Supplementary Table S1. *Model formulas for predicting carriage and intensity level of* C. hepaticum*.*

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| --- | --- | --- | --- |
| Model  | Model formula | AIC | ∆AIC |
| Logistic regression for predicting carriage of *C. hepaticum* | **Age+Valley** | **228.5** | **0** |
| Age+Valley+Sewer | 229.01 | 0.51 |
| Age+Valley+Dogs | 229.39 | 0.89 |
| Age+Valley+Sewer+Dogs | 230.16 | 1.66 |
| Ordinal logistic model formulas predicting intensity level of *C. hepaticum* | **Valley+Cats** | **371.48** | **0** |
| Valley+Cats+Rainfall | 372.21 | 0.73 |
| Valley | 372.42 | 0.94 |
| Valley+Cats+Dogs | 372.67 | 1.19 |
| Valley+Rainfall | 372.92 | 1.44 |
| Valley+Cats+Rainfall+Dogs | 373.51 | 2.03 |