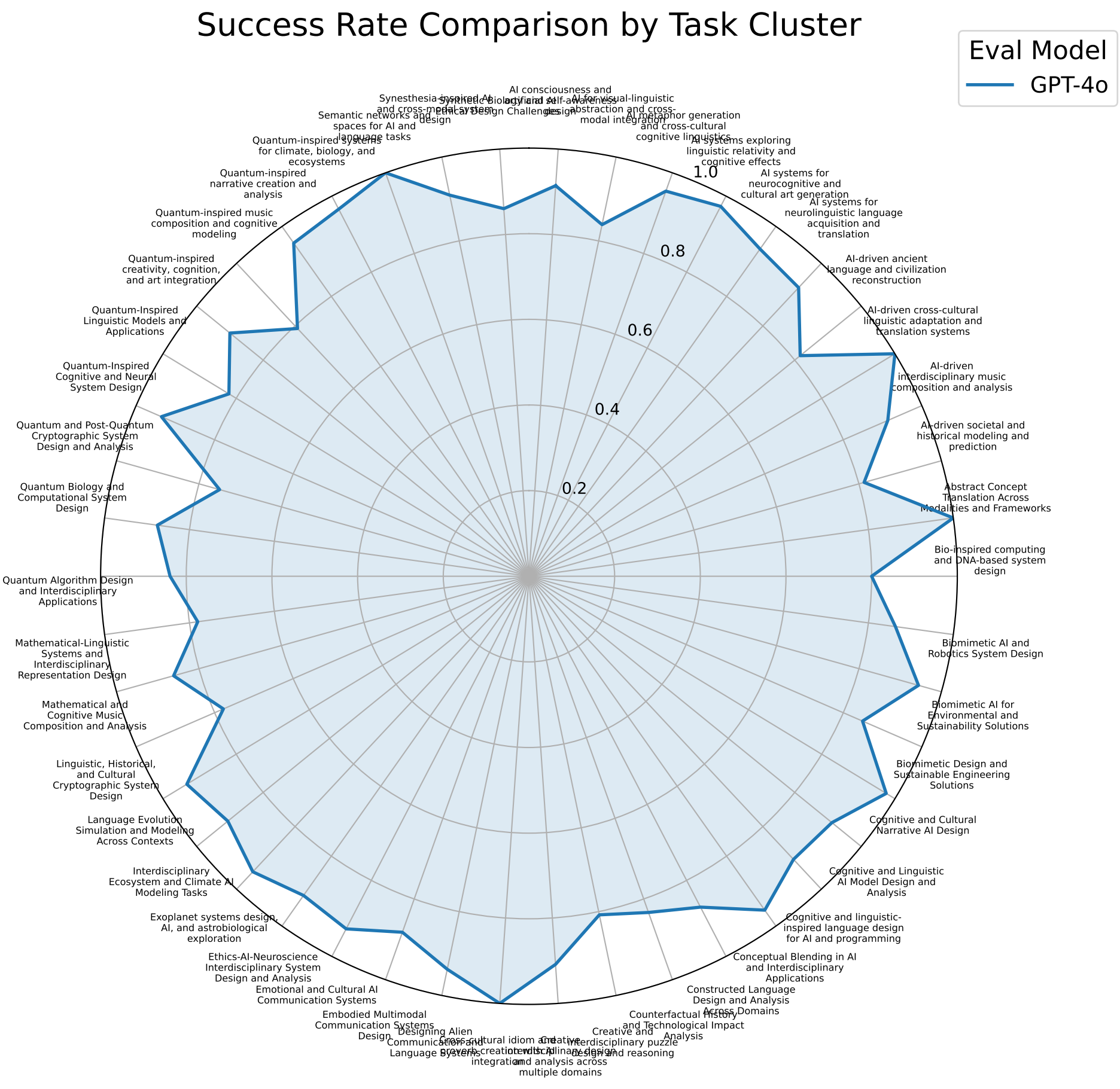
Success Rate Comparison by Task Cluster
Eval Model
GPT-4o
1.0
0.8
0.6
0.4
0.2
AI consciousness and self-awareness
AI for visual-linguistic abstraction and cross-modal integration
AI metaphor generation and cross-cultural cognitive linguistics
AI systems exploring linguistic relativity and cognitive effects
AI systems for neurocognitive and cultural art generation
AI systems for neurolinguistic language acquisition and translation
AI-driven ancient language and civilization reconstruction
AI-driven cross-cultural linguistic adaptation and translation systems
AI-driven interdisciplinary music composition and analysis
AI-driven societal and historical modeling and prediction
Abstract Concept Translation Across Modalities and Frameworks
Bio-inspired computing and DNA-based system design
Biomimetic AI and Robotics System Design
Biomimetic AI for Environmental and Sustainability Solutions
Biomimetic Design and Sustainable Engineering Solutions
Cognitive and Cultural Narrative AI Design
Cognitive and Linguistic AI Model Design and Analysis
Cognitive and linguistic-inspired language design for AI and programming
Conceptual Blending in AI and Interdisciplinary Applications
Constructed Language Design and Analysis Across Domains
Counterfactual History and Technological Impact Analysis
Creative and interdisciplinary puzzle design and reasoning
Cross-cultural idiom and proverb creation with AI integration
Designing Alien Communication and Language Systems
Embodied Multimodal Communication Systems Design
Emotional and Cultural AI Communication Systems
Ethics-AI-Neuroscience Interdisciplinary System Design and Analysis
Exoplanet systems design, AI, and astrobiological exploration
Interdisciplinary Ecosystem and Climate AI Modeling Tasks
Language Evolution Simulation and Modeling Across Contexts
Linguistic, Historical, and Cultural Cryptographic System Design
Mathematical and Cognitive Music Composition and Analysis
Mathematical-Linguistic Systems and Interdisciplinary Representation Design
Quantum Algorithm Design and Interdisciplinary Applications
Quantum Biology and Computational System Design
Quantum and Post-Quantum Cryptographic System Design and Analysis
Quantum-Inspired Cognitive and Neural System Design
Quantum-Inspired Linguistic Models and Applications
Quantum-inspired creativity, cognition, and art integration
Quantum-inspired music composition and cognitive modeling
Quantum-inspired narrative creation and analysis
Quantum-inspired systems for climate, biology, and ecosystems
Semantic networks and spaces for AI and language tasks
Synesthesia-inspired AI and cross-modal systems design
Synthetic Biology and Ethical Design Challenges