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ABSTRACT

Keywords:

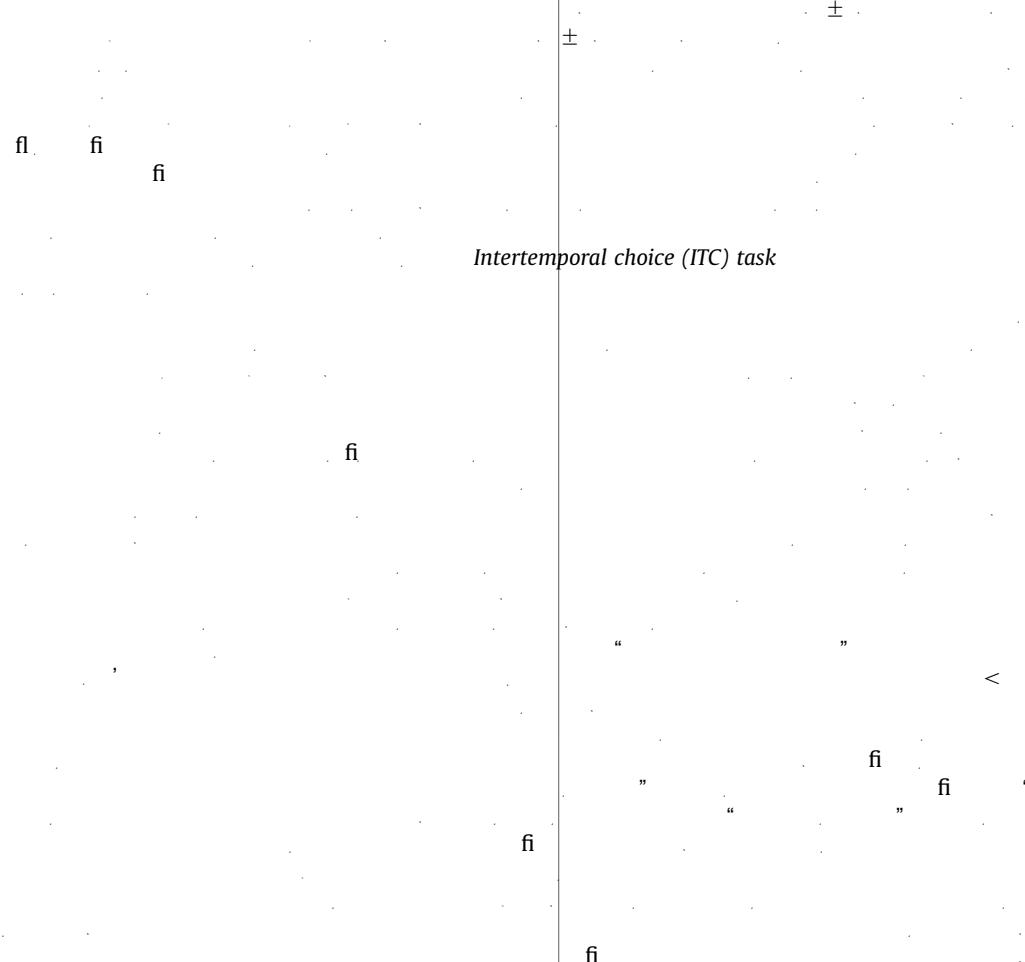
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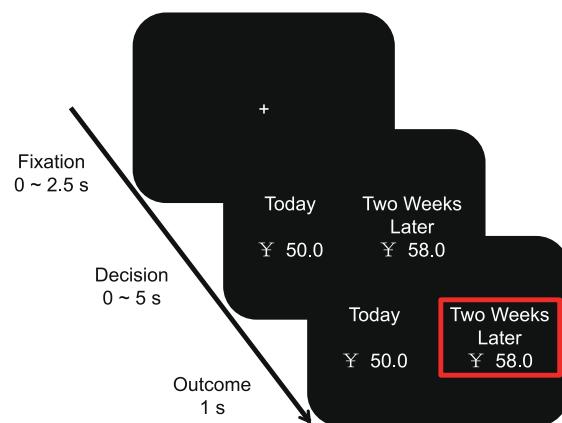
Introduction

