

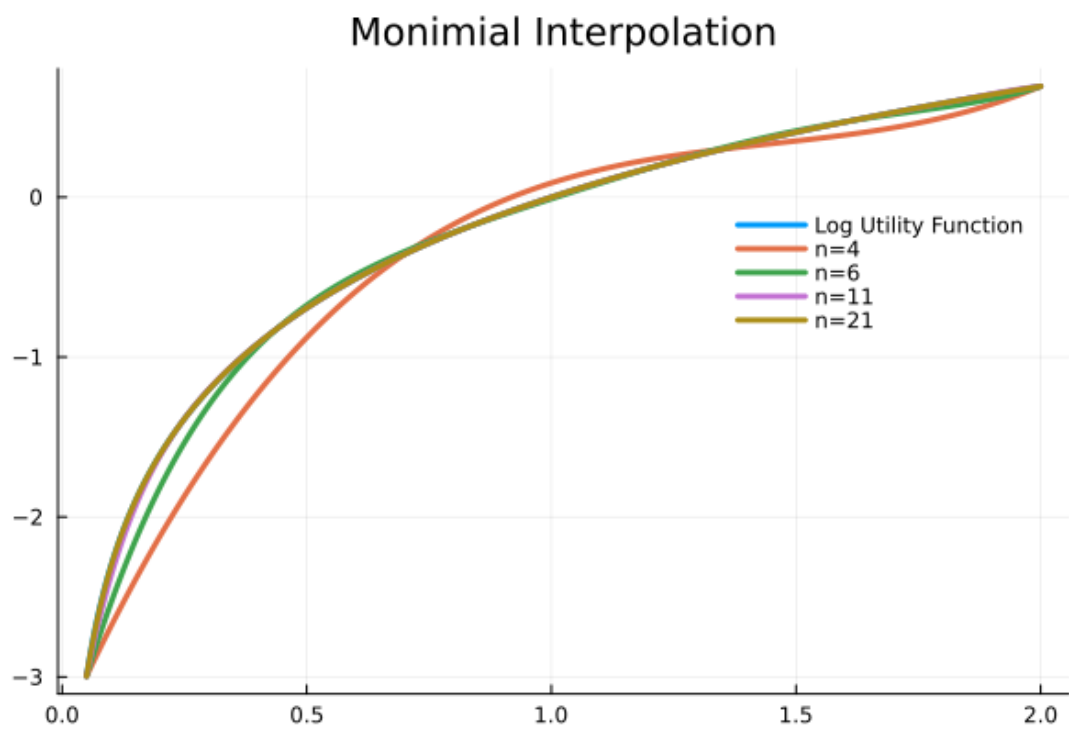
Computational methods in Quantitative Macro

