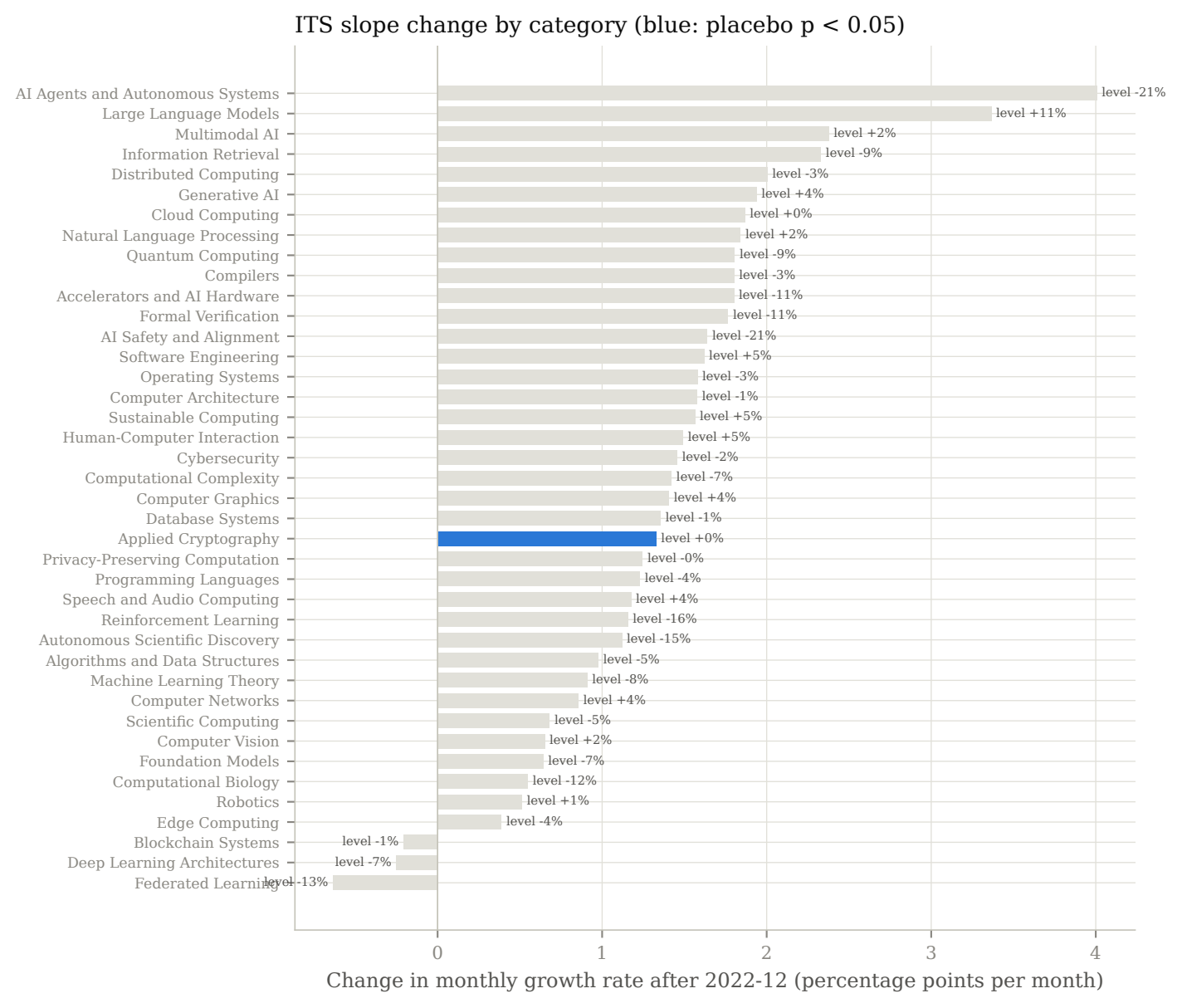

ITS slope change by category (blue: placebo p < 0.05)
AI Agents and Autonomous Systems
Large Language Models
Multimodal AI
Information Retrieval
Distributed Computing
Generative AI
Cloud Computing
Natural Language Processing
Quantum Computing
Compilers
Accelerators and AI Hardware
Formal Verification
AI Safety and Alignment
Software Engineering
Operating Systems
Computer Architecture
Sustainable Computing
Human-Computer Interaction
Cybersecurity
Computational Complexity
Computer Graphics
Database Systems
Applied Cryptography
Privacy-Preserving Computation
Programming Languages
Speech and Audio Computing
Reinforcement Learning
Autonomous Scientific Discovery
Algorithms and Data Structures
Machine Learning Theory
Computer Networks
Scientific Computing
Computer Vision
Foundation Models
Computational Biology
Robotics
Edge Computing
Blockchain Systems
Deep Learning Architectures
Federated Learning
level -21%
level +11%
level +2%
level -9%
level -3%
level +4%
level +0%
level +2%
level -9%
level -3%
level -11%
level -11%
level -21%
level +5%
level -3%
level -1%
level +5%
level +5%
level -2%
level -7%
level +4%
level -1%
level +0%
level -0%
level -4%
level +4%
level -16%
level -15%
level -5%
level -8%
level +4%
level -5%
level +2%
level -7%
level -12%
level +1%
level -4%
level -1%
level -7%
level -13%
0
1
2
3
4
Change in monthly growth rate after 2022-12 (percentage points per month)