

SUPPLEMENTARY FILE

Beading plot: A novel graphics for ranking interventions in network evidence

Running title: Beading plot of treatment ranking

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Figure S1 Reproduced results of network meta-analysis on (A) short-term mouth opening, (B) longer term mouth opening, (C) short-term trismus, and (D) longer term trismus. CI, confidence interval; Treatment E, exercise; treatment I, instrument.; MD, mean difference; RR, risk ratio.

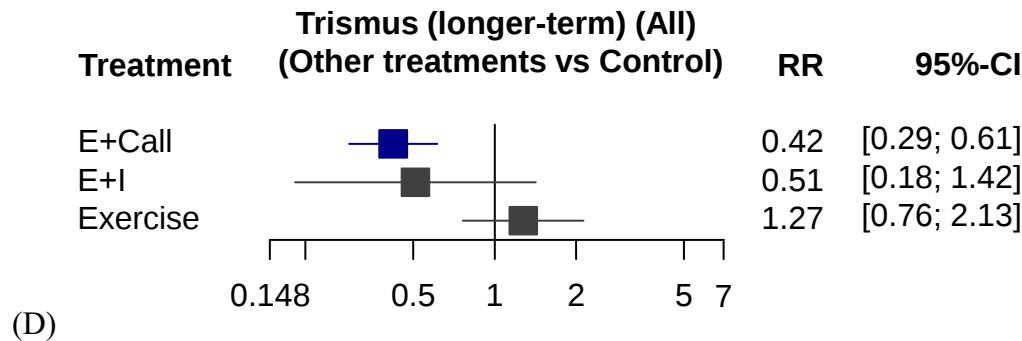
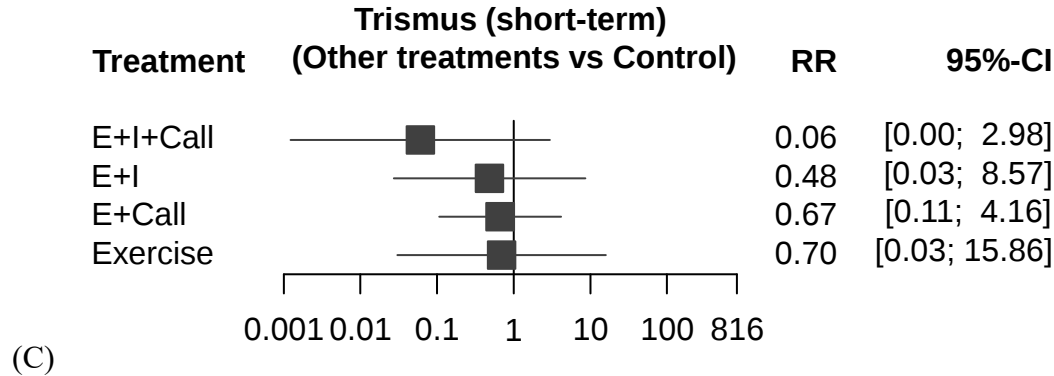
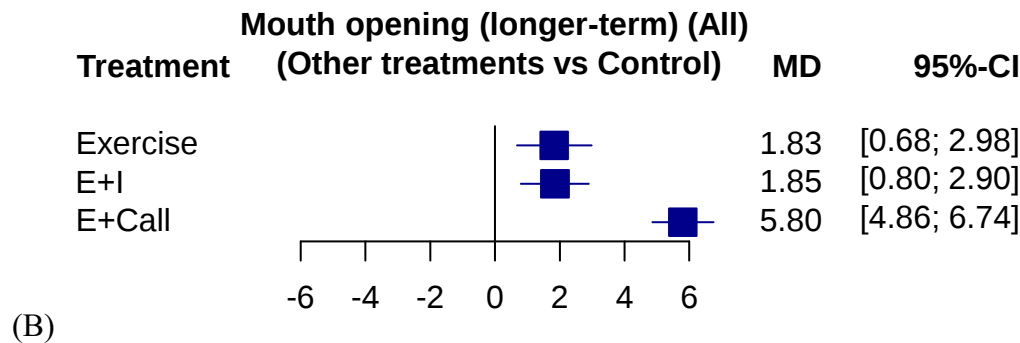
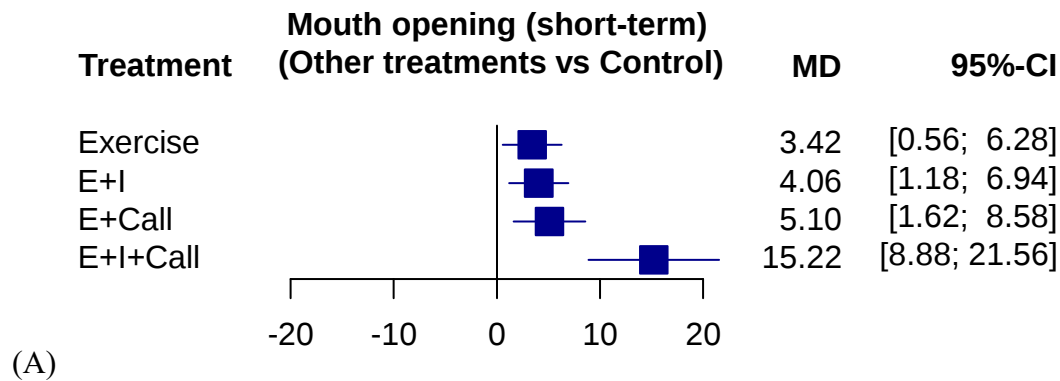


Figure S2 Series of line charts of probability of every exercise module on each possible rank for short-term mouth opening. Treatment E, exercise; treatment I, instrument.

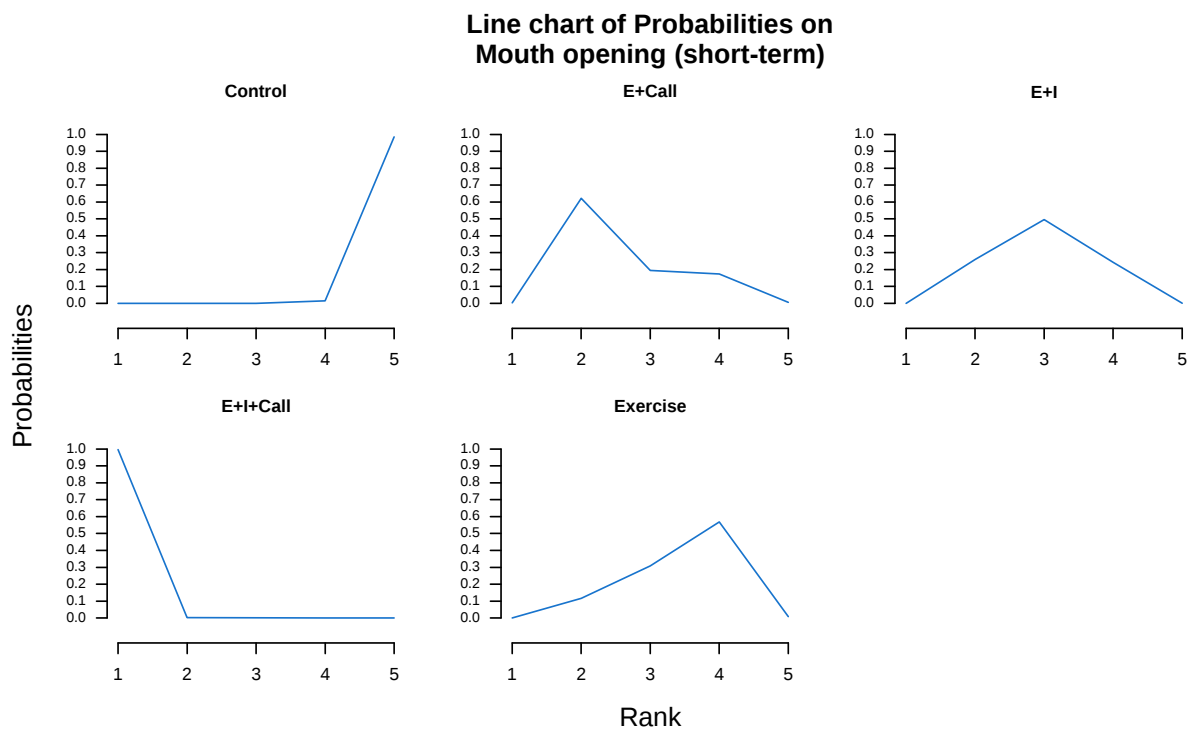


Figure S3 Multi-line plot of probability of every exercise module on each possible rank for short-term mouth opening. Treatment E, exercise; treatment I, instrument.

