e w.r.t change in γ, with fixed $\tilde{g} = 0$, ($\alpha = 1.5$ & $\beta = 1.25$)

Legend:
- Num. Integ.,[Eq. (4)]
- Using Eq. (36) w/ Exact Coeffs., [Eq. (39),(40)]
- Using Eq. (36) w/ Approx. Coeffs. [Eq. (48),(49)]