# Client Perspective: Acceptability of Combining Cognitive Remediation and transcranial Direct Current Stimulation for People with Severe Mental Illness

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Cognitive impairments commonly limit everyday functioning in people with severe mental illness (SMI)

Cognitive remediation (CR) targets cognitive impairments and can improve everyday functioning.

Transcranial direct current stimulation (tDCS) targets neural plasticity and may enhance the learning effects from cognitive remediation.

**Objective:** Is combining CR and tDCS a feasible and acceptable intervention for people with SMI?



#### Method

Participants: 24 service users with SMI living in residential psychiatric settings

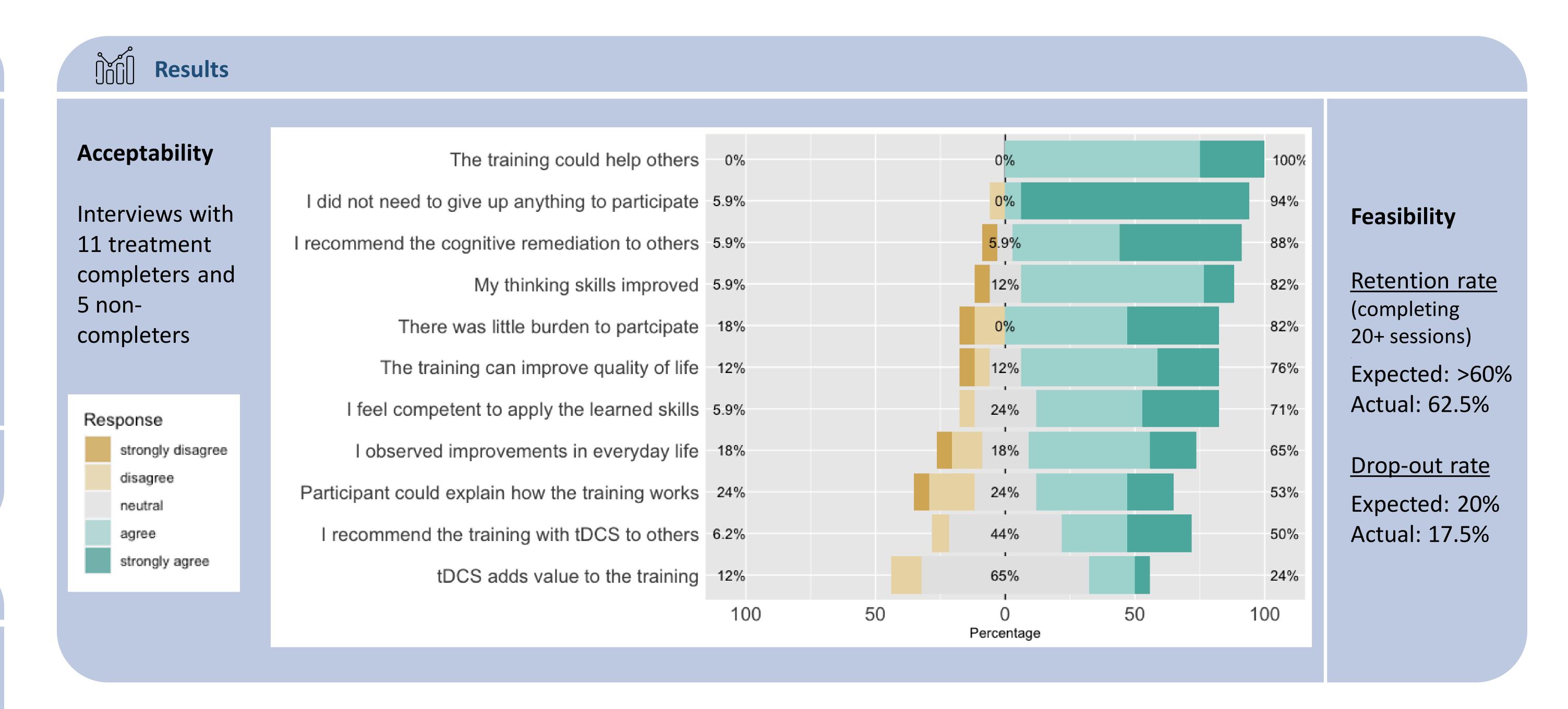
Intervention: 16 weeks, 32 sessions, 20-45 mins CIRCuiTS combined with active tDCS (n=16) or with sham tDCS (n=16)

Feasibility assessed by retention and drop-out rates

**Acceptability** assessed by interviews with participants using the Theoretical Framework of Acceptability (Sekhon ea., 2017)



Find more information about the trial in the study protocol (Poppe et al., 2021, *Trials*)





## - Conclusions & Take-home -



Combination of CR and tDCS is **feasible** and **acceptable** to service users with SMI

Completers and non-completers of the training reported personal benefits to their cognitive and everyday functioning

Completers and non-completers recommend the training to others.

Participants experienced little burden, but are unsure whether tDCS adds value to the training.

### Any questions? Get in touch:



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