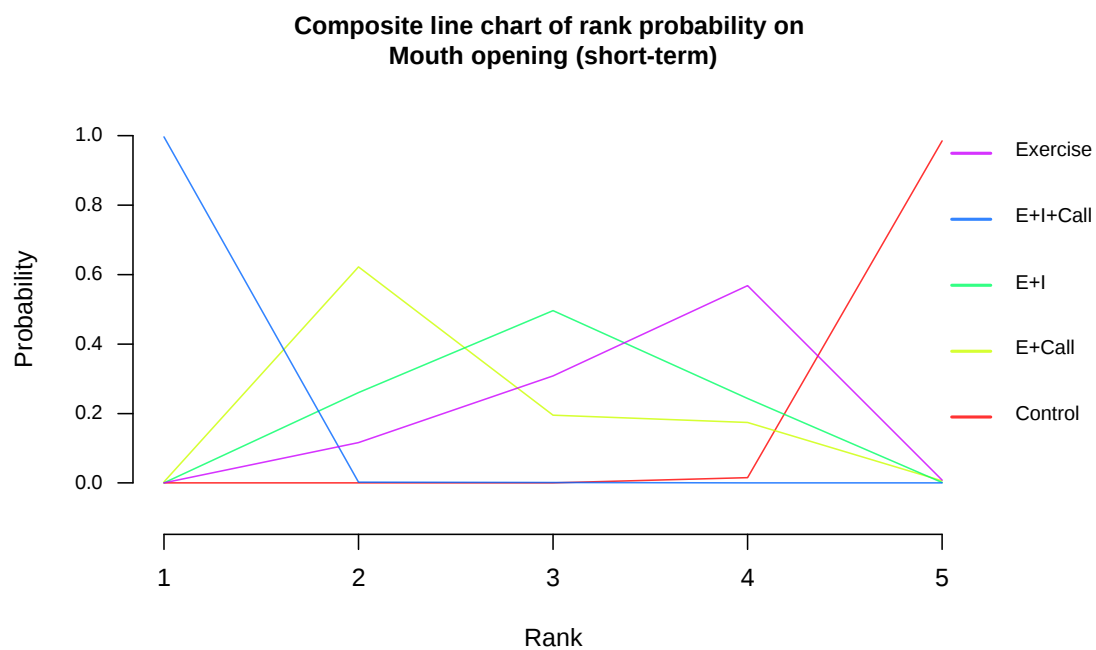


Figure S4 Stacked bar chart of probability of every exercise module on each possible rank for short-term mouth opening. Treatment E, exercise; treatment I, instrument.

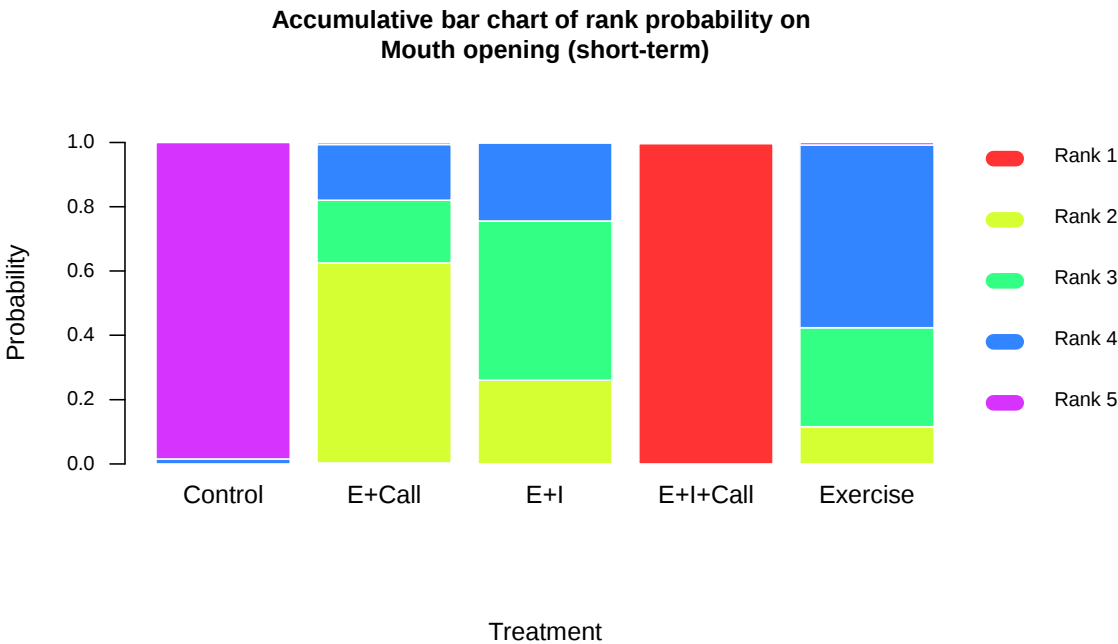


Figure S5 Series of line charts of cumulative probability of every exercise module on possible rank for short-term mouth opening. Treatment E, exercise; treatment I, instrument.

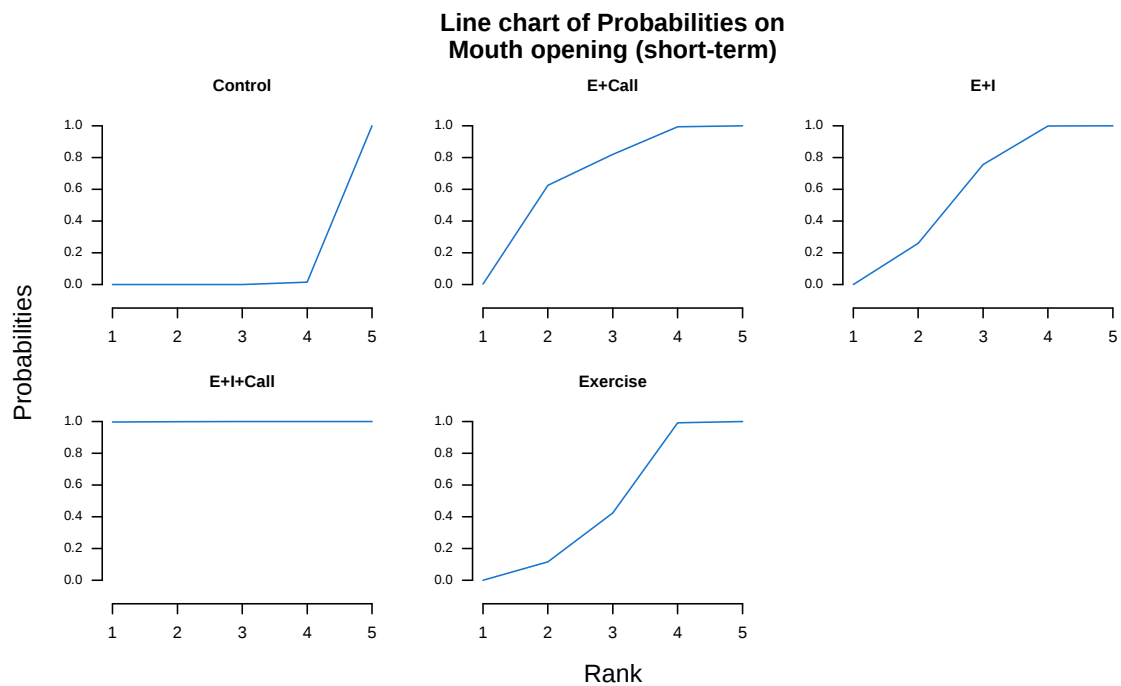


Figure S6 Multi-line plot of cumulative probability of every exercise module on possible rank for short-term mouth opening. Treatment E, exercise; treatment I, instrument.

