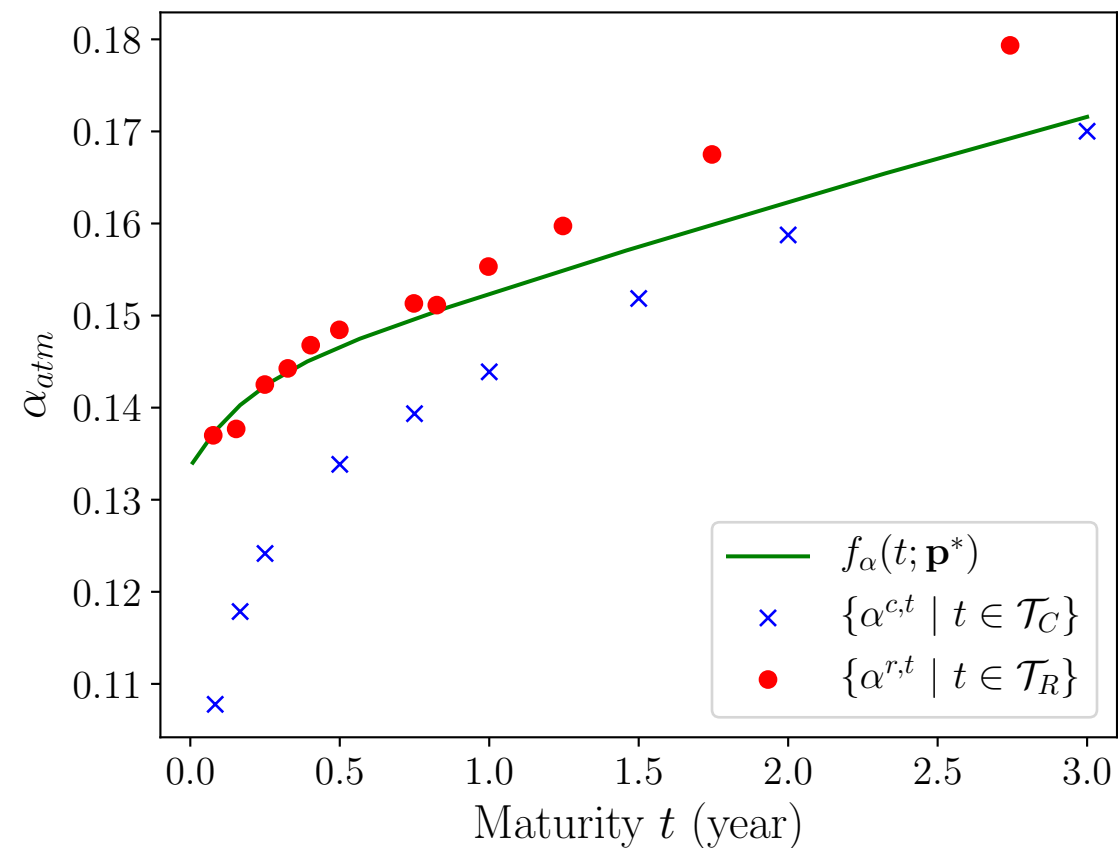
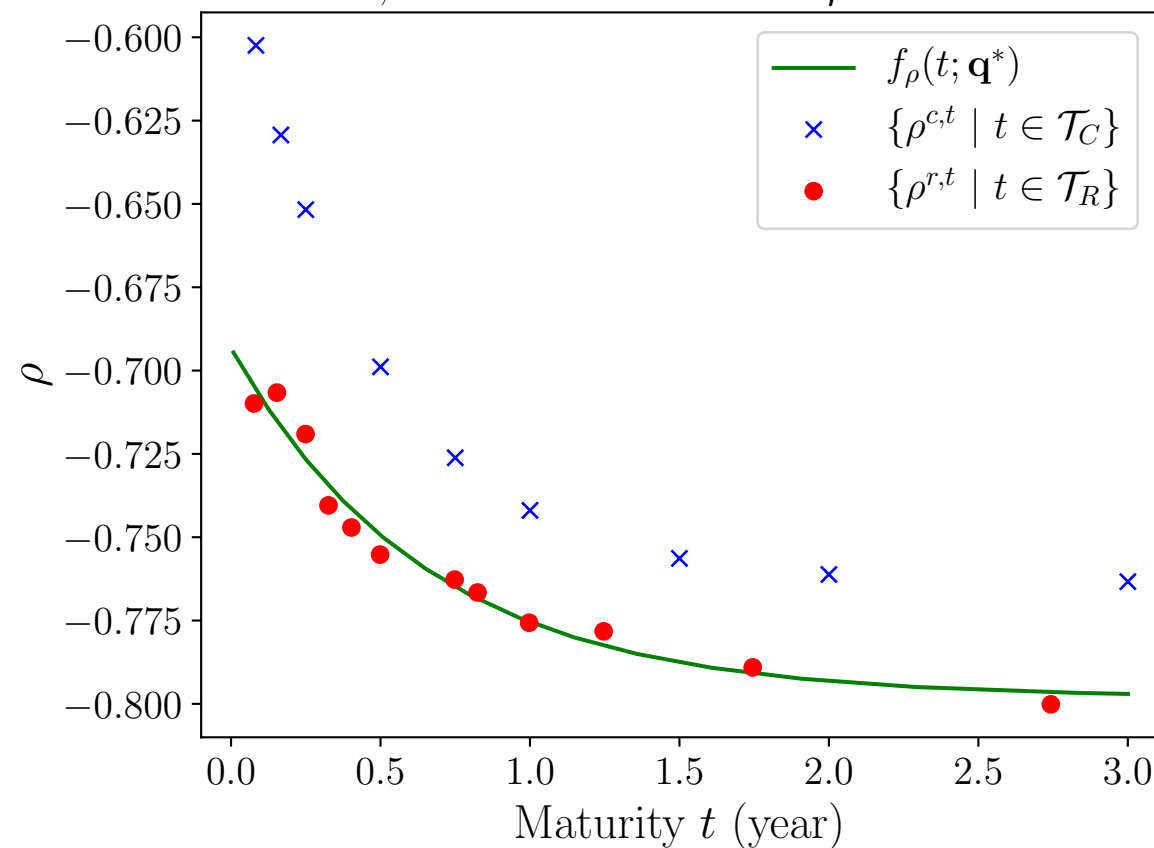


S&P500, Parametric Curve of α_{atm} at 2019-03-22.S&P500, Parametric Curve of ρ at 2019-03-22.S&P500, Parametric Curve of ν at 2019-03-22.