

Table S12. Associative studies on *E. multilocularis* infection in intermediate hosts

Reference	Study Information	Statistical Method	Significant Factor
Leiby et al., 1974 [115]	Parasitological examination of 5,638 <i>Peromyscus maniculatus</i> in North Dakota (EEUU)	Analysis of variance	Age ($p=0.0001$), habitat ($p=0.0002$), season ($p=0.002$), age*season ($p=0.003$) and habitat*season ($p=0.04$)
Gottstein et al., 2001 [114]	Parasitological examination of 513 rodents in Fribourg (Switzerland)	Univariable analysis	Yearly fluctuation of prevalence ($p<0.005$) for <i>Arvicola terrestris</i>
Henttonen et al., 2001 [119]	Parasitological examination of 224 <i>Microtus rossiaemeridionalis</i> in Svalbard (Norway)	Multivariable logistic regression	Overwintered adults ($p<0.001$) and prevalence variation related with body weight and length ($p<0.001$)
Stieger et al., 2002 [102]	Parasitological examination of 1,155 rodents in Zurich (Switzerland)	Univariable analysis	Adults ($p<0.001$) showed higher prevalence and prevalence variation by trapping site ($p=0.019$) for <i>A. terrestris</i>
Hanosset et al., 2008 [93]	Parasitological examination of 1,249 rodents in Wallonia (Belgium)	Univariable analysis	Adult muskrats <i>Ondatra zibethicus</i> ($p=6.56 \times 10^{-6}$) presented higher prevalence
Reperant et al., 2009 [117]	Parasitological examination of 658 rodents in Geneva (Switzerland)	Multivariable logistic regression	Body weight and geographical area ($p<0.0001$) for <i>Arvicola terrestris</i>
Stien et al., 2010 [118]	Parasitological examination of 387 sibling voles in Svalbard (Norway)	Multivariable logistic regression	Sample site and vole length ($p<0.0001$), year of sampling, sample site * year and sample site vole length ($p=0.02$)
Burlet et al., 2011 [116]	Parasitological examination of 856 <i>A. terrestris</i> in Zurich (Switzerland)	Multivariable logistic regression	Age (>7 months), period, area and mean day temperature included in the best-fitting model with the lowest AICc (-244.04)

Measures of association reported when available

(*) Interaction term.

Abbreviations: OR, odds ratio; CI, confidence interval; AICc, Akaike's information criterion corrected for small samples sizes.