

Table 11. Relative frequencies (SE) of use of compass aspects by radio-collared grizzly bears (*Ursus arctos*) by sex and family status in northwestern Alaska, 1986–1990.

Sex/family status ^b	Aspect											n	Number of bears
	Flat	Gully	Ridge	N	NE	E	SE	S	SW	W	NW		
Females without young	0.440 (0.042)	0.057 (0.010)	0.037 (0.010)	0.027 (0.007)	0.034 (0.007)	0.053 (0.012)	0.085 (0.012)	0.094 (0.015)	0.059 (0.011)	0.075 (0.011)	0.041 (0.010)	564	36
Females with COY	0.299 (0.0441)	0.050 (0.016)	0.050 (0.019)	0.092 (0.020)	0.050 (0.012)	0.084 (0.019)	0.107 (0.021)	0.100 (0.021)	0.038 (0.010)	0.096 (0.017)	0.035 (0.009)	261	29
Females with yearlings	0.424 (0.070)	0.054 (0.025)	0.036 (0.012)	0.063 (0.020)	0.063 (0.016)	0.098 (0.024)	0.049 (0.015)	0.054 (0.019)	0.085 (0.016)	0.036 (0.011)	0.040 (0.013)	224	27
Males	0.490 (0.043)	0.078 (0.016)	0.043 (0.014)	0.024 (0.008)	0.014 (0.006)	0.049 (0.011)	0.068 (0.016)	0.095 (0.012)	0.049 (0.014)	0.065 (0.013)	0.027 (0.006)	370	23
Pooled	0.424	0.061	0.041	0.044	0.036	0.065	0.079	0.089	0.056	0.036	0.070	1,419	
Significance ^b (<i>P</i> < 0.05)	1–2 2–4			1–2 2–4	1–4 2–4 3–4		2–3		2–3	1–3 2–3			

^a Cubs-of-the-year.

^b 1 = Females without young; 2 = Females with COY; 3 = Females with yearlings; 4 = Males.