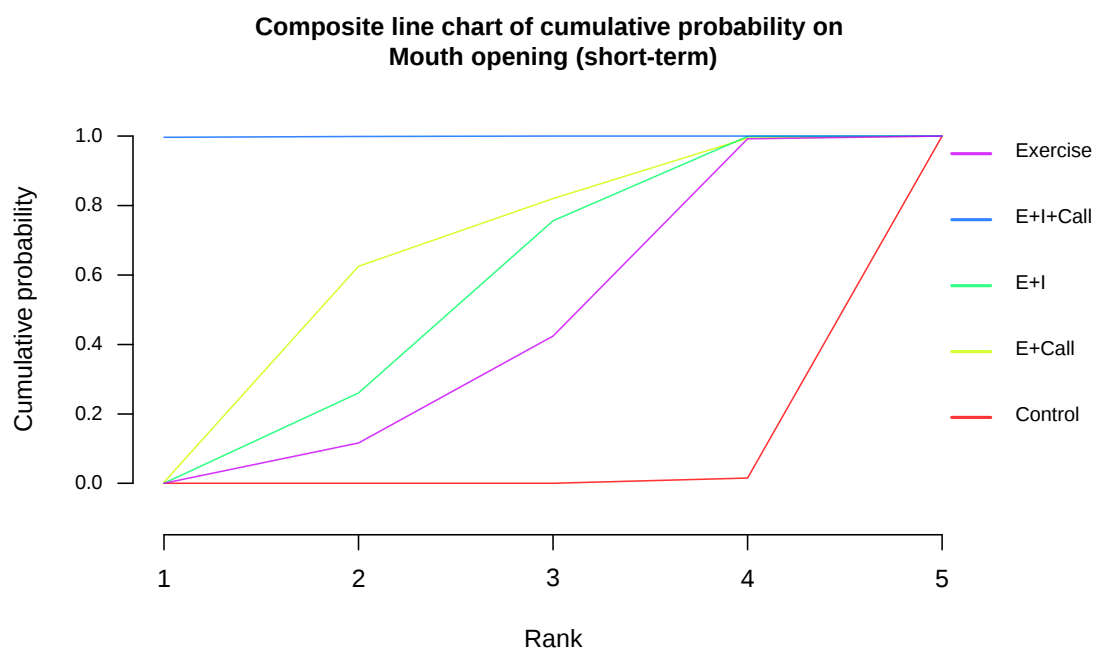


Figure S7 Simple bar charts of global metrics of treatment rankings on short-term mouth opening using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.

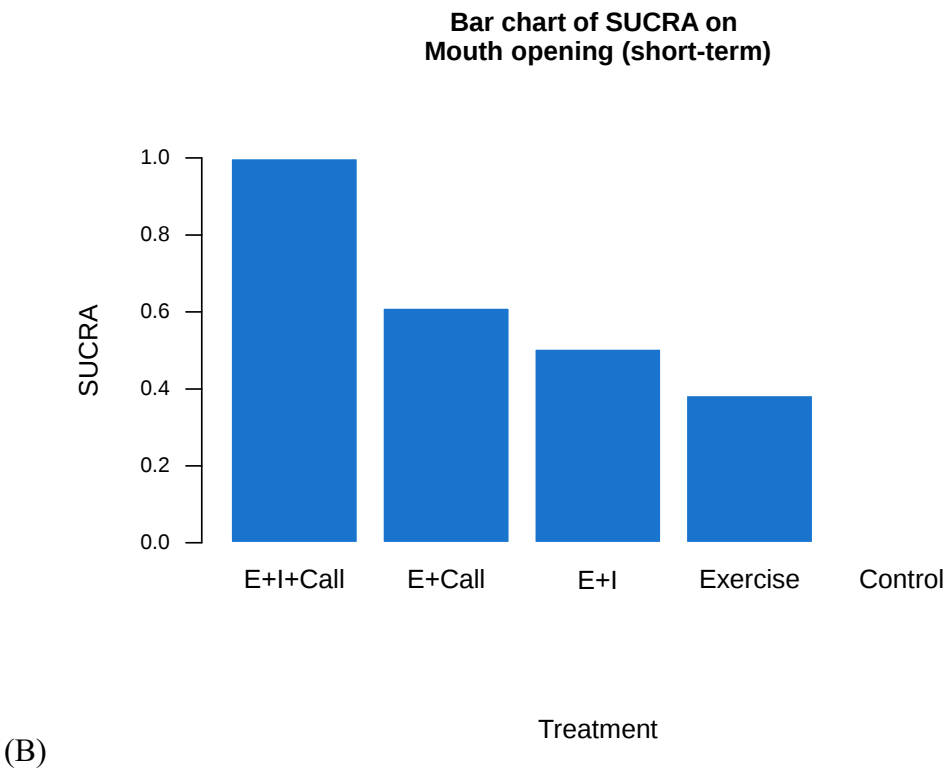
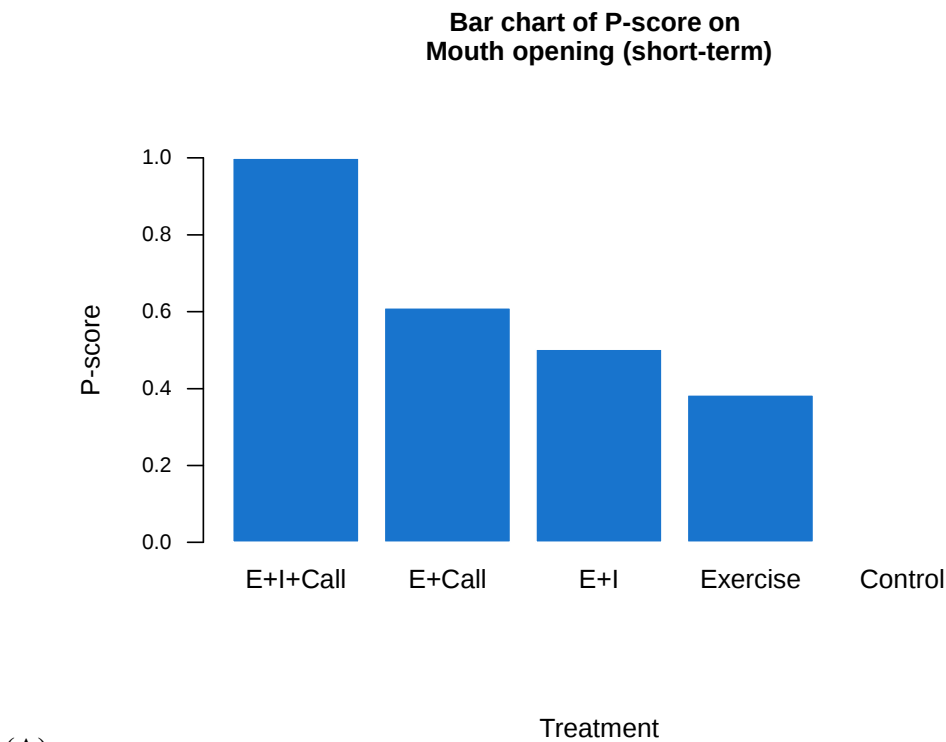


Figure S8 Simple line charts of global metrics of treatment rankings on short-term mouth opening using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.