Problem Set 3

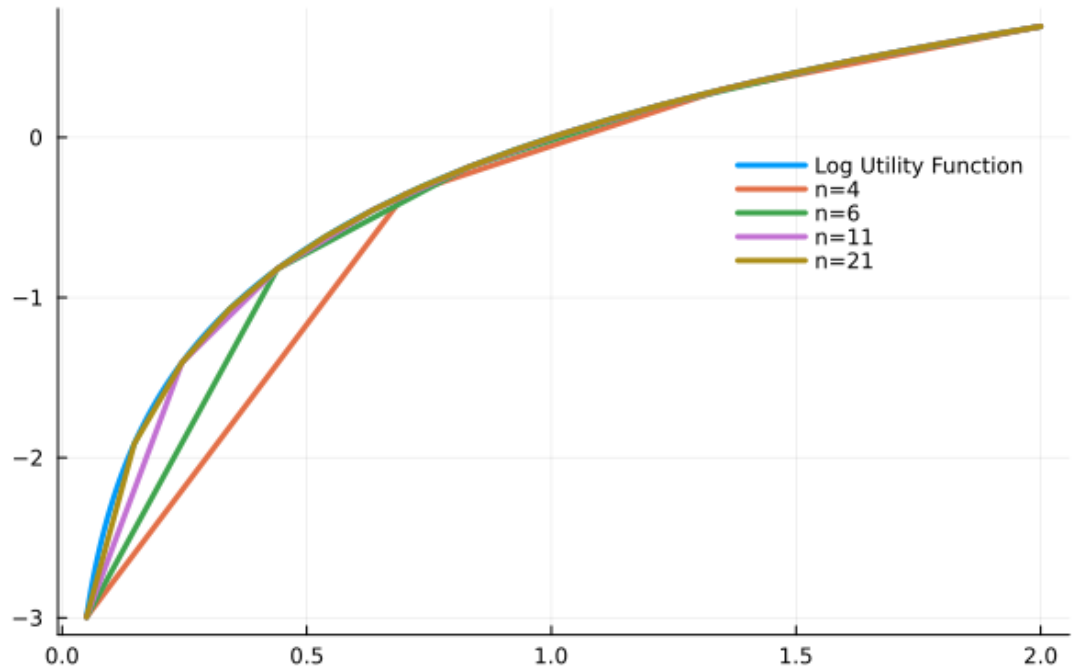
Brice Romuald Gueyap Kounga

February 2023

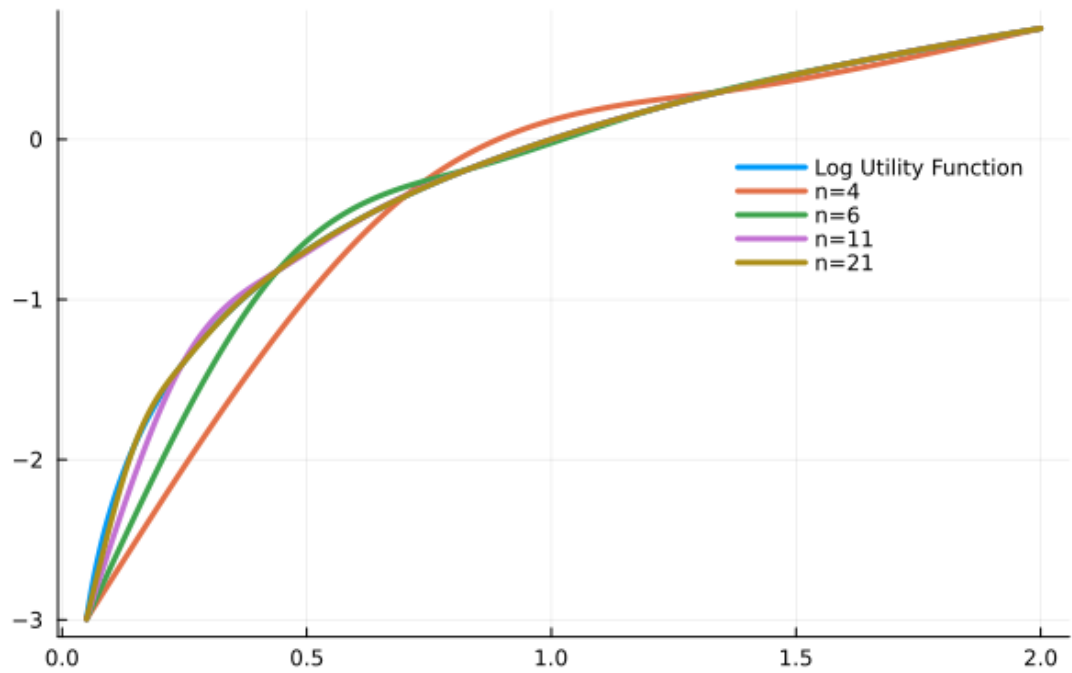
1 Log Utility function: $u(c) = \log(u)$



