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Is It Easier To Always Be Right?

I tested how fast and accurate right handed people performed simple tasks using their left hands, compared to how fast and accurate left handed people performed the same tasks using their right hands. I believed that left handed people (Lefties) would be able to out-perform right handed people (Righties) using their non-preferred hands. I timed and recorded accuracy for both Righties and Lefties doing four separate tasks with their preferred hands, and the same for four separate tasks with their non-preferred hands. These tasks were 1) opening a combination lock, 2) doing a four-step calculator equation, 3) cutting out a spiral, and 4) tracing a spiral. 32 separate test measurements were recorded for ten Righties and ten Lefties. Overall, when using their non-preferred hand, Lefties on average outperformed Righties in speed and accuracy. Lefties were 25% faster and 45% more accurate at right handed tasks than Righties were at left handed tasks. Therefore, my hypothesis was proven correct. The most obvious difference was in cutting out the spiral. An unexpected finding was that the Lefties in my study actually performed right handed tasks slightly better than they did left handed tasks. This proves that left handed people have already adapted to do many everyday tasks with their right hands.