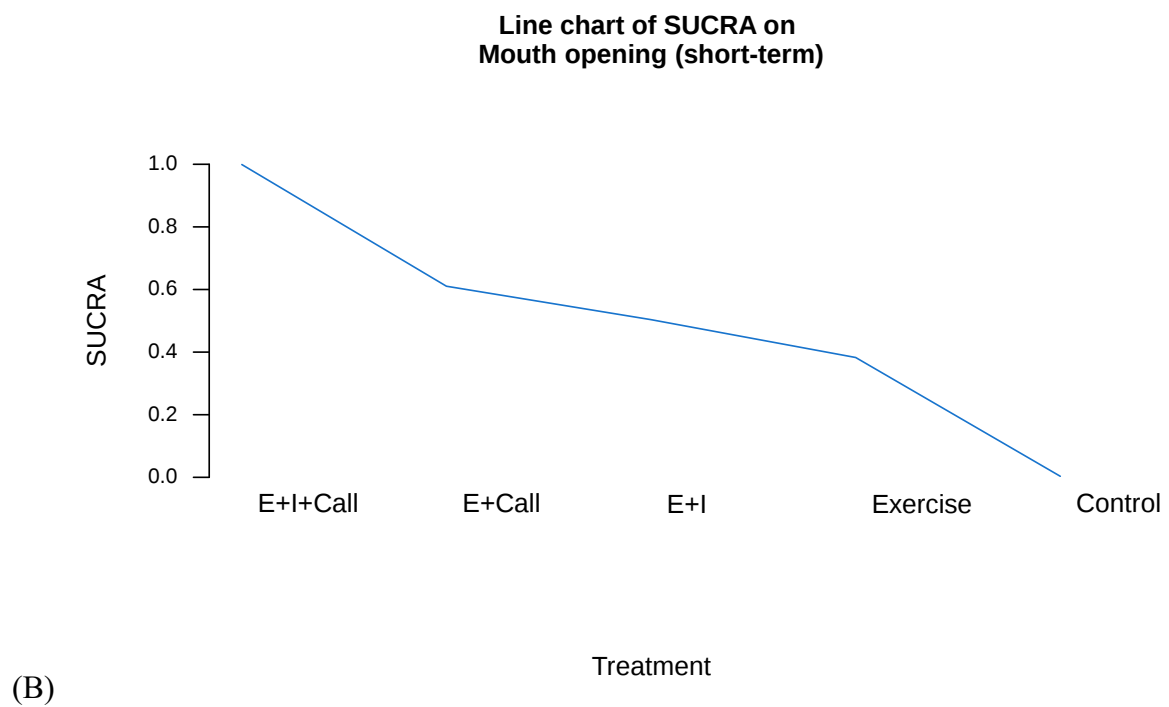
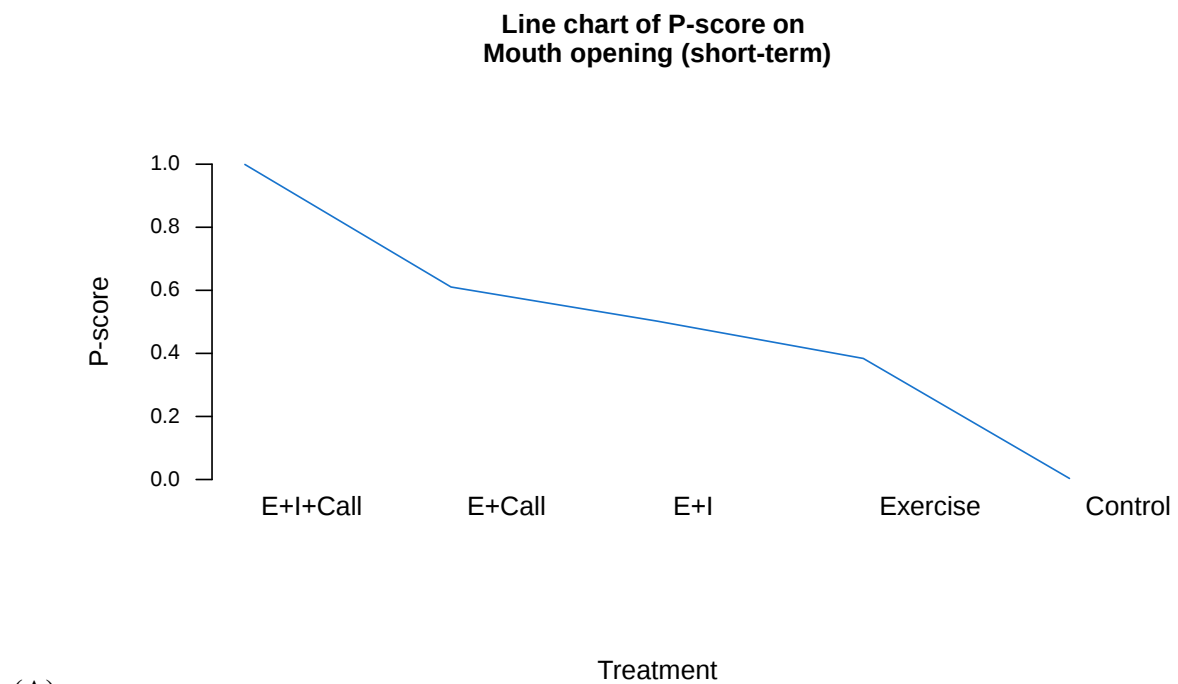


Figure S9 Heat plots of global metrics of treatment rankings on short-term mouth opening using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.

