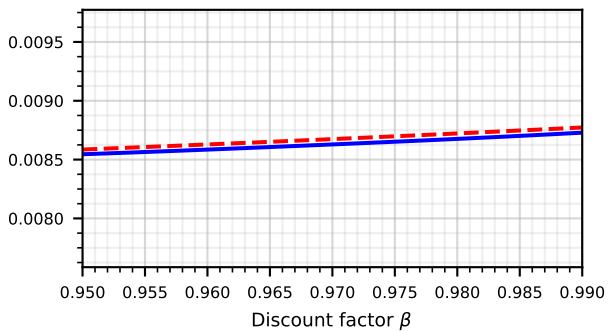
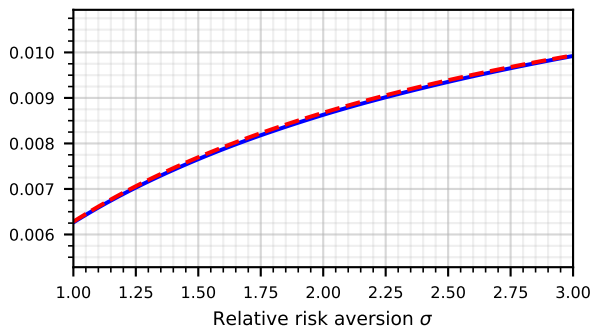
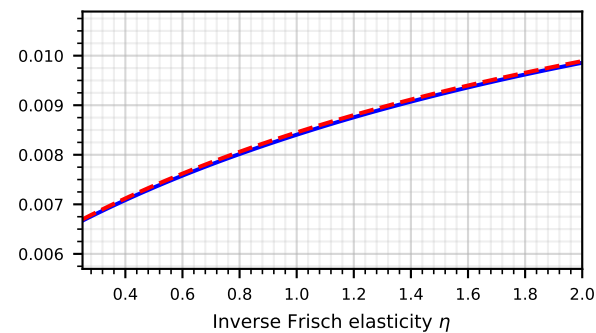
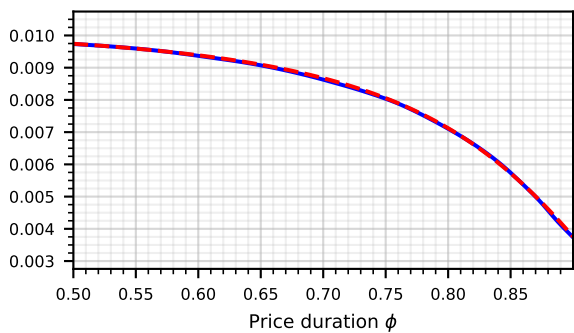
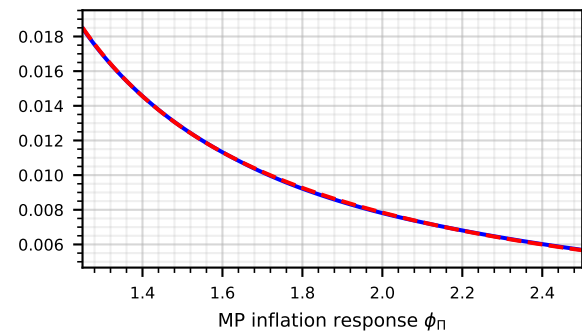
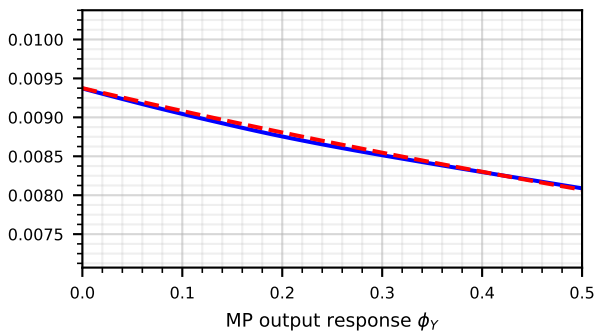
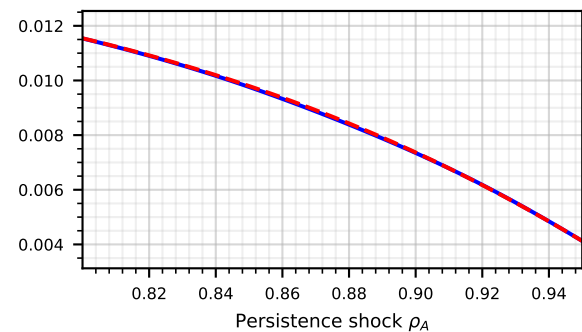


PF \hat{X}_t conditioned on β PF \hat{X}_t conditioned on σ PF \hat{X}_t conditioned on η PF \hat{X}_t conditioned on ϕ PF \hat{X}_t conditioned on ϕ_π PF \hat{X}_t conditioned on ϕ_γ PF \hat{X}_t conditioned on ρ_A PF \hat{X}_t conditioned on σ_A 