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Wildlife Research

Supplementary Material

Factors influencing the activity ranges of feral pigs (*Sus scrofa*) across four sites in eastern Australia

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Supplementary Information

Supplementary Table S1: Details of pigs collared across all sites

Pig ID	Site	Sex	Weight (kg)	Capture Date	Days collared	GPS points	MCP90 (km ²)	MCP50 (km ²)	k-LoCoH90 (km ²)	k-LoCoH50 (km ²)	k value	Most active FPC group (%)
Arcadia_Pig03	Arcadia	Female	67.2	01-Jul-19	325	13625	36.9	10.5	13.2	1.8	default	21 - 30
Arcadia_Pig10	Arcadia	Male	82.8	15-May-17	193	8769	51.6	26.4	18.4	1.2	default	31 - 40
Arcadia_Pig18	Arcadia	Male	86.6	18-May-17	230	10692	91.3	35.5	55.0	7.0	default + 7	21 - 30
Arcadia_Pig19	Arcadia	Female	67.8	19-May-17	607	27076	27.9	8.7	16.2	1.9	default + 5	31 - 40
Arcadia_Pig20	Arcadia	Female	68	22-May-17	1241	56823	41.2	10.8	19.0	3.7	default + 7	11 - 20
Arcadia_Pig21	Arcadia	Male	70.2	22-May-17	45	2073	35.0	9.8	6.0	1.4	default	51 - 60
Arcadia_Pig23	Arcadia	Male	85	23-May-17	126	5649	183.5	29.3	25.2	0.8	default	31 - 40
Arcadia_Pig24	Arcadia	Male	55.4	10-Oct-17	30	1363	7.8	1.6	3.5	0.0	default	41 - 50
Arcadia_Pig25	Arcadia	Female	42	10-Oct-17	482	21866	23.8	7.1	10.3	0.5	default	1 - 10
Arcadia_Pig28	Arcadia	Male	46	11-Oct-17	269	12150	51.3	11.0	12.1	0.7	default	21 - 30
Arcadia_Pig29	Arcadia	Female	70.6	12-Oct-17	189	8585	41.5	12.9	11.8	1.0	default	21 - 30
Arcadia_Pig30	Arcadia	Female	45.2	13-Oct-17	81	3687	2.8	0.4	0.3	0.0	default	21 - 30
Arcadia_Pig32	Arcadia	Female	65.8	08-Mar-18	626	28543	75.4	16.3	31.4	3.6	default	11 - 20
Arcadia_Pig33	Arcadia	Male	58.8	08-Mar-18	471	21580	53.4	25.0	22.1	3.5	default	21 - 30
Arcadia_Pig34	Arcadia	Male	71.4	08-Mar-18	542	24191	124.4	60.6	40.8	3.8	default	61 - 70
Arcadia_Pig35	Arcadia	Male	70.6	08-Mar-18	57	2589	15.2	6.6	3.8	0.3	default	31 - 40
Arcadia_Pig36	Arcadia	Female	72.2	09-Mar-18	134	6174	18.1	2.0	3.4	0.3	default	11 - 20
Arcadia_Pig37	Arcadia	Female	58	09-Mar-18	315	14468	31.5	10.4	8.0	0.5	default + 5	11 - 20
Arcadia_Pig38	Arcadia	Female	82.8	25-Nov-18	184	8300	21.6	8.6	9.8	0.2	default	41 - 50
Arcadia_Pig39	Arcadia	Male	50.6	28-Nov-18	134	6044	100.7	25.6	23.8	1.5	default	31 - 40
Arcadia_Pig41	Arcadia	Female	46.2	25-Nov-18	782	32742	18.4	5.7	3.4	0.1	default	61 - 70
Arcadia_Pig42	Arcadia	Male	79	30-Nov-18	161	7297	70.2	15.1	12.0	1.1	default	51 - 60
Arcadia_Pig49	Arcadia	Male	101	02-Jul-19	85	3864	49.5	8.8	29.0	0.9	default	21 - 30

Supplementary Table S1 (continued): Details of pigs collared across all sites.

