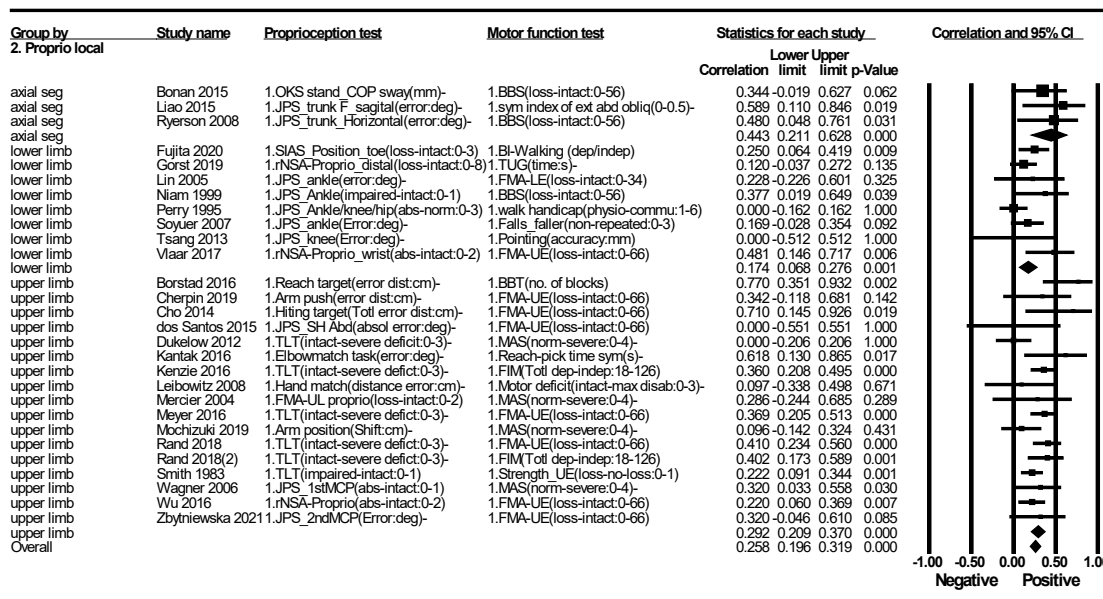
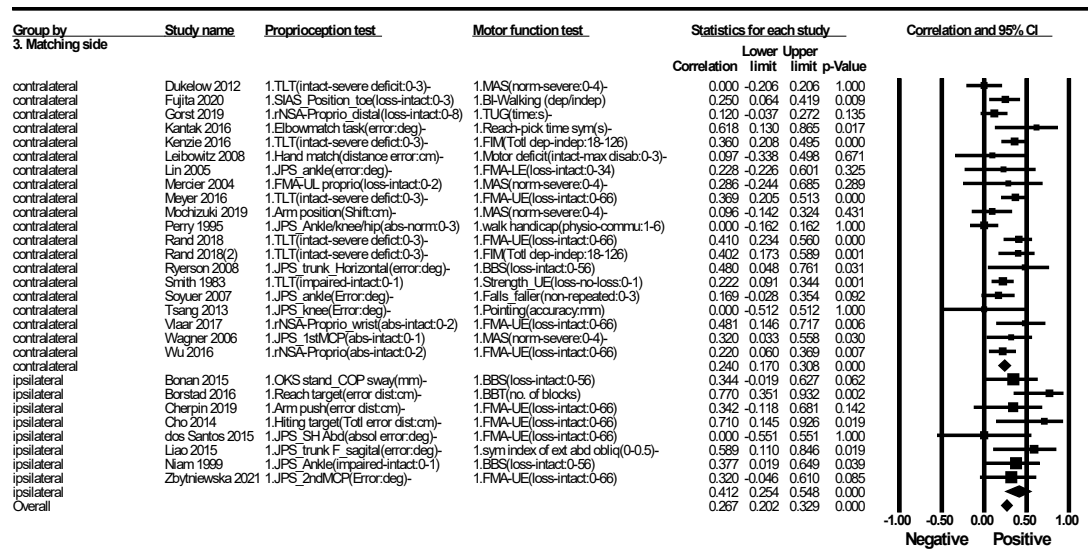


