest and woodland	25	1.15	5.81	342	<0.01	7.21	0.83	426.42	32.32
		Scrub, heathland and coastal complexes	127	2.47	5.67	1224	<0.01	10.34	0.75	1606.43	62.86

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
	2016	Agricultural, urban and exotic vegetation	16	0.06	1.99	4859	<0.01	0.34	<0.01	103.77	3.14
		Dry eucalypt forest and woodland	352	2.21	2.41	3312	<0.01	10.63	0.20	2489.99	75.96
		Moorland, sedgeland, rushland and peatland	44	0.73	0.76	282	<0.01	15.48	0.88	939.71	84.30
		Native grassland	8	0.59	0.73	232	<0.01	3.48	1.05	71.11	7.70
		Non eucalypt forest and woodland	13	0.62	3.16	239	<0.01	5.61	1.33	291.30	21.10
		Scrub, heathland and coastal complexes	66	1.29	2.97	748	<0.01	8.86	1.07	407.12	34.65
	2017	Agricultural, urban and exotic vegetation	14	0.05	1.70	4905	<0.01	0.29	<0.01	65.71	2.44
		Dry eucalypt forest and woodland	363	2.28	2.48	2456	<0.01	14.78	0.49	1863.73	81.34
		Moorland, sedgeland, rushland and peatland	51	0.85	0.88	229	<0.01	22.13	2.00	914.64	80.95
		Native grassland	28	2.07	2.56	270	<0.01	10.47	1.60	228.70	26.32
		Non eucalypt forest and woodland	23	1.08	5.47	254	<0.01	9.14	1.47	554.37	39.99
		Scrub, heathland and coastal complexes	20	0.39	0.89	720	<0.01	2.76	0.21	193.42	10.53
	2018	Agricultural, urban and exotic vegetation	24	0.09	2.88	6977	<0.01	0.34	<0.01	289.35	4.65
		Dry eucalypt forest and woodland	379	2.38	2.59	2407	<0.01	15.73	0.46	1805.63	90.05

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Moorland, sedgeland, rushland and peatland	26	0.44	0.46	162	<0.01	16.22	1.53	540.02	68.06
		Native grassland	47	3.40	4.21	359	<0.01	12.96	1.28	932.53	69.09
		Non eucalypt forest and woodland	19	0.89	4.50	257	<0.01	7.43	1.83	149.13	16.26
		Scrub, heathland and coastal complexes	16	0.31	0.70	303	<0.01	5.20	1.02	183.20	15.92
9. 5% treatable fuels on public & private land (State)	2014	Agricultural, urban and exotic vegetation	47	0.17	5.73	4474	<0.01	1.06	<0.01	407.81	7.57
		Dry eucalypt forest and woodland	1049	6.60	7.17	5746	<0.01	18.25	0.78	4822.50	130.21
		Moorland, sedgeland, rushland and peatland	24	0.40	0.42	355	<0.01	6.83	1.06	140.36	18.04
		Native grassland	18	1.31	1.63	378	<0.01	4.75	0.86	175.08	13.58
		Non eucalypt forest and woodland	12	0.56	2.81	226	<0.01	5.27	1.65	151.30	12.89
		Scrub, heathland and coastal complexes	101	1.98	4.55	688	<0.01	14.75	1.03	3462.02	147.20
	2015	Agricultural, urban and exotic vegetation	40	0.15	4.82	4176	<0.01	0.95	<0.01	210.96	6.44
		Dry eucalypt forest and woodland	1037	6.52	7.08	4025	<0.01	25.75	0.92	14753.76	297.32
		Moorland, sedgeland, rushland and peatland	61	1.01	1.05	360	<0.01	16.85	1.56	1065.50	72.36
		Native grassland	24	1.76	2.18	377	<0.01	6.38	1.10	243.79	17.95
		Non eucalypt forest and woodland	19	0.90	4.55	113	<0.01	17.07	1.70	1218.35	115.82

