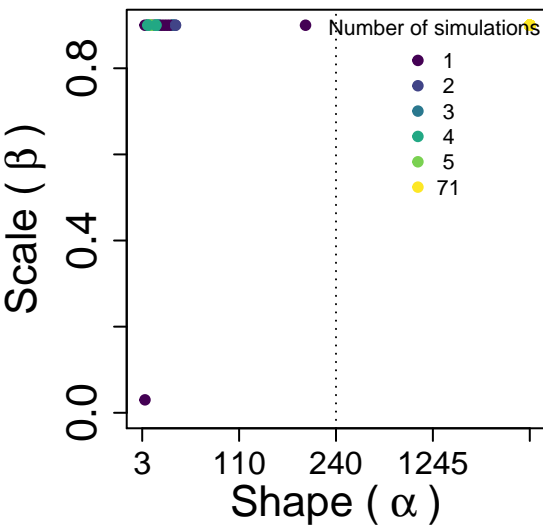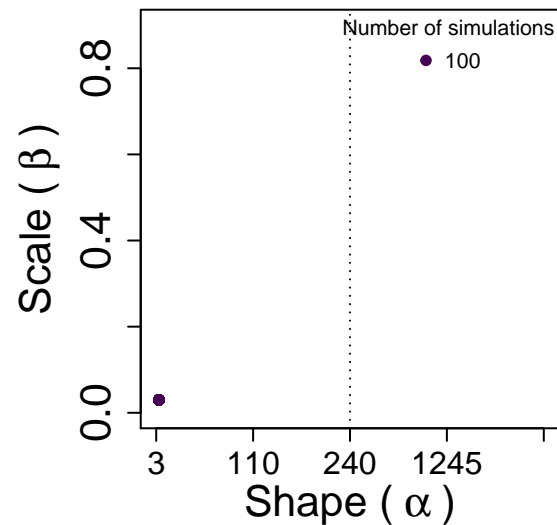**A) Simulation Replicate 1** **B) Simulation Replicate 2** **C) Simulation Replicate 3** **D) Simulation Replicate 4**