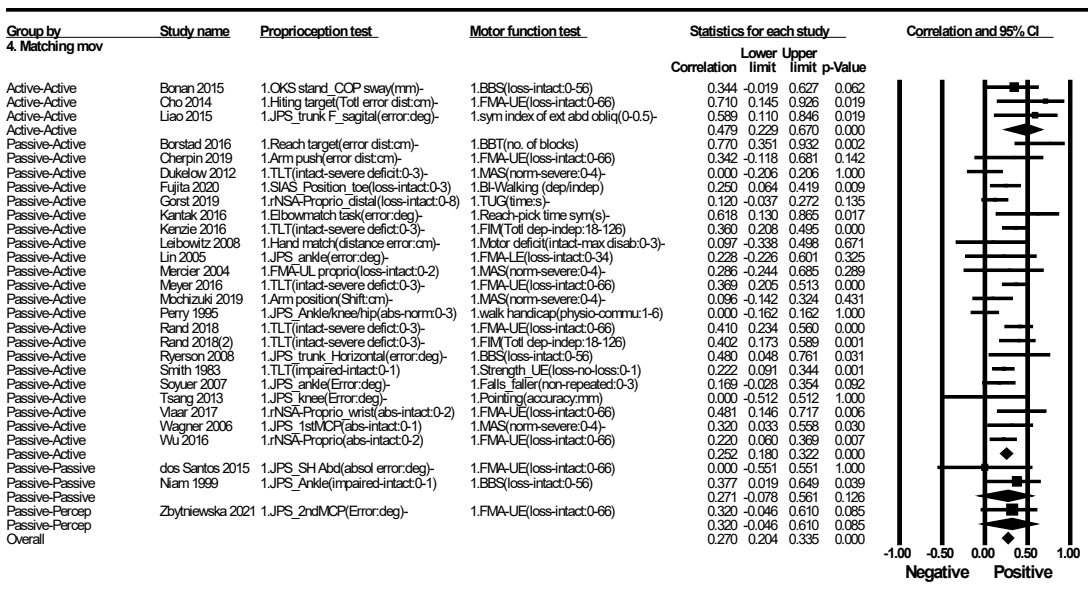
(A) Random-effect model of analysis: $I^2=33\%$, $59\%^*$ across studies measuring position sense, combined position and motion senses respectively. (*:p<0.05)



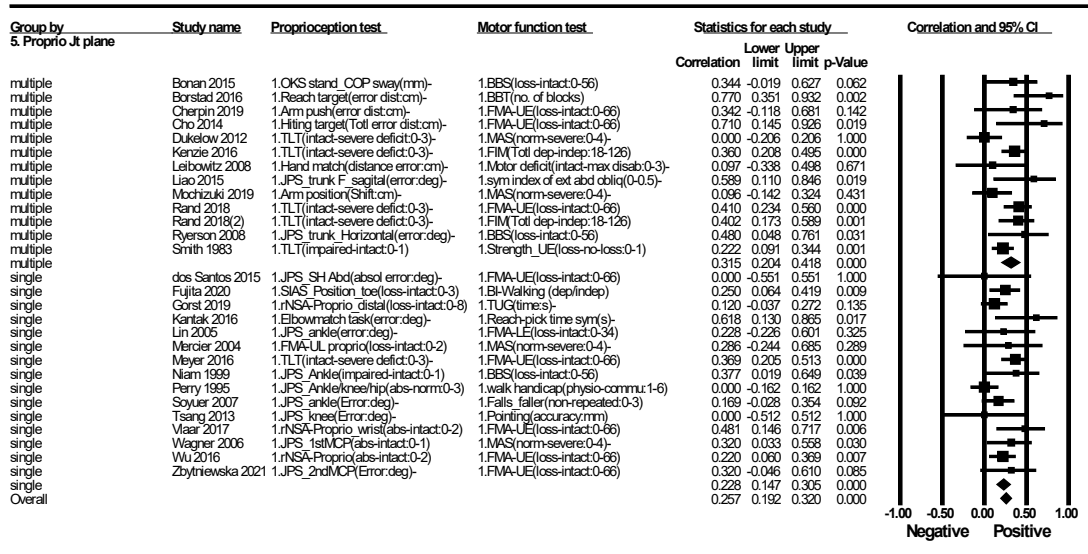
(B) Random-effect model of analysis: $I^2=0\%$, $43\%^*$, 33% across studies measuring proprioception in axial segment, upper limbs and lower limbs respectively. (*:p<0.05)