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
	2016	Scrub, heathland and coastal complexes	50	0.98	2.26	514	<0.01	9.81	0.92	1617.30	81.17
		Agricultural, urban and exotic vegetation	38	0.14	4.63	5569	<0.01	0.68	<0.01	211.07	5.43
		Dry eucalypt forest and woodland	1006	6.33	6.88	3450	<0.01	29.16	1.06	5409.25	181.50
		Moorland, sedgeland, rushland and peatland	133	2.22	2.31	548	<0.01	24.30	1.39	3652.38	188.96
		Native grassland	15	1.07	1.32	320	<0.01	4.56	1.00	142.55	12.07
		Non eucalypt forest and woodland	21	0.97	4.89	211	<0.01	9.84	1.95	672.02	50.43
		Scrub, heathland and coastal complexes	37	0.72	1.65	557	<0.01	6.62	0.96	384.19	27.29
	2017	Agricultural, urban and exotic vegetation	35	0.13	4.20	3675	<0.01	0.94	<0.01	613.05	12.50
		Dry eucalypt forest and woodland	902	5.67	6.16	3731	<0.01	24.17	0.67	6996.48	171.66
		Moorland, sedgeland, rushland and peatland	148	2.47	2.57	523	<0.01	28.26	1.64	1832.28	138.73
		Native grassland	14	1.03	1.28	271	<0.01	5.20	1.08	117.11	13.78
		Non eucalypt forest and woodland	13	0.59	2.97	145	<0.01	8.70	1.47	375.42	35.46
		Scrub, heathland and coastal complexes	121	2.37	5.44	687	<0.01	17.68	0.97	5106.22	216.92
	2018	Agricultural, urban and exotic vegetation	39	0.14	4.70	5117	<0.01	0.76	<0.01	576.53	10.22

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Dry eucalypt forest and woodland	915	5.76	6.25	3797	<0.01	24.10	0.96	4864.20	153.24
		Moorland, sedgeland, rushland and peatland	141	2.35	2.45	914	<0.01	15.44	1.71	1229.54	72.81
		Native grassland	14	1.00	1.23	213	<0.01	6.39	1.03	267.82	22.40
		Non eucalypt forest and woodland	9	0.43	2.18	143	<0.01	6.46	1.12	203.96	21.12
		Scrub, heathland and coastal complexes	96	1.88	4.32	794	<0.01	12.14	1.33	1454.01	76.73
10. 2.5% treatable fuels on public & private land (State)	2014	Agricultural, urban and exotic vegetation	26	0.09	3.12	2557	<0.01	1.01	<0.01	102.73	4.29
		Dry eucalypt forest and woodland	486	3.06	3.32	3586	<0.01	13.56	0.57	4822.50	107.95
		Moorland, sedgeland, rushland and peatland	12	0.21	0.22	183	<0.01	6.80	0.80	136.19	18.92
		Native grassland	9	0.69	0.85	224	<0.01	4.20	0.86	149.33	12.66
		Non eucalypt forest and woodland	9	0.42	2.13	153	<0.01	5.92	1.85	151.30	15.03
		Scrub, heathland and coastal complexes	80	1.56	3.58	438	<0.01	18.23	1.12	3462.02	181.16
	2015	Agricultural, urban and exotic vegetation	22	0.08	2.61	2033	<0.01	1.06	<0.01	345.69	8.99
		Dry eucalypt forest and woodland	563	3.54	3.85	2749	<0.01	20.47	0.99	3209.82	120.70
		Moorland, sedgeland, rushland and peatland	12	0.20	0.21	192	<0.01	6.15	1.10	135.86	15.99
		Native grassland	9	0.63	0.77	174	<0.01	4.91	0.65	96.70	12.28

