

Table 14. Comparison of radio-collared adult (≥ 3.5 years) male grizzly bear (*Ursus arctos*) home range sizes in northwestern Alaska during 1986 through 1990 as determined by four methods of calculation.

Bear ID	Age at capture	Period of coverage	n	Home range size by method (km ²)			
				Convex polygon	Concave polygon	95% ellipse	Harmonic mean (80%) ^a
003	7.5	05/86–09/86	38	2,183.4	228.9	3,850.3	995.6
007	8.5	06/86–09/87	13	243.0	1.2	627.8	40.8
010	11.5	06/86–06/88	21	527.6	5.4	1,264.7	87.0
024	8.5	06/86–08/87	13	1,281.4	0.3	4,849.1	360.4
031	4.5	06/86–09/89	12	1,065.6	0.0	5,446.9	104.8
034	5.5	05/86–06/88	28	1,138.0	38.1	2,505.0	252.6
035	5.5	06/86–10/87	12	1,885.6	23.1	6,208.8	483.8
040	7.5	06/86–05/89	36	915.2	85.1	1,806.2	282.8
042	4.5	06/86–05/89	39	1,802.0	120.4	3,156.9	798.0
045	8.5	06/86–07/87	16	1,774.6	87.5	5,568.2	236.9
046	8.5	06/88–05/89	37	999.6	68.4	1,615.7	395.3
056	6.5	05/87–05/89	26	4,341.6	99.3	13,170.0	751.0
064	15.5	05/87–08/88	23	519.5	80.8	1,269.5	168.0
072	6.5	06/87–05/89	17	1,421.3	50.6	3,460.0	368.3
073	5.5	06/87–06/88	12	1,458.0	130.6	5,883.8	124.3
\bar{x}				1,437	68.0	4,046	363.3
SD				973	62.8	3,138	284.3
Median				1,281	68.4	3,460	282.8

^aIf more than one contour was defined, only the largest contour was reported here.