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Title: *Ascaris lumbricoides* and *A. suum* vary in their larval burden in a mouse model

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Supplementary Table S1: Model comparison for liver data. All models in table are zero-inflated negative binomials and have a logit link.

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| --- | --- | --- | --- | --- |
| **No** | **Model** | **Df** | **LogLik** | **AIC** |
| 1 | Count ~ *Ascaris* species + mouse strain + days p.i. | 23 | -672.21 | 1390.417 |
| 2 | Count ~ *Ascaris* species + mouse strain | days p.i. | 13 | -707.40 | 1440.806 |
| 3 | Count ~ *Ascaris* species \* mouse strain + days p.i. | 25 | -671.51 | 1393.029 |
| 4 | Count ~ *Ascaris* species \* mouse strain | days p.i. | 14 | -706.29 | 1440.583 |

Supplementary Table S2: Model comparison for lung data, all models in the table are negative binomials and have a log link.

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| **No** | **Model** | **Df** | **LogLik** | **AIC** |
| 1 | Count ~ *Ascaris* species + mouse strain + days p.i. | 12 | -193.02 | 410.0377 |
| 2 | Count ~ *Ascaris* species \* mouse strain + days p.i. | 13 | -193.01 | 412.0309 |
| 3 | Count ~ *Ascaris* species \* mouse strain \* days p.i. | 37 | -188.96 | 451.9133 |