**S1 Table. Parameters included in all global models and reasons for their potential relevance to ranavirosis occurrence and prevalence**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Defined as:** | ***A priori* justification for inclusion** | **Citations** |
| Frog density | Total frog population size (See S1 Supporting Information for validation) / Total pond volume (Depth x width x length) | Indication of density/frequency dependent transmission | [1]-[5] |
| Toad presence | Presence/Absence | Potential reservoir/host that could result in amplification/dilution | [6],[7] |
| Newt presence | Presence/Absence | Potential reservoir/host that could result in amplification/dilution | [7]-[9] |
| Fish presence | Presence/Absence | Potential reservoir/host that could result in amplification/dilution | [10]-[12] |
| Fish care | Used that year/Not used | Chemicals causing immunosuppression | [13] |
| Herbicides | Used/Not used | Chemicals causing immunosuppression | [13] |
| Slug pellets | Used/Not used | Chemicals causing immunosuppression | [13] |
| Level of urbanisation | Urban/Rural | Human activity/trade/introduced species | [14]-[16] |
| Pond depth | Average depth of garden ponds (m) | Temperature dependent effects | [17] |

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