Figure 5: Firm Heterogeneity and Innovation Outcomes A) Tier Achievement by Firm Type **B) Investment vs Achievement** 3.0 3.0 2.8 2.8 Final Tier Achieved **Final Tier Achieved** 2.6 2.2 2.2 Startup Big Tech 2.0 2.0 Incumbent 🔵 big tech startup incumbent **Cumulative R&D Investment (\$M)** 1e-146 Firm Type **C) Frontier Innovation Success Rates D) Firm Characteristics Distribution** 100 96.7% 1.0 92.0% 86.7% 80 Tier 3+ Success Rate (%) 8.0 Innovation Efficiency
0.0
7.0
9.0 Startup Big Tech Incumbent 40 20 0.2 0 incumbent 0.2 0.3 0.4 0.5 0.7

0.1

startup

Firm Type

0.6

Risk Tolerance

8.0

big_tech