



Preventing Sleep Deprivation

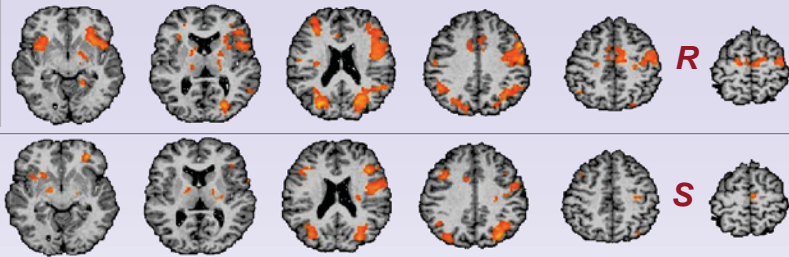


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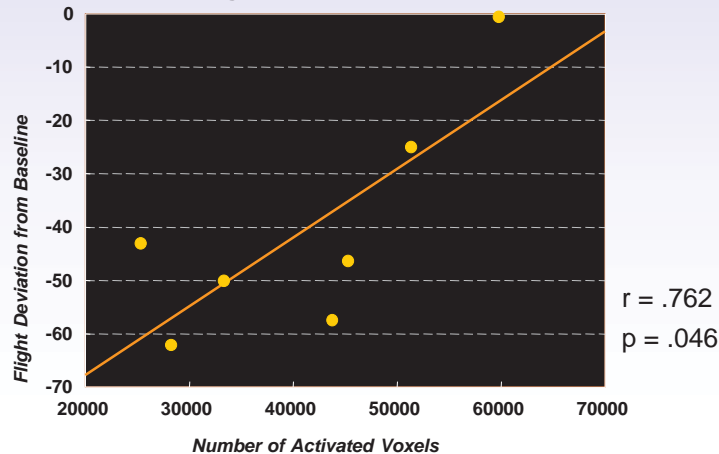
Objective: Prevent the degradation of cognitive performance caused by sleep deprivation experienced as a consequence of current operational paradigms



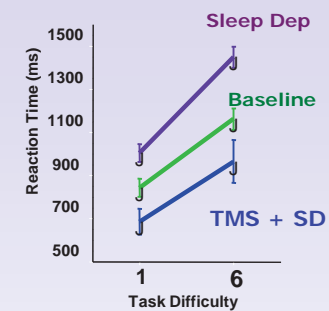
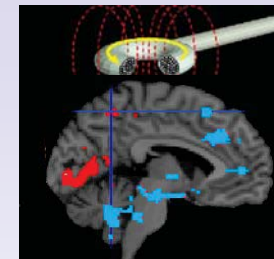
Functional MRI predicts sleep deprivation sensitive individuals



MRI index vs. Flight Performance on F117 Simulator



Transcranial Magnetic Stimulation reverses cognitive effects of sleep deprivation



TMS improves performance on MATB

