Supplementary file 2: Contingency tables

Niemi et al. 2015: Traffic mortality of four ungulate species in southern Finland

Table 1. A contingency table used in the analysis of collision rates (observed number of collisions vs. expected numbers of collisions).

Species	Number of collisions (%)	Number of non-struck individuals (%)*	Total
White-tailed deer			
Counted values	245 (8.0)	2801 (92.0)	3046 (100.0)
Excepted values	181 (5.9)	1865 (94.1)	3046 (100.0)
Moose			
Counted values	118 (6.5)	1704 (93.5)	1822 (100.0)
Excepted values	108 (5.9)	1714 (94.1)	1822 (100.0)
Roe deer			
Counted values	75 (3.9)	1862 (96.1)	1937 (100.0)
Excepted values	115 (5.9)	1822 (94.1)	1937 (100.0)
Fallow deer			
Counted values	40 (3.2)	1216 (96.8)	1256 (100.0)
Excepted values	75 (6.0)	1182 (94.0)	1256 (100.0)
Total			
Counted values	478 (6.3)	7583 (93.7)	8061 (100.0)
Excepted values	478 (6.3)	7583 (93.7)	8061 (100.0)

*Size of winter population based on annual snow track censuses (individuals) – number of collisions

Table 2. A contingency table used in the analysis of traffic mortality rate (observed number of road-killed individuals vs. expected numbers of road-killed animals).

Species	Number of road-killed individuals (%)	Number of non-struck individuals (%)*	Total
White-tailed deer			
Counted values	198 (6.5)	2848 (93.5)	3046 (100.0)
Excepted values	143 (4.7)	2903 (95.3)	3046 (100.0)
Moose			
Counted values	82 (4.5)	1740 (95.5)	1822 (100.0)
Excepted values	85 (4.7)	1737 (95.3)	1822 (100.0)
Roe deer			
Counted values	72 (3.7)	1865 (96.3)	1937 (100.0)
Excepted values	91 (4.7)	1846 (95.3)	1937 (100.0)
Fallow deer			
Counted values	26 (2.1)	1230 (97.9)	1256 (100.0)
Excepted values	59 (4.7)	1197 (95.3)	1256 (100.0)
Total			
Counted values	378 (4.7)	7683 (95.3)	8061 (100.0)
Excepted values	378 (4.7)	7683 (95.3)	8061 (100.0)

*Size of winter population based on annual snow track censuses (individuals) – number of road-killed individuals