

# Massive Modularity and Brain Evolution

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## Abstract

Quartz (2002) argues that some recent findings about the evolution of the brain (Finlay & Darlington, 1995) are inconsistent with evolutionary psychologists' massive modularity hypothesis. In substance, Quartz contends that since the volume of the neocortex evolved in a concerted manner, natural selection did not act on neocortical systems independently of each other, which is a necessary condition for the massive modularity of our cognition to be true. I argue however that Quartz' s argument fails to undermine the massive modularity hypothesis.

**Keywords:** Brain evolution, massive modularity, allometry, evolutionary psychology, neocortex

**Subjects:** [Specific Sciences: Biology: Evolutionary Psychology](#)

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