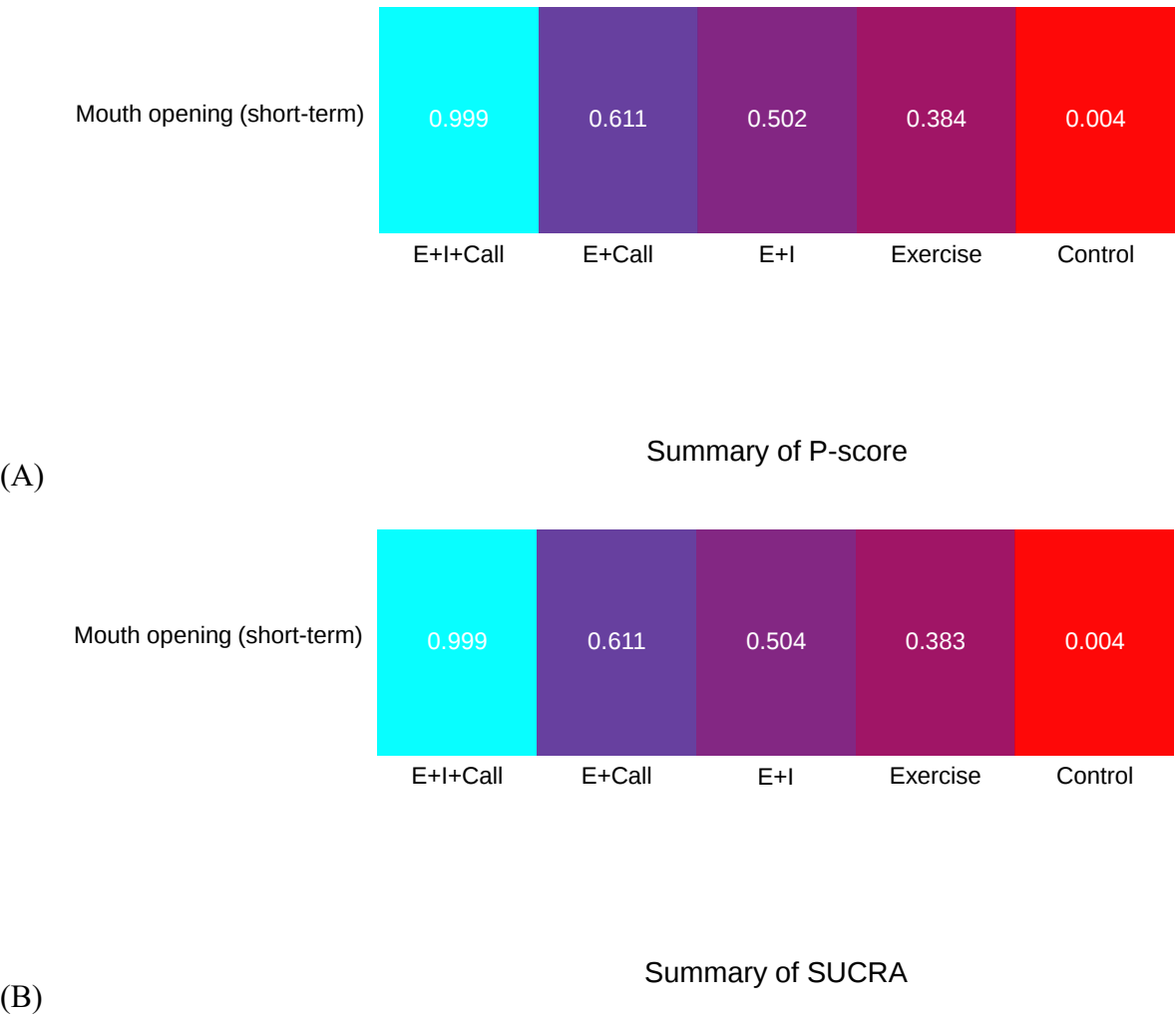


Figure S10 Series of line charts of probability of every exercise module on each possible rank for longer term mouth opening. Treatment E, exercise; treatment I, instrument.

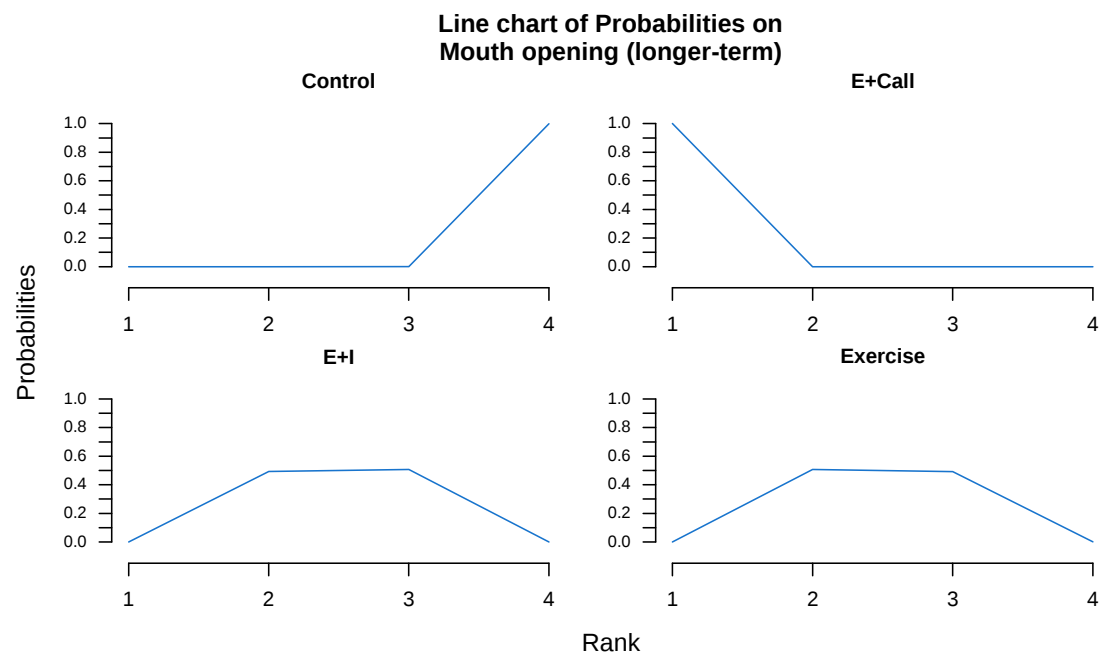


Figure S11 Multi-line plot of probability of every exercise module on each possible rank for longer term mouth opening. Treatment E, exercise; treatment I, instrument.

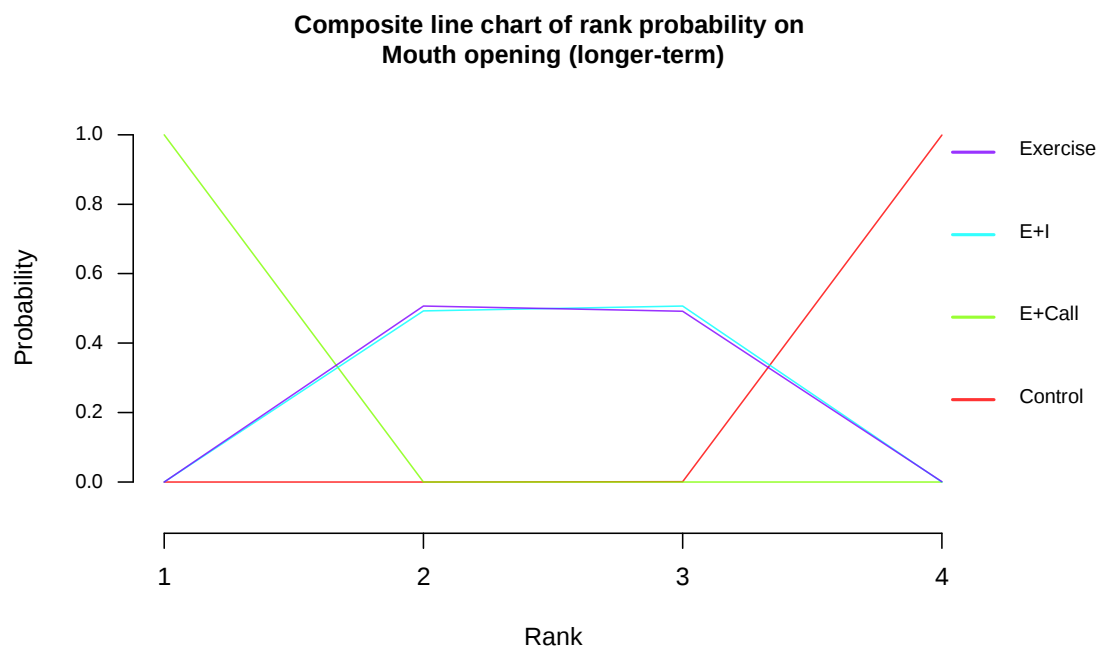


Figure S12 Stacked bar chart of probability of every exercise module on each possible rank for longer term mouth opening. Treatment E, exercise; treatment I, instrument.

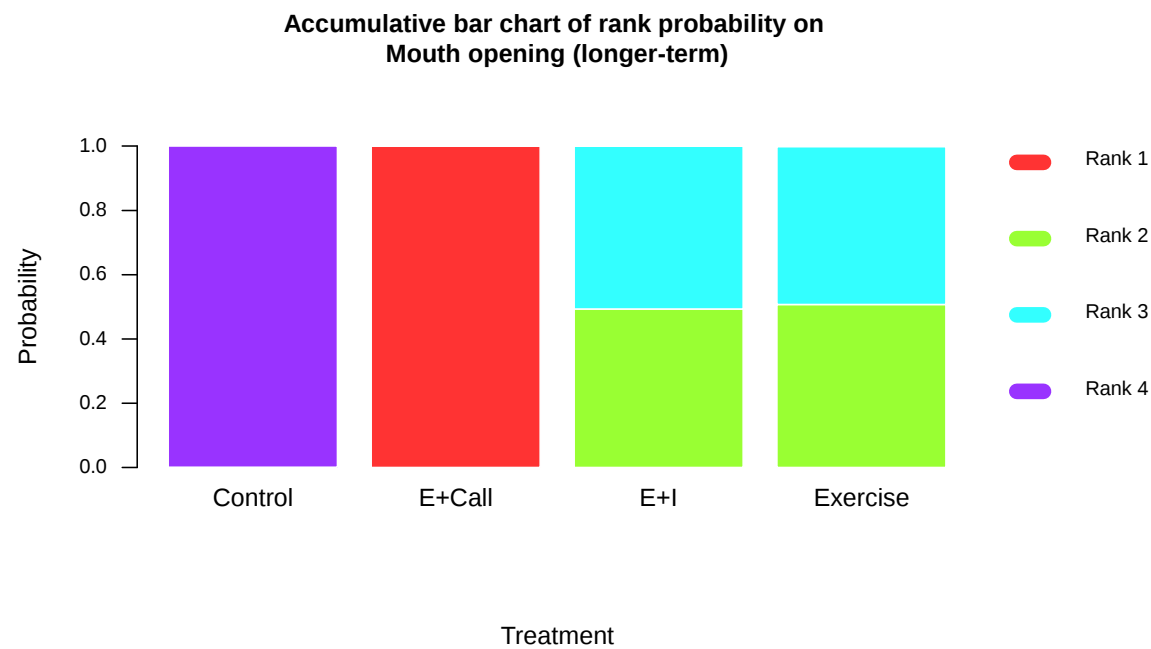


Figure S13 Series of line charts of cumulative probability of every exercise module on possible rank for longer term mouth opening. Treatment E, exercise; treatment I, instrument.

