

テレビゲームプレイ時の熟達者と非熟達者の脳活動の比較

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The brain activity during video games: compared expert with not expert

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Among many studies investigating brain activity while people playing video games, few studies did focus on players' expert level to the video games. In this paper describe some experiments on meaning brain activity at DLPFC while beginners, intermediate players, and expert playing video games using fNIRS. The experimental results suggested that blood flow in the frontal area increased in experts whole it decreased in beginners and intermediate players.

Keywords: NIRS, Video Game, brain, expert