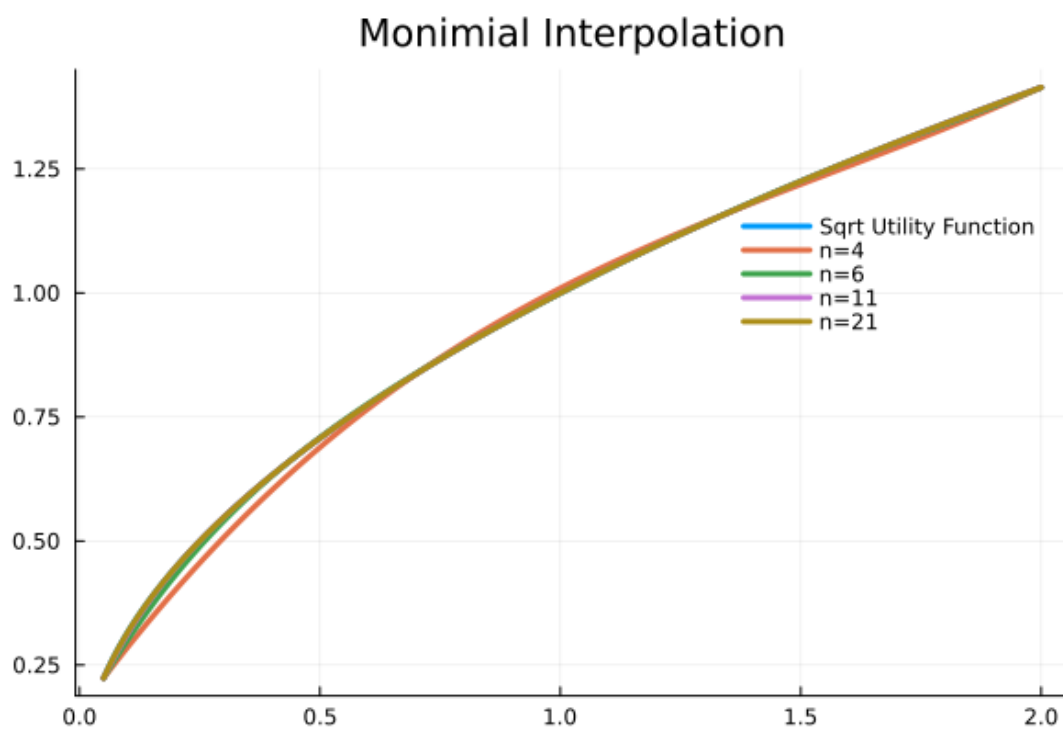
Spline Linear Interpolation



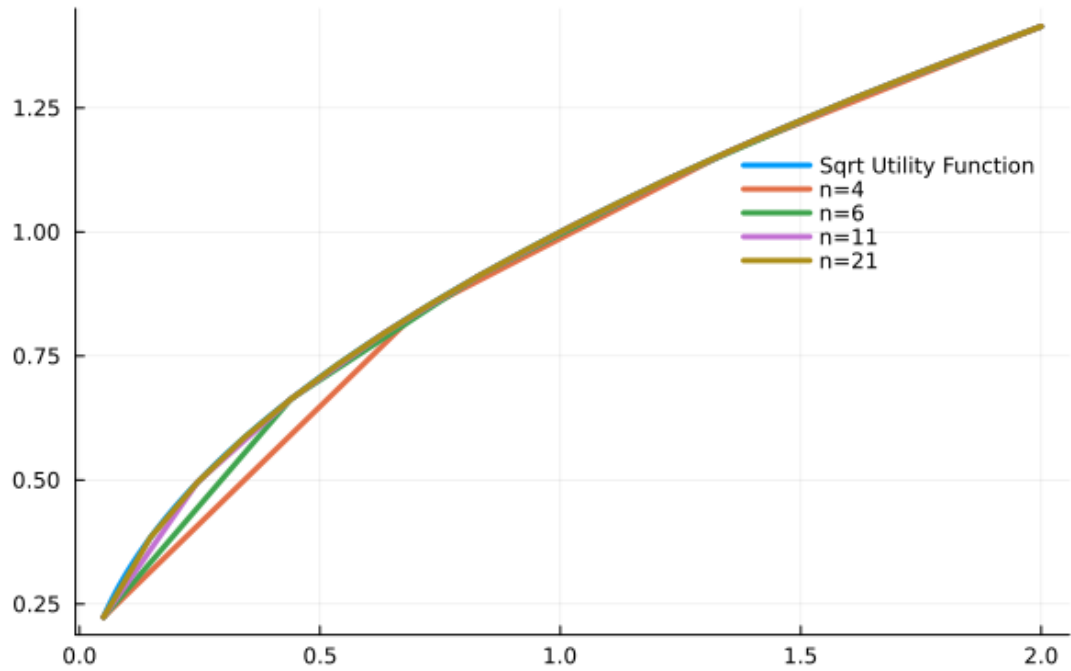
Spline Cubic Interpolation



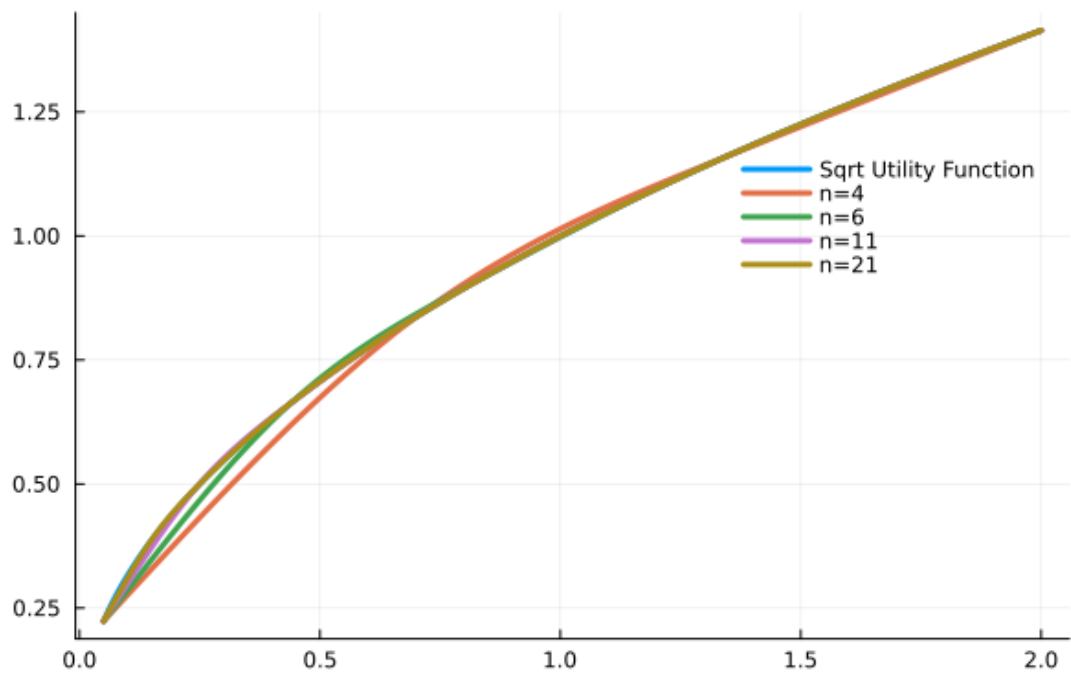
2 Utility function: $u(c) = \sqrt{u}$



Spline Linear Interpolation



Spline Cubic Interpolation



3 CRRA Utility function with $\sigma = 2$: $u(c) = \frac{c^{1-\sigma}}{1-\sigma}$