Pig ID	Site	Sex	Weight (kg)	Capture Date	Days collared	GPS points	MCP5				k value	Most active FPC group (%)
							MCP90 (km ²)	0 (km ²)	k-LoCoH90 (km ²)	k-LoCoH50 (km ²)		
Arcadia_Pig69	Arcadia	Female	72.2	04-Jul-19	504	22711	14.1	2.4	2.2	0.1	default + 7	61 - 70
Arcadia_Pig72	Arcadia	Female	70	06-Nov-20	72	3315	2.5	1.4	1.0	0.1	default	1 - 10
Arcadia_Pig73_1	Arcadia	Male	65	11-Nov-19	374	16833	43.3	14.5	17.9	1.0	default	31 - 40
Arcadia_Pig73_2	Arcadia	Male	89.4	03-Nov-20	75	3043	10.2	2.3	4.0	0.0	default	41 - 50
Arcadia_Pig74	Arcadia	Female	44	12-Nov-19	88	3939	7.4	2.3	2.4	0.3	default	31 - 40
Arcadia_Pig75	Arcadia	Male	53	12-Nov-19	55	2435	16.4	2.3	4.6	0.2	default	21 - 30
Arcadia_Pig76	Arcadia	Male	100	15-Nov-19	127	5630	170.4	35.2	12.0	0.3	default	41 - 50
Arcadia_Pig77	Arcadia	Male	107.8	16-Nov-19	379	17257	242.3	59.9	46.8	1.3	default	21 - 30
Downfall_Pig73	Downfall	Female	51.1	18-Jan-18	714	32452	3.8	0.8	1.7	0.2	default	1 - 10
Downfall_Pig74	Downfall	Male	52.4	18-Jan-18	843	35227	24.9	14.9	11.6	1.0	default	51 - 60
Downfall_Pig75	Downfall	Male	78	22-Dec-17	303	13986	57.7	22.9	15.4	1.2	default	31 - 40
Downfall_Pig79	Downfall	Male	43.8	13-Dec-17	639	22973	179.9	54.0	22.8	2.7	default	31 - 40
Downfall_Pig83	Downfall	Male	54.6	29-Jun-17	593	25437	42.2	15.7	19.6	0.6	default	41 - 50
Downfall_Pig85	Downfall	Female	49	28-Jun-17	1055	47931	29.1	11.6	18.0	2.4	default	41 - 50
Downfall_Pig91	Downfall	Female	61.2	27-Jun-17	884	38946	32.3	13.2	14.1	2.1	default	51 - 60
Downfall_Pig92	Downfall	Male	90.8	27-Jun-17	40	1687	14.3	3.8	3.0	0.4	default	51 - 60
Downfall_Pig93	Downfall	Male	80.6	26-Jun-17	651	29233	39.4	14.5	17.4	1.6	default + 7	41 - 50
Downfall_Pig94	Downfall	Female	65.4	26-Jun-17	818	26787	18.2	5.5	6.1	1.1	default	41 - 50
Downfall_Pig95	Downfall	Female	46.2	22-Jun-17	397	17935	38.5	14.0	7.4	0.8	default	41 - 50
Gebar_Pig01	Gebar	Male	27	25-Oct-17	669	12793	1.9	1.6	0.2	0.0	default	1 - 10
Gebar_Pig02	Gebar	Female	30	25-Oct-17	641	17337	0.2	0.1	0.1	0.0	default	21 - 30
Gebar_Pig03	Gebar	Male	28.6	26-Oct-17	296	3435	0.4	0.2	0.2	0.0	default	1 - 10
Gebar_Pig04	Gebar	Male	30	26-Oct-17	670	12139	0.6	0.1	0.2	0.0	default	1 - 10
Palerang_Pig01	Palerang	Male	75.6	19-May-20	392	17247	48.1	13.8	17.8	1.9	default	1 - 10
Palerang_Pig03	Palerang	Male	35.4	19-May-20	396	18193	31.2	16.0	5.4	0.7	default + 5	1 - 10

Supplementary Table S1 (continued): Details of pigs collared across all sites. * insignificant selection of habitat

Pig ID	Site	Sex	Weight (kg)	Capture Date	Days collared	GPS points	MCP90 (km²)	MCP5 0 (km²)	k-LoCoH90 (km²)	k-LoCoH50 (km²)	k value	Most active FPC group (%)
Palerang_Pig04	Palerang	Female	55.6	20-May-20	501	21980	4.0	0.4	1.0	0.0	default	31 – 40
Palerang_Pig05	Palerang	Male	71	20-May-20	221	9717	23.6	7.1	4.9	0.2	default	31 - 40
Palerang_Pig06	Palerang	Male	81.6	21-May-20	391	17093	14.3	2.5	7.2	0.5	default	31 - 40
Palerang_Pig07	Palerang	Female	39.8	21-May-20	394	18210	2.7	1.0	1.2	0.1	default	1 - 10
Palerang_Pig08	Palerang	Male	80.2	21-May-20	46	2122	45.5	22.6	0.5	0.0	default	31 - 40
Palerang_Pig09	Palerang	Male	100.2	22-May-20	61	2680	5.6	2.3	2.1	0.1	default	*
Palerang_Pig10	Palerang	Female	41	22-May-20	392	17899	1.5	0.2	0.9	0.1	default	41 - 50
Palerang_Pig11	Palerang	Female	63.2	22-Jul-20	454	20059	6.1	1.7	2.4	0.1	default	31 - 40
Palerang_Pig12	Palerang	Male	69	22-Jul-20	323	14084	12.7	6.1	5.7	0.6	default	31 - 40
Palerang_Pig24	Palerang	Female	50	13-Sep-20	278	12667	2.2	0.8	1.6	0.2	default + 5	21 - 30
Palerang_Pig25	Palerang	Male	75.8	13-Sep-20	126	5457	2.9	0.3	1.5	0.1	default	41 - 50