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Non eucalypt forest and woodland	3	0.13	0.67	80	<0.01	3.55	1.14	36.35	6.09
		Scrub, heathland and coastal complexes	22	0.42	0.97	300	<0.01	7.22	0.81	597.79	39.99
	2016	Agricultural, urban and exotic vegetation	23	0.08	2.82	1828	<0.01	1.27	<0.01	210.96	7.56
		Dry eucalypt forest and woodland	507	3.19	3.47	1908	<0.01	26.59	0.95	8049.65	222.65
		Moorland, sedgeland, rushland and peatland	29	0.49	0.51	197	<0.01	14.97	1.42	1065.50	82.24
		Native grassland	13	0.93	1.15	160	<0.01	7.97	1.83	243.79	22.07
		Non eucalypt forest and woodland	14	0.66	3.36	44	<0.01	32.38	2.06	1216.39	182.79
		Scrub, heathland and coastal complexes	15	0.30	0.69	192	<0.01	7.98	0.96	640.62	47.58
	2017	Agricultural, urban and exotic vegetation	17	0.06	2.00	2393	<0.01	0.69	<0.01	149.71	4.99
		Dry eucalypt forest and woodland	529	3.33	3.62	2430	<0.01	21.77	0.86	4147.00	152.44
		Moorland, sedgeland, rushland and peatland	31	0.52	0.54	164	<0.01	18.99	1.65	387.16	58.24
		Native grassland	11	0.83	1.02	237	<0.01	4.76	0.89	92.28	11.96
		Non eucalypt forest and woodland	5	0.24	1.19	75	<0.01	6.72	1.46	198.76	24.30
		Scrub, heathland and coastal complexes	35	0.68	1.57	335	<0.01	10.48	0.90	1617.30	90.92

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
	2018	Agricultural, urban and exotic vegetation	16	0.06	1.91	2150	<0.01	0.73	<0.01	174.15	5.68
		Dry eucalypt forest and woodland	512	3.22	3.50	1543	<0.01	33.18	0.91	5409.13	223.78
		Moorland, sedgeland, rushland and peatland	54	0.89	0.93	277	<0.01	19.32	1.24	1289.35	109.75
		Native grassland	4	0.31	0.38	113	<0.01	3.75	0.73	109.66	11.42
		Non eucalypt forest and woodland	7	0.33	1.66	95	<0.01	7.42	1.36	236.72	26.29
		Scrub, heathland and coastal complexes	22	0.42	0.97	265	<0.01	8.15	0.92	384.19	33.64
11. 5% treatable fuels on public land only (State)	2014	Agricultural, urban and exotic vegetation	6	0.02	0.71	1211	<0.01	0.48	0.05	36.12	2.00
		Dry eucalypt forest and woodland	641	4.03	4.38	6038	<0.01	10.61	0.20	3920.40	83.03
		Moorland, sedgeland, rushland and peatland	29	0.48	0.50	383	<0.01	7.46	1.06	146.25	19.45
		Native grassland	4	0.30	0.37	275	<0.01	1.47	0.16	76.38	6.39
		Non eucalypt forest and woodland	5	0.22	1.13	169	<0.01	2.84	0.16	124.58	12.10
		Scrub, heathland and coastal complexes	83	1.61	3.70	595	<0.01	13.89	0.57	2676.79	120.53
	2015	Agricultural, urban and exotic vegetation	5	0.02	0.56	778	<0.01	0.60	0.02	113.11	4.44
		Dry eucalypt forest and woodland	629	3.95	4.30	3636	<0.01	17.29	0.26	4576.56	139.73

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Moorland, sedgeland, rushland and peatland	82	1.37	1.43	484	<0.01	17.00	1.44	1367.52	88.63
		Native grassland	3	0.21	0.25	207	<0.01	1.35	0.19	67.79	6.32
		Non eucalypt forest and woodland	16	0.76	3.82	94	<0.01	17.27	0.19	1155.12	122.15
		Scrub, heathland and coastal complexes	41	0.80	1.84	525	<0.01	7.82	0.68	1808.37	81.44
	2016	Agricultural, urban and exotic vegetation	4	0.01	0.49	705	<0.01	0.58	0.06	28.60	2.12
		Dry eucalypt forest and woodland	567	3.57	3.88	2953	<0.01	19.21	0.20	4057.28	137.05
		Moorland, sedgeland, rushland and peatland	102	1.70	1.77	356	<0.01	28.54	1.35	3652.38	222.77
		Native grassland	1	0.10	0.13	160	<0.01	0.88	0.22	25.08	2.45
		Non eucalypt forest and woodland	10	0.45	2.25	138	<0.01	6.92	0.06	643.45	55.54
		Scrub, heathland and coastal complexes	12	0.24	0.56	442	<0.01	2.81	0.53	65.70	6.69
	2017	Agricultural, urban and exotic vegetation	9	0.03	1.07	409	<0.01	2.16	0.05	613.05	30.77
		Dry eucalypt forest and woodland	464	2.92	3.17	2989	<0.01	15.53	0.27	4445.10	112.31
		Moorland, sedgeland, rushland and peatland	150	2.50	2.61	511	<0.01	29.37	1.48	1832.28	142.66
		Native grassland	2	0.16	0.19	119	<0.01	1.79	0.28	42.77	5.14
		Non eucalypt forest and woodland	5	0.23	1.17	86	<0.01	5.77	0.57	294.82	32.31



Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
	2018	Scrub, heathland and coastal complexes	102	1.99	4.58	496	<0.01	20.61	0.71	5106.22	243.12
		Agricultural, urban and exotic vegetation	3	0.01	0.40	457	<0.01	0.73	0.06	25.77	2.33
		Dry eucalypt forest and woodland	533	3.35	3.64	3073	<0.01	17.33	0.27	3365.23	110.34
		Moorland, sedgeland, rushland and peatland	132	2.20	2.29	889	<0.01	14.84	1.63	1229.54	71.22
		Native grassland	2	0.15	0.18	121	<0.01	1.65	0.12	24.62	3.95
		Non eucalypt forest and woodland	2	0.11	0.56	70	<0.01	3.38	0.35	104.78	13.75
		Scrub, heathland and coastal complexes	69	1.34	3.08	618	<0.01	11.11	0.90	1047.32	66.43
12. 2.5% treatable fuels on public land only (State)	2014	Agricultural, urban and exotic vegetation	4	0.02	0.51	847	<0.01	0.50	0.05	36.12	2.12
		Dry eucalypt forest and woodland	274	1.72	1.87	3990	<0.01	6.86	0.14	3856.55	75.46
		Moorland, sedgeland, rushland and peatland	16	0.27	0.28	227	<0.01	7.11	0.87	136.19	17.59
		Native grassland	2	0.16	0.19	147	<0.01	1.46	0.14	76.38	6.70
		Non eucalypt forest and woodland	4	0.19	0.94	118	<0.01	3.38	0.19	124.58	14.15
		Scrub, heathland and coastal complexes	72	1.40	3.22	394	<0.01	18.22	0.61	2676.79	147.04
	2015	Agricultural, urban and exotic vegetation	2	0.01	0.20	438	<0.01	0.38	0.05	25.82	1.49