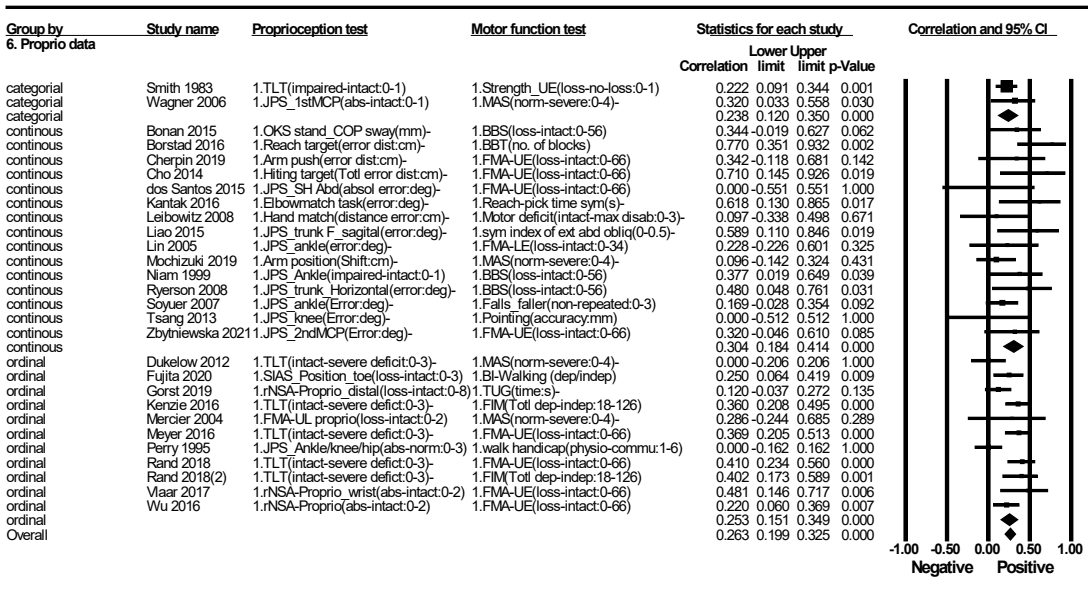
(C) Random-effect model of analysis: $I^2=47\%^*$, 9% across studies measuring proprioception in contralateral matching and ipsilateral matching respectively. (*:p<0.05)



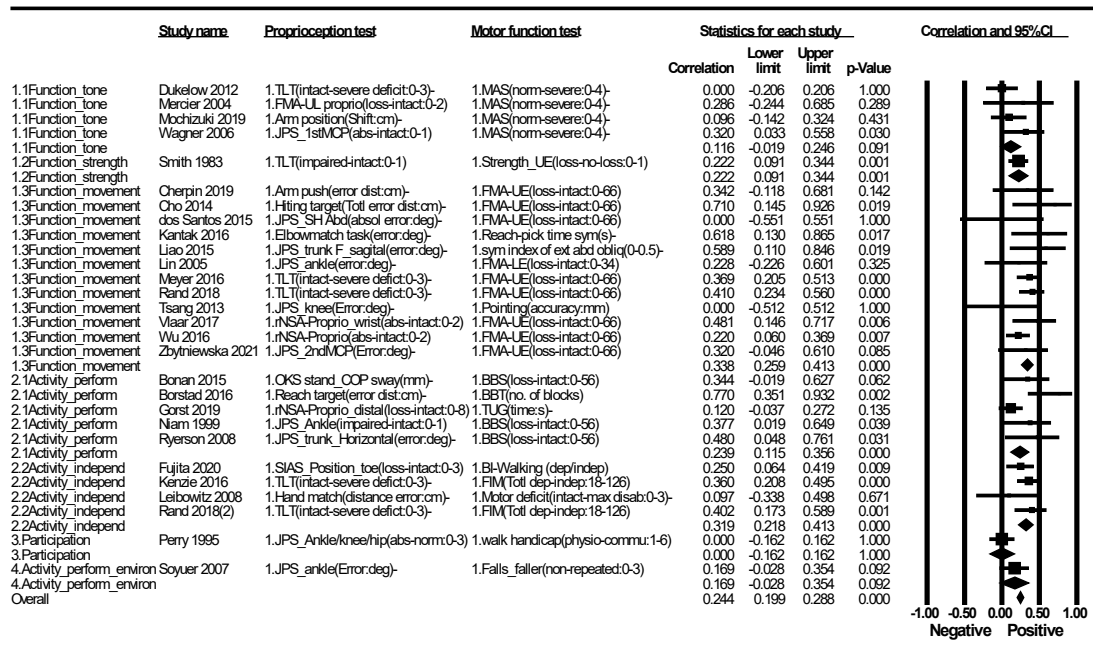
(D) Random-effect model of analysis: $I^2=0\%$, 50%*, 13%, 0% across studies measuring proprioception in different movement modes respectively. (*:p<0.05)