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Materials and methods

Participants



$$SV = LL \text{ Amount} / (1 + kD)$$

k

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k

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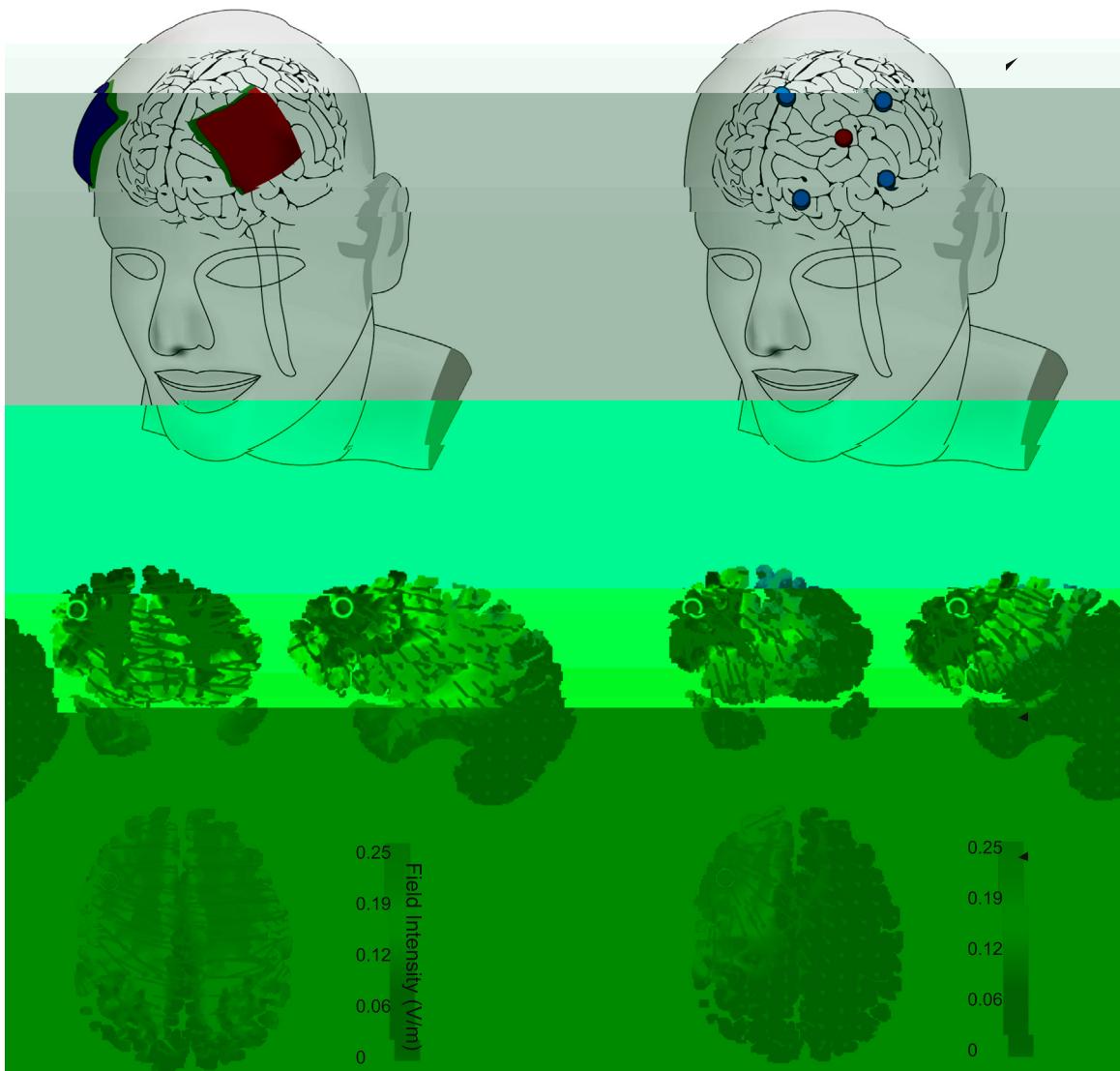
Procedure

