## An Analytical Inquiry into the Growth-Uncertainty Nexus

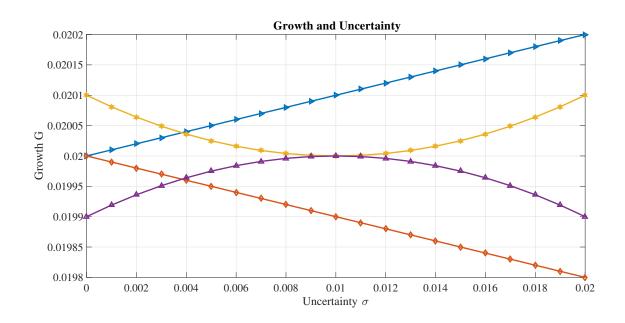
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## Abstract

Will higher uncertainty speed up or slow down growth? Empirical studies suggest four links between growth and uncertainty — their relationship is (i) positive (ii) negative (iii) U-shaped (iv) inverted U-shaped. To account for these conflicting facts, I analytically analyze a two-sector stochastic endogenous growth model. I show that the model can replicate all four patterns; hence shedding analytical light on divergent empirical evidence on the growth-uncertainty nexus.

 $Keywords\colon$  Human Capital, Stochastic Growth, Welfare, Analytical Solution  $J\!E\!L\!\colon I31,\,J24,\,O41$ 



The current version of this paper, slides, and the computer programs are available upon request. My academic webpage is at https://sites.google.com/view/mizukitsuboi/home-page.