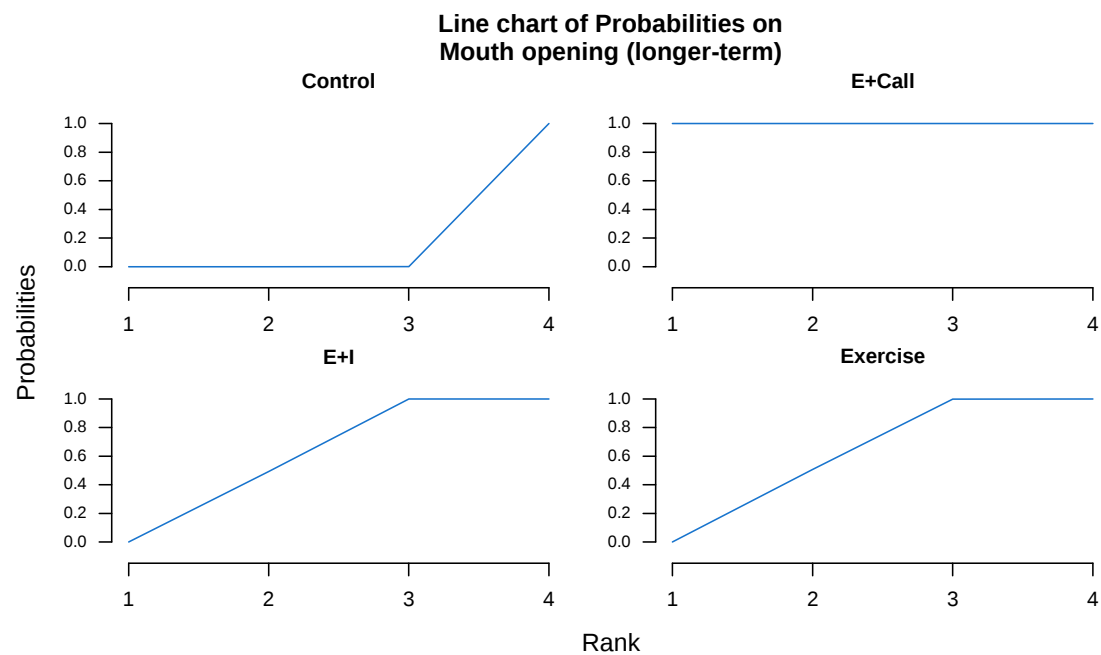


Figure S14 Multi-line plot of cumulative probability of every exercise module on possible rank for longer term mouth opening. Treatment E, exercise; treatment I, instrument.

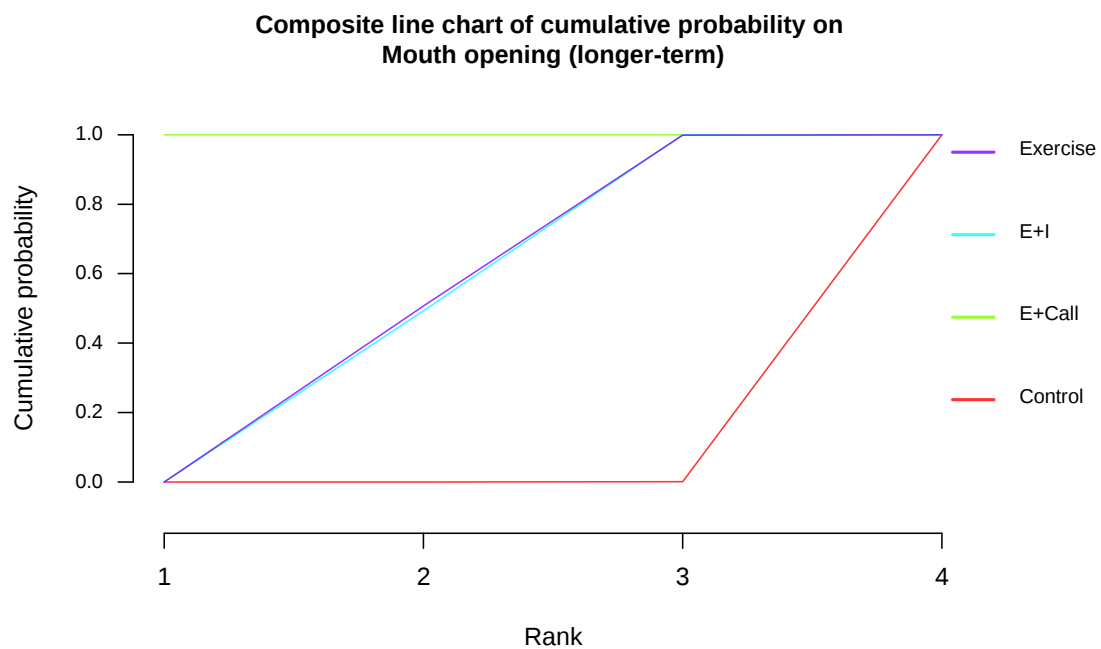


Figure S15 Simple bar charts of global metrics of treatment rankings on longer term mouth opening using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.

