r_{R}^{*} in reservoir host as in spillover host From nested model From zoonotic literature B Monotremata -Monotremata Chiroptera-Chiroptera Eulipotyphla-Peramelemorphia Afrosoricida -Eulipotyphla Hyracoidea-Didelphimorphia Peramelemorphia -· Afrosoricida Didelphimorphia-Hyracoidea Primates-Proboscidea Proboscidea-Pilosa Pilosa-Carnivora Rodentia Carnivora-Rodentia-· Dasyuromorphia Cingulata-Diprotodontia Tubulidentata-Cingulata Perissodactyla-Tubulidentata Dasyuromorphia-Perissodactyla Primates Diprotodontia-. (Cetartiodactyla Cetartiodactyla- \triangle 50 \triangle 100 \triangle 150 Scandentia Scandentia-0.3 9.0 0.9 0.5 0.5 relative spillover virulence, $\alpha_{\rm S}$ (constant tolerance) r *, optimal virus growth rate in reservoir (constant tolerance)