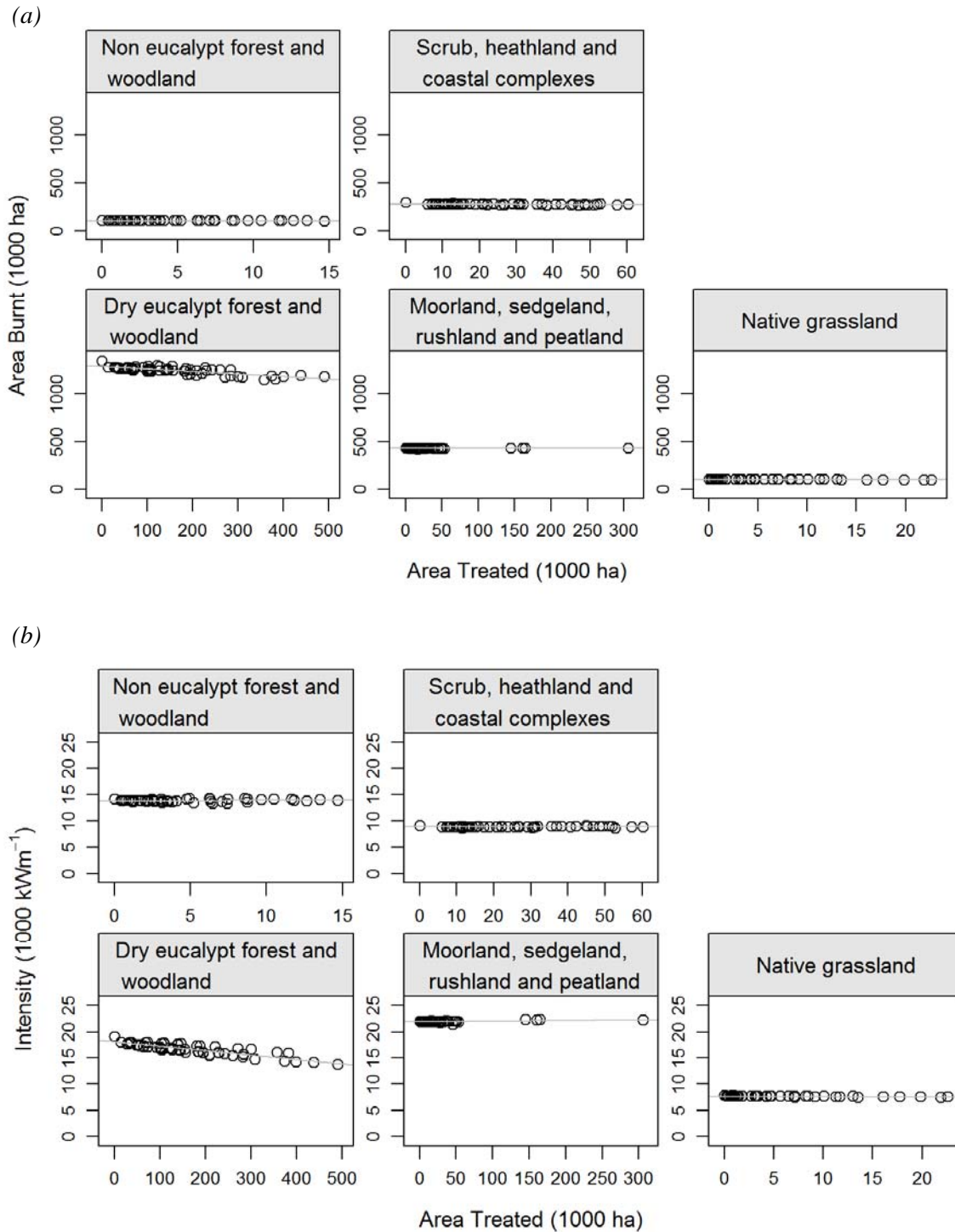
Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Dry eucalypt forest and woodland	367	2.31	2.51	2621	<0.01	14.01	0.25	1998.82	78.28
		Moorland, sedgeland, rushland and peatland	12	0.21	0.22	175	<0.01	7.11	1.14	146.25	20.48
		Native grassland	2	0.14	0.17	140	<0.01	1.37	0.19	56.40	5.77
		Non eucalypt forest and woodland	1	0.04	0.19	55	<0.01	1.45	0.03	25.60	4.26
		Scrub, heathland and coastal complexes	11	0.21	0.49	231	<0.01	4.71	0.51	181.36	19.74
	2016	Agricultural, urban and exotic vegetation	2	0.01	0.29	387	<0.01	0.61	0.04	60.40	3.50
		Dry eucalypt forest and woodland	271	1.71	1.85	2158	<0.01	12.56	0.20	3376.40	100.83
		Moorland, sedgeland, rushland and peatland	34	0.57	0.59	227	<0.01	15.02	1.64	1065.50	77.16
		Native grassland	2	0.18	0.23	136	<0.01	1.84	0.20	67.79	7.74
		Non eucalypt forest and woodland	11	0.51	2.56	53	<0.01	20.48	0.19	1022.41	140.30
		Scrub, heathland and coastal complexes	25	0.49	1.12	241	<0.01	10.34	0.76	1424.82	93.97
	2017	Agricultural, urban and exotic vegetation	2	0.01	0.28	421	<0.01	0.54	<0.01	51.92	3.00
		Dry eucalypt forest and woodland	358	2.25	2.44	1666	<0.01	21.46	0.37	4576.56	164.62
		Moorland, sedgeland, rushland and peatland	48	0.80	0.84	268	<0.01	17.98	1.31	1354.22	92.64
		Native grassland	0	0.02	0.03	76	<0.01	0.40	0.17	4.61	0.71