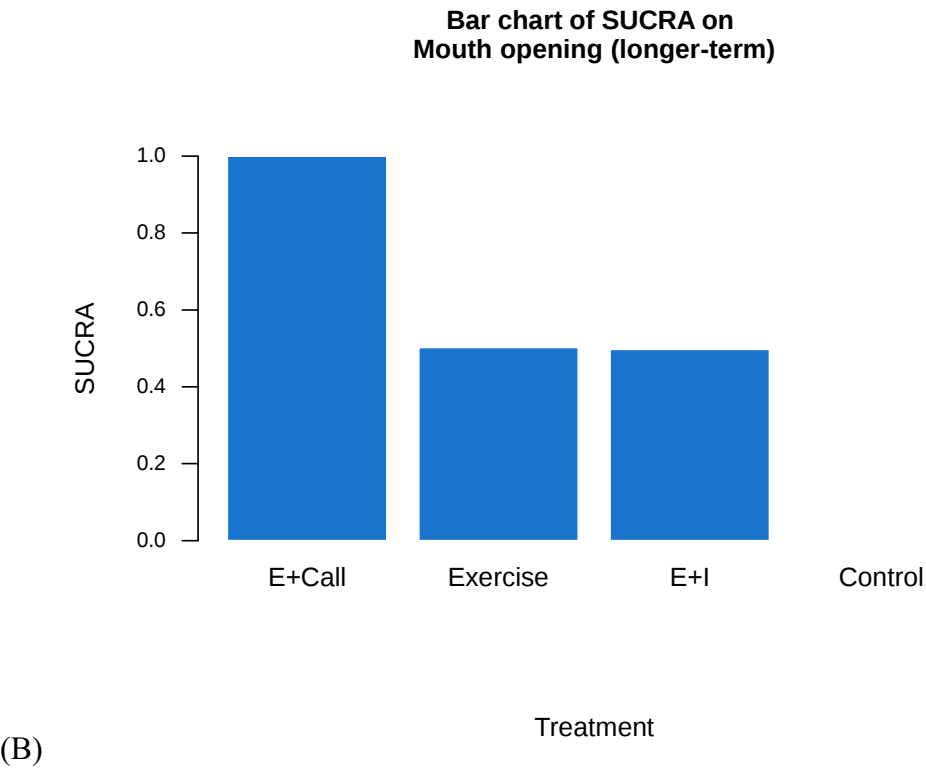
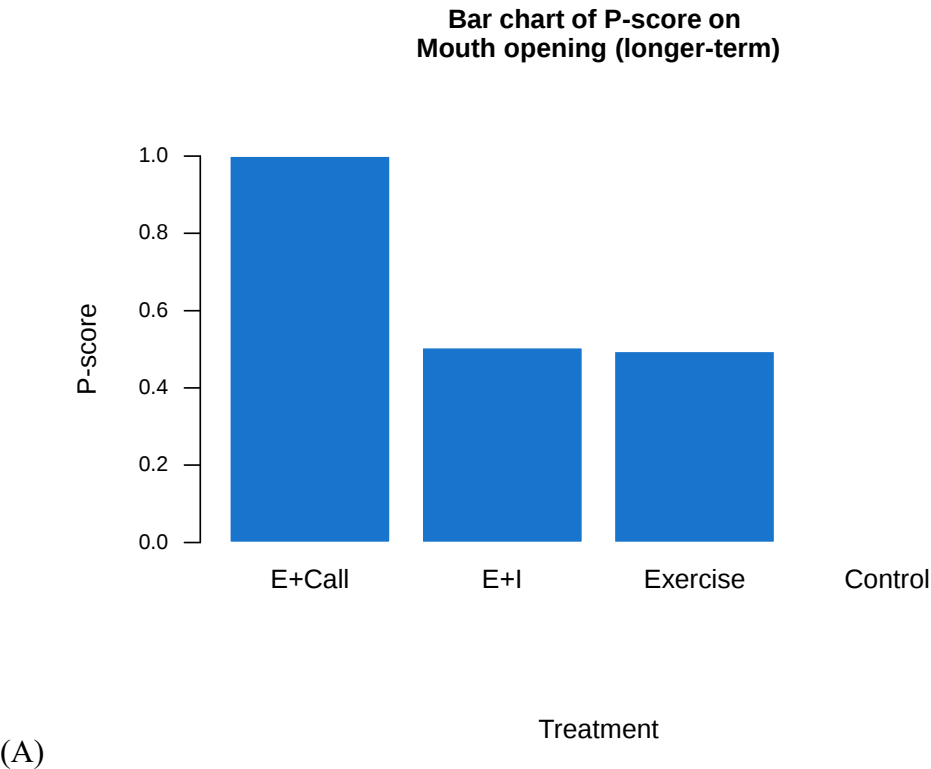
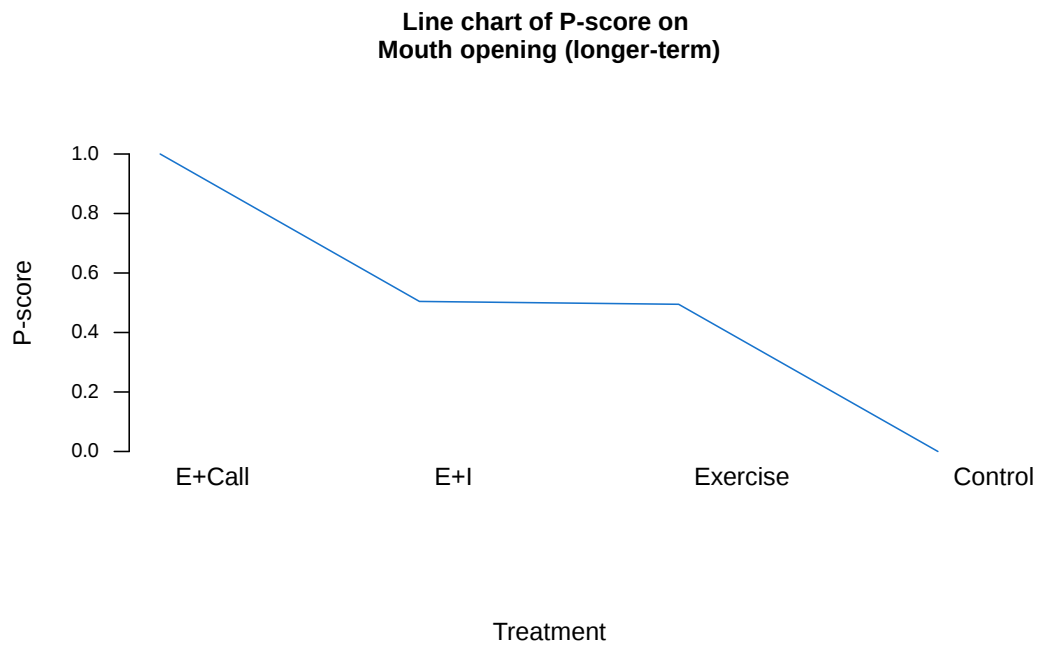


Figure S16 Simple line charts of global metrics of treatment rankings on longer term mouth opening using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.

(A)



(B)

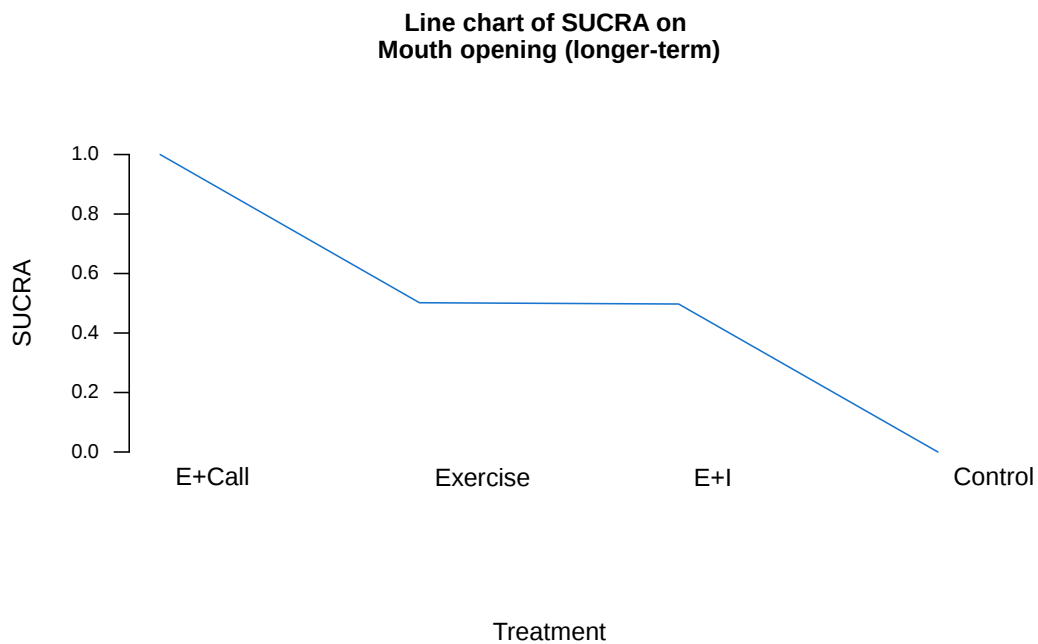


Figure S17 Heat plots of global metrics of treatment rankings on longer term mouth opening using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.

