Ratio of variance of parameter estimates for Lotka-Volterra seasonal model σ = 0.1; α = 2/3; β = 4/3; γ = 1; δ = 1; ϵ = 0.2; ω = 0.5; n = 256 1.00 -0.75 -Variance Ratio SLS/NLS Parameter set Linear 0.50 -Non-linear 0.25 -0.00 -High Low Quality of prior information