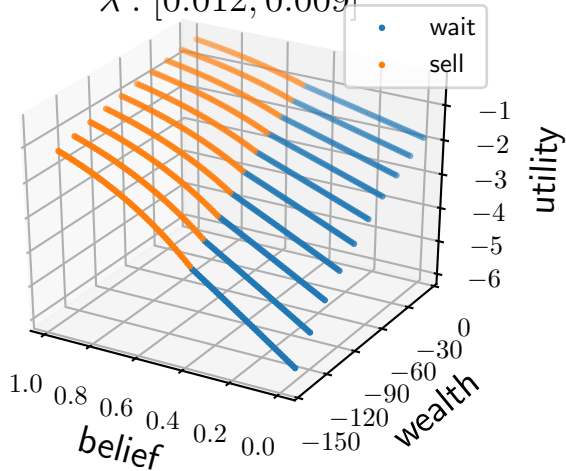Value Functions for Dynamic Exponential Function