Treatment plan type	Year	Vegetation type	Area treated			Summary statistics of the sizes of treatment blocks (ha)					
			Area (km <sup>2</sup> )	Total area (%)	Percentage of maximal area	Number of treatment blocks	Minimum	Median	Mean	Maximum	s.d.
		Non eucalypt forest and woodland	5	0.25	1.27	43	<0.01	12.51	0.16	275.67	46.73
		Scrub, heathland and coastal complexes	16	0.31	0.72	310	<0.01	5.21	0.56	383.51	26.32
	2018	Agricultural, urban and exotic vegetation	2	0.01	0.28	389	<0.01	0.58	0.07	28.20	2.18
		Dry eucalypt forest and woodland	272	1.71	1.86	1145	<0.01	23.74	0.27	4057.28	166.51
		Moorland, sedgeland, rushland and peatland	35	0.58	0.61	143	<0.01	24.35	1.54	1179.46	109.24
		Native grassland	1	0.06	0.07	86	<0.01	0.89	0.22	25.08	3.13
		Non eucalypt forest and woodland	1	0.05	0.28	20	<0.01	5.90	0.33	103.29	22.95
		Scrub, heathland and coastal complexes	5	0.10	0.23	131	<0.01	3.90	0.72	51.39	8.23

**Table S2. Distribution of simulated maximum intensities in each vegetation type for the maximal and null treatment scenario**

Although only six of the TASVEG vegetation types are treated by prescribed burning (bold) there are effects on fire intensity on the remaining vegetation types that are not considered treatable

Vegetation type	Treatment Scenario	Summary statistics of simulated intensities (kW m <sup>-1</sup> )					
		Minimum	1st quartile	Median	Mean	3rd quartile	Maximum
<b>Agricultural, urban and exotic vegetation</b>	Null	7	3755	6110	7056	9146	119500
	Maximal	3	3314	5846	6605	8816	119500
<b>Dry eucalypt forest and woodland</b>	Null	11	5323	12580	18160	23090	170300
	Maximal	5	240.5	816	3170	3430	101100
Highland and treeless vegetation	Null	159	3369	5902	11630	10960	233700
	Maximal	1	2959	5093	7595	9061	59390
<b>Moorland, sedgeland, rushland and peatland</b>	Null	31	9307	15240	21640	26700	277300
	Maximal	3	94	1517	3773	5621	29110
<b>Native grassland</b>	Null	17	3532	6199	7781	9893	47340
	Maximal	61	775.5	1631	3683	3700	35460
<b>Non eucalypt forest and woodland</b>	Null	18	2138	6292	15360	18110	197600
	Maximal	29	1616	4942	14980	19330	198200
Other natural environments	Null	18	485.2	2452	6626	7200	112500
	Maximal	18	244	1557	5414	3368	86470
Rainforest and related scrub	Null	5	1294	3613	7367	7879	166100
	Maximal	5	1162	2996	6890	7144	102900
Saltmarsh and wetland	Null	1202	3486	6190	6031	8622	9914
	Maximal	6370	7534	8699	8005	8823	8947
<b>Scrub, heathland and coastal complexes</b>	Null	3	2586	5752	9066	10990	102000
	Maximal	1	484	4824	8623	9268	102000
Wet eucalypt forest and woodland	Null	53	9570	21140	31210	41700	221600
	Maximal	4	7794	19100	28780	38510	204000



**Fig. S1.** Scatterplots of area treated to (a) area burnt, and (b) average maximum intensity in all burnt landscape cells for five of the six vegetation type treatable with prescribed burning (non-native vegetation had too small of an area treated to reliably calculate leverage). These data were used to calculate (a) burnt-area leverage and (b) intensity leverage in each of the treatable vegetation types. The leverage metrics were calculated as the negative slope of a linear model (grey line). Each point represents one of the 12 treatment plans in a given year (see Table S1).

## **References**

Richards R, Ferguson S, Cornish K, Whight S, Williamson G (2014) 'Bushfire in Tasmania: a New Approach to Reducing our Statewide Relative Risk.' (State Fire Management Council: Hobart, Tas., Australia)