

## WHAT CONTROLS COGNITIVE CONTROL?

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Much of human behavior is characterized by the extraordinary ability to quickly reconfigure our mind, inhibit prepotent responses, and switch between different tasks, often referred to as cognitive control. While most psychologists agree on what cognitive control is, we have only a poor understanding of its underlying mechanisms. When defining cognitive control, it is often contrasted with low-level learning. However, this talk will start from the idea that cognitive control functions are grounded in low-level learning mechanisms. I will present a set of studies suggesting that cognitive control functions are constantly evaluated, sensitive to reinforcement learning, and can be controlled by the context. Together, these results argue for a more integrative learning perspective on cognitive control.