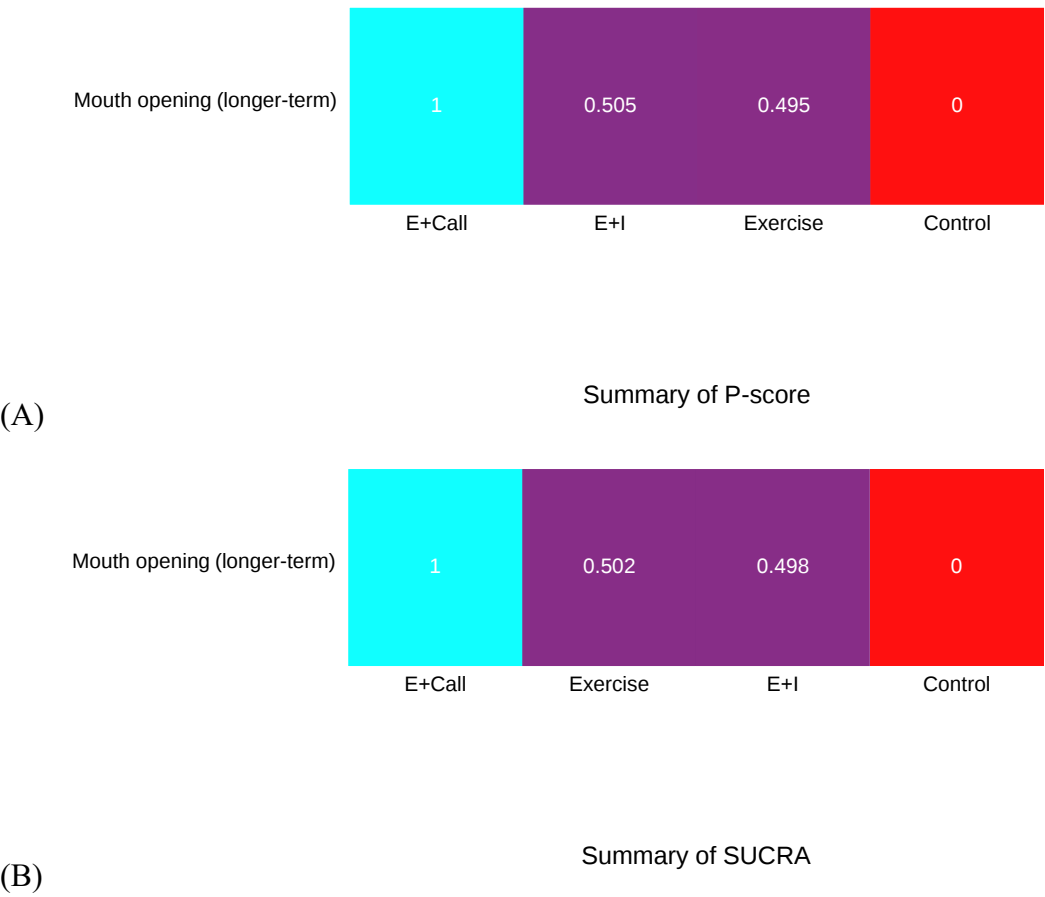


Figure S18 Series of line charts of probability of every exercise module on each possible rank for short-term trismus. Treatment E, exercise; treatment I, instrument.

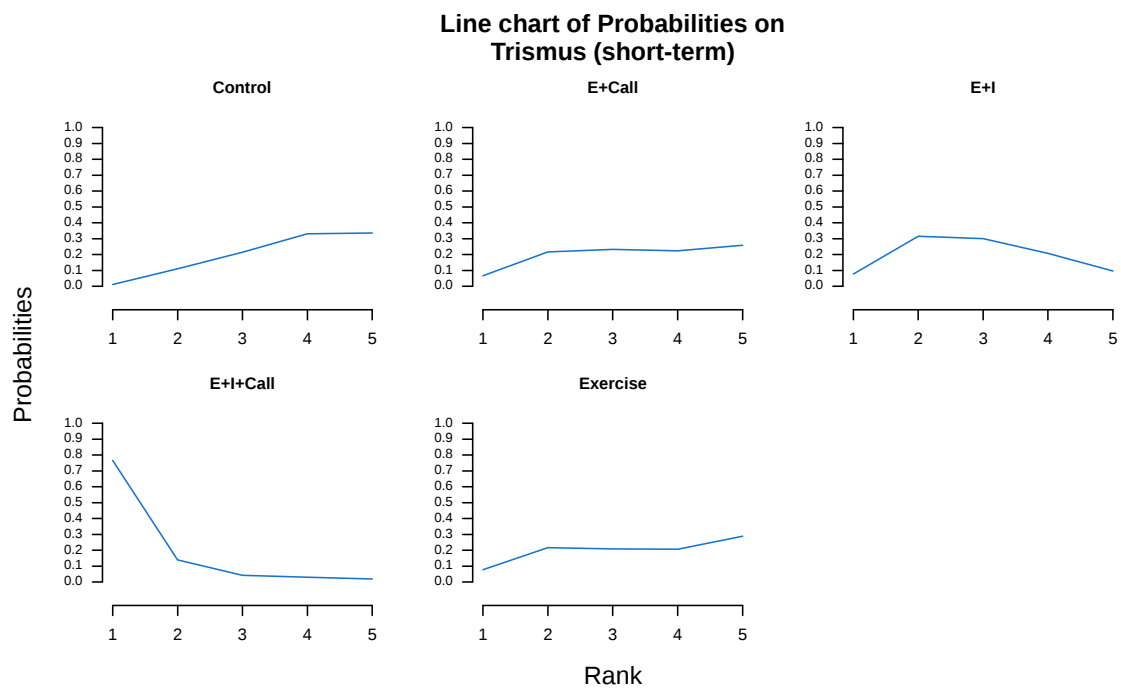


Figure S19 Multi-line plot of probability of every exercise module on each possible rank for short-term trismus. Treatment E, exercise; treatment I, instrument.

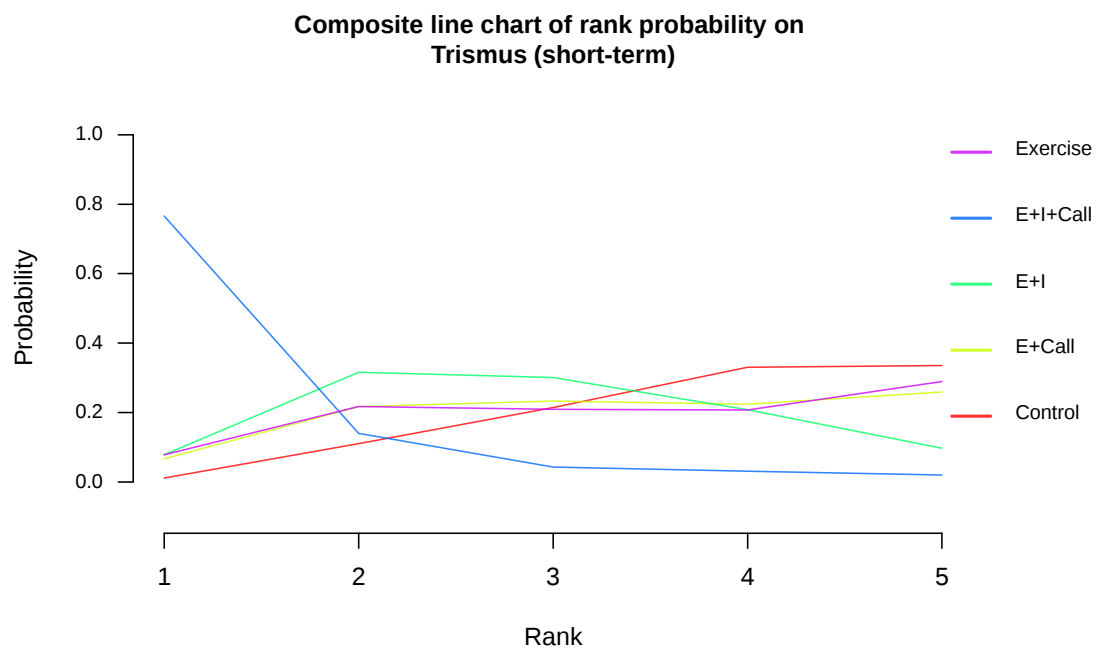


Figure S20 Stacked bar chart of probability of every exercise module on each possible rank for short-term trismus. Treatment E, exercise; treatment I, instrument.

