



Hu, X., Shen, Y., & Dai, J. (2023). Strategy switching in a sequence of decisions: Evidence from the Iowa Gambling Task. Acta Psychologica Sinica, 55(11). Worthy, D. A., Hawthorne, M. J., & Otto, A. R. (2013). Heterogeneity of strategy use in the lowa gambling task: a comparison of win-stay/lose-shift and reinforcement learning models. *Psychonomic bulletin & review*, 20(2), 364–371. https://doi.org/10.3758/s13423-012-0324-9

Discussions and Conclusions

 The results seen in WPLP compared to the WSLS model are different from what we expected. The WSLS outperformed the base model for 90% of their participants compared to the WPLP which only outperformed for 30% of our participants. Choice freedom may be a factor behind the low proportion of best fit data in the WPLP. Since a random deck is highlighted each trial, the participant must hold in working memory the previous result until the same deck is highlighted

 The WPLP model also shows there are higher probabilities for playing a deck if they won last time than passing if they lost, this may be due to participants' level of risk-aversion, where

References