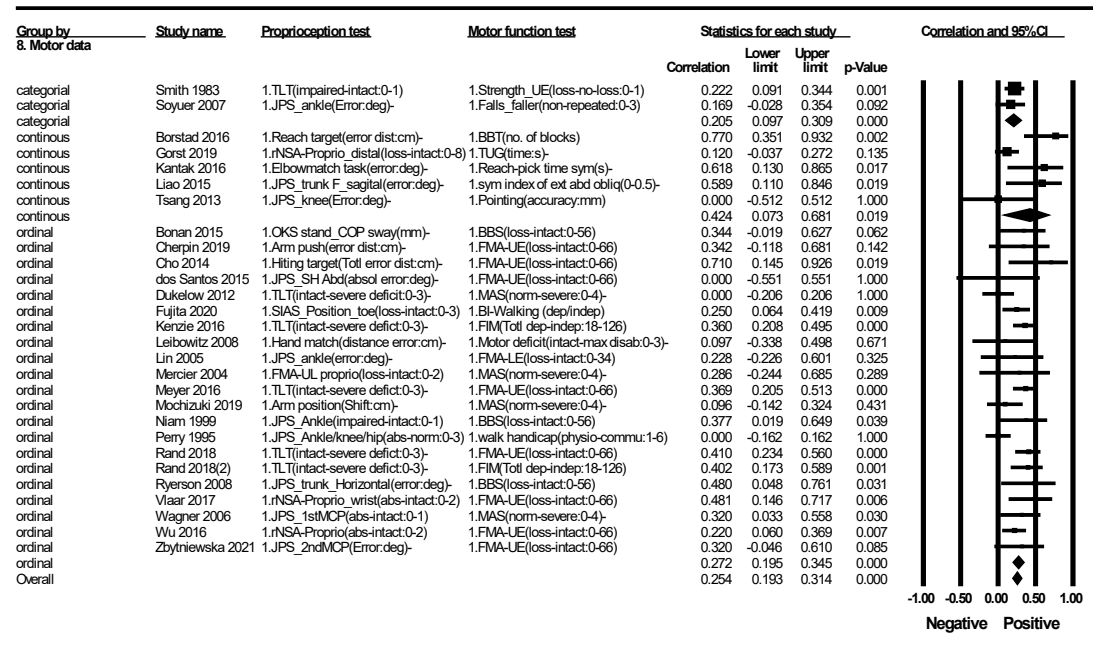
(E) Random-effect model of analysis: $I^2=54\%^*$, 31% across studies measuring proprioception in single and multiple joint planes respectively. (*:p<0.05)



(F) Random-effect model of analysis: $I^2=0\%$, 27%, 65%* across studies measuring proprioception with continuous, ordinal and categorical data as results respectively. (*:p<0.05)



(G) Random-effect model of analysis: $I^2=17\%$, 0%, 7%, 60%*, 0%, 0% across studies measuring motor function in ICF domains 1-4 respectively. (*:p<0.05)



(H) Random-effect model of analysis: $I^2=0\%$, 70%*, 42%* across studies measuring motor function with continuous, ordinal and categorical data as results respectively. (*:p<0.05)

Appendix I (full version for Figure 3): Subgroup analysis: association of proprioception with motor function after stroke. (A) Difference between proprioception subtypes measured in the tests (between-group difference: p=0.456). (B) Influence of body parts involved in the proprioception tests (between-group difference: p=0.055). (C) Influence of matching side involved in the proprioception tests (side involved) (between-group difference: p=0.050). (D) Influence of the movement modes involved in the proprioception tests (between-group

difference: $p=0.380$). (E) Influence of joint planes measured in the proprioception tests (between-group difference: $p=0.205$). (F) Influence of result acuity of the proprioception tests (between-group difference: $p=0.710$). (G) Influence of ICF motor function domains (between-group difference: $p=0.003$). (H) Influence of result acuity of the proprioception tests (between-group difference: $p=0.364$).