Ratio of variance of parameter estimates for Lotka−Volterra seasonal model

$\sigma = 0.1 \; ; \; \alpha = 2/3 \; ; \; \beta = 4/3 \; ; \; \gamma = 1 \; ; \; \delta = 1 \; ; \; \epsilon = 0.2 \; ; \; \omega = 0.5$