|  |  |  |
| --- | --- | --- |
| **Trade-off** | **Parameter Combinations** | **Significance** |
| None | and | Generalist and specialist phage are parametrically identical |
| Cost of generalism | or | Generalist and specialist phage differ in their abilities to kill prey |
| Interaction outcome | or    or | Prey species coexistence in the absence of phage is biased or impossible |
| Cost of generalism and interaction outcome | ( and )  or  ( and )  or  ( and )  or  (and )  or  (and )  or  (and ) | Generalist and specialist phage differ in their ability to kill prey and prey species coexistence in the absence of phage is biased or impossible |

**Table 2. Parameter trade-offs tested in our phenomenological model and their biological significance.**