Survey 3  $\mu_{\text{Dog}}$  $\mu_{\text{Pig}}$  $\mu_{\text{T}}$  $\mu_{\text{Cattle}}$  $\mu_{\text{Poultry}}$  $\mu_{\text{Goat/sheep}}$ 1.0 1.0 1.0 1.0 1.0 -1.0 0.5 0.5 0.5 0.5 0.5 0.5 10 10 10 10 0 6  $\beta_{\text{Dog}}$  $\beta_{\text{Cattle}}$  $\beta_{\text{Pig}}$  $\beta_{\text{Goat/sheep}}$ YGoat/sheep γCattle 1.0 1.0 1.0 1.0 1.0 1.0 0.5 0.5 0.5 0.5 0.5 0.5 -10 10 10 10 10 0 6 8 8 6 8 6 8 6 8  $\gamma_{Poultry}$  $\gamma_{\text{Dog}}$  $\gamma_{\mathsf{Pig}}$  $\nu_{\text{Goat/sheep}}$  $\nu_{\text{Cattle}}$  $\nu_{\text{Poultry}}$ Host Goat/sheep 1.0 1.0 1.0 1.0 1.0 1.0 Cattle Poultry 0.5 0.5 0.5 0.5 0.5 0.5 Dog Pig 10 10 10 10 10 6 8 0 6 8 0 6 8 0 6 8 8  $\nu_{\text{Dog}}$  $\nu_{\text{Pig}}$  $\sigma_{\text{Goat/sheep}}$  $\sigma_{\text{Cattle}}$  $\sigma_{\text{Poultry}}$  $\sigma_{\text{Dog}}$ **Passing** proportion 1.0 1.0 1.0 1.0 1.0 1.0 -0.25 0.50 0.5 0.5 -0.5 0.5 0.5 0.5 0.75 1.00 10 10 2 6 8 10 2 6 8 10 6 8 0 6 8 10 0 8 0 6 8 6  $\sigma_{\text{Pig}}$ χGoat/sheep  $\chi_{\text{Cattle}}$  $\chi_{\text{Poultry}}$  $\chi_{\text{Dog}}$ 1.0 1.0 1.0 1.0 1.0 1.0 0.5 0.5 -0.5 0.5 0.5 0.5 10 10 10 2 6 8 0 6 8  $\chi_{\mathsf{Pig}}$ 1.0 0.5 0 6 10 8

Scaling factor for the parameter value