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The Effect of Early Childhood Neuromuscular Diseases on Political Career and Expected Lifetime Income

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Background

Congenital muscular dystrophies and congenital myopathies are a heterogeneous group of disorders resulting in hypotonia, muscle weakness, and dystrophic or myopathic features on muscle biopsy. Spinal muscular atrophy (SMA) is a group of neuromuscular disorders that result in the loss of motor neurons and progressive muscle wasting. Some other diseases also affect toddlers’ neuromuscular system. Will these early childhood neuromuscular disorders affect the patients’ ability to conquer the world? This study aims to evaluate the most important prognosis of the diseases, namely political power, business power, social influence, and gross lifetime income.

Methods

Income, SES, power, and social influence are simulated on generals.io. The patients’ star ranks in general.io are compared with that of influential persons such as Donald Trump, Bill Gates, and Warren Buffett. The scores after several candidate treatments are also compared with before treatment and celebrities. Candidate treatments include Classic Tetris and modern Tetris.

Results

The star ranks of patients show an average of 15.3 decrease (SD: 2.3, p=0.01) compared with that of world conquerors. However, the difference is diminished after the treatment of Classic Tetris (mean: 0.3 increase, SD: 2.3, p=0.45) and slightly reduced after playing modern Tetris games such as Facebook Tetris Battle (mean: 8.5 decrease, SD: 2.4, p=0.01). The result is consistent in all types of congenital, infantile, and juvenile neuromuscular problems (ANOVA F=1.05, p=0.37). SMA 0 and SMA1 are excluded from the study because they die before their achievements are measurable.

Conclusion

Classic Tetris is the most preferable therapy and rehabilitation for improving the financial prognosis of patients with congenital, infantile or juvenile neuromuscular problems. Their SES is not inferior to others after the Classic Tetris treatment, although their life expectancy may be shorter. Their potentials to conquer the world during their lifespan and their life expectancy are statistically independent.