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+ -

- +



Conventional tDCS

\times *Behavioral data analysis*

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$$\text{logit } P(\text{chooseLL}) = \beta_1 \text{ LL amount} + \beta_0$$

$$\text{logit}(0.5) = \beta_1 \text{ indifference point} + \beta_0$$

$$\begin{array}{lll} \beta_1 & \beta_0 & \text{fi} \\ \text{indifference point} = -\beta_0/\beta_1 \end{array}$$

HD-tDCS

\times fi β_1 β_0 “ ”

fi β_1 β_0 fi β_1 β_0 “ ”

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A

$$SV = \frac{A}{1 + kD}$$

$$\begin{array}{c} D \\ k \\ k \end{array} \quad \text{fi} \quad \begin{array}{c} A \\ \text{fi} \end{array}$$

$$SV_{ASAP} = g(D_{ASAP}) \frac{A}{1 + k_{ASAP}(D - D_{ASAP})}$$

$$\begin{array}{c} D_{ASAP} \\ g D_{ASAP} \end{array}$$

$$k \sim N(\mu, \sigma)$$

$$P\big(choose\;LL\big)=\Big(1+e^{-b(SV_{LL}-SV_{SS})}\Big)^{-1}$$

$$\frac{SV_{SS}}{SV_{LL}} = b$$

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Results

$$\Delta = \dots p < \dots$$

Immediate context

Experiment 1.

$$+ - - + \\ k + - - +$$

$$p = \dots \quad \text{fi} \quad F = \dots \quad F = \dots \quad \eta^2 = \dots \quad p = \dots$$

$$k \\ F = \dots \quad \eta^2 = \dots \quad p = \dots$$

Experiment 2A and 2B.

$$+ + \\ k$$

$$\eta^2 = \dots \quad p = \dots \quad F = \dots \quad F = \dots \quad \eta^2 = \dots \quad p < \dots$$

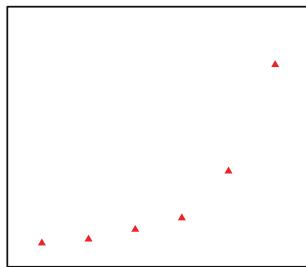
$$\text{post-hoc} \\ \text{fi} \\ F = \dots \quad \eta^2 = \dots \quad p = \dots \quad t \\ + \\ + \quad \Delta \quad = - \\ \Delta = - \quad - \quad t = - \quad p = \dots \quad + \quad + \\ = - \quad p = \dots \quad \Delta \quad = \dots \quad = - \\ t = \dots \quad p = \dots$$

$$\eta^2 = \dots \quad k \quad p = \dots \quad \text{Post-hoc} \quad t \quad F = \dots \\ p = \dots \quad k \quad Post-hoc \quad t \quad + \\ \Delta \quad k = - \quad + \quad + \quad t \\ = - \quad p = \dots \quad t = - \quad p = \dots \quad \Delta \quad k = - \quad = \\ = - \quad - \quad t = - \quad p = \dots \quad \Delta \quad k = - \quad = \\ = - \quad t = \dots \quad p = \dots$$

$$k \\ + \\ +$$

$$F = \dots \quad \eta^2 = \dots \quad p < \dots \quad F = \dots \quad \eta^2 = \dots \quad p = \dots$$

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Delayed context

$$p = \text{. . .} \quad p = \text{. . .} \quad p = \text{. . .}$$

Discussion

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$$\eta^2 = \frac{F}{p} = \frac{\eta^2}{F} = p = \frac{F}{\eta^2} = \frac{p}{F} \quad \text{fl}$$

$$\frac{F}{n^2} = \eta^2 = p = \frac{\eta^2}{F} = k$$

$$\eta = \dots p = \dots \kappa$$

$$F = -\eta^2 = p = \dots$$

$$p = F = \dots \eta^2 =$$

$p = \dots$ $p = \dots$ $p = \dots$ \times

et al.

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Conclusion

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Acknowledgment

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Appendix A. Supporting information

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References

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