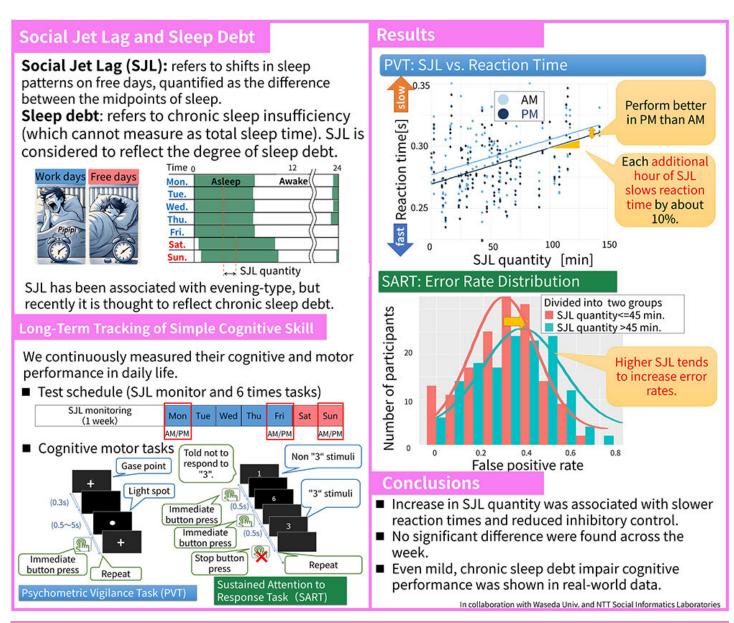
Is oversleeping on free days really a problem!?

Abstract

Social jet lag—a shift in sleep patterns on weekends, such as staying up late or sleeping in—is thought to reflect chronic sleep debt accumulated during weekdays. In this study, we measured participants' sleep patterns and cognitive functions, including reaction time and inhibitory control, in their daily lives. We found that even mild social jet lag, previously considered recoverable on weekends, can impair basic cognitive performance. These effects are likely due to chronic sleep deprivation. Our findings may contribute to the development of personalized sleep recommendations, supporting healthier lifestyles and a more productive society. In the future, we aim to clarify the causes of cognitive decline by analyzing not only the timing but also the quality of sleep.



References

[1] T.G. Sato, M. Takahashi, M. Nishida, "The relationship between social jetlag and cognitive tasks performance in everyday life," *The 27th Conference of the European Sleep Research Society*, P387, 2024.

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