

## Risk of Bias Assessment

		<u>D1</u>	<u>D2</u>	<u>D3</u>	<u>D4</u>	<u>D5</u>	<u>Overall</u>	
Jiang et al. 2013	rTMS	+	!	+	+	-	-	+ Low risk
Huang et al. 2018	rTMS	+	+	+	!	+	!	! Some concerns
Zhang et al. 2018	rTMS	+	!	+	-	!	-	- High risk
Zhang et al. 2022	rTMS	+	!	+	+	-	-	
Li et al. 2022	rTMS	+	!	+	!	-	-	D1 Randomisation process
Lu et al. 2022	rTMS	+	-	+	!	-	-	D2 Deviations from the intended interventions
Guo et al. 2023	rTMS	+	!	+	!	-	-	D3 Missing outcome data
Zhang et al. 2023	rTMS	+	!	+	!	-	-	D4 Measurement of the outcome
Pu et al. 2023	rTMS	+	-	+	!	+	-	D5 Selection of the reported result
Saebipour et al. 2015	toDCS	!	!	+	-	-	-	
Frase et al. 2019	tDCS	+	!	+	+	+	!	rTMS: Repetitive transcranial magnetic stimulation
Zhou et al. 2020	tDCS	+	+	+	+	!	!	tDCS: Transcranial direct current stimulation
Wang et al. 2020	tACS	+	+	+	+	!	!	toDCS: Transcranial oscillatory direct current stimulation
Motamedi et al. 2022	tACS	+	!	!	-	-	-	tACS: Transcranial alternating current stimulation
Roth et al. 2018	Forehead cooling	+	+	+	+	+	+	taVNS: Transcutaneous auricular vagus nerve stimulation
Jiao et al. 2020	taVNS	+	+	+	+	+	+	
Wu et al. 2022	taVNS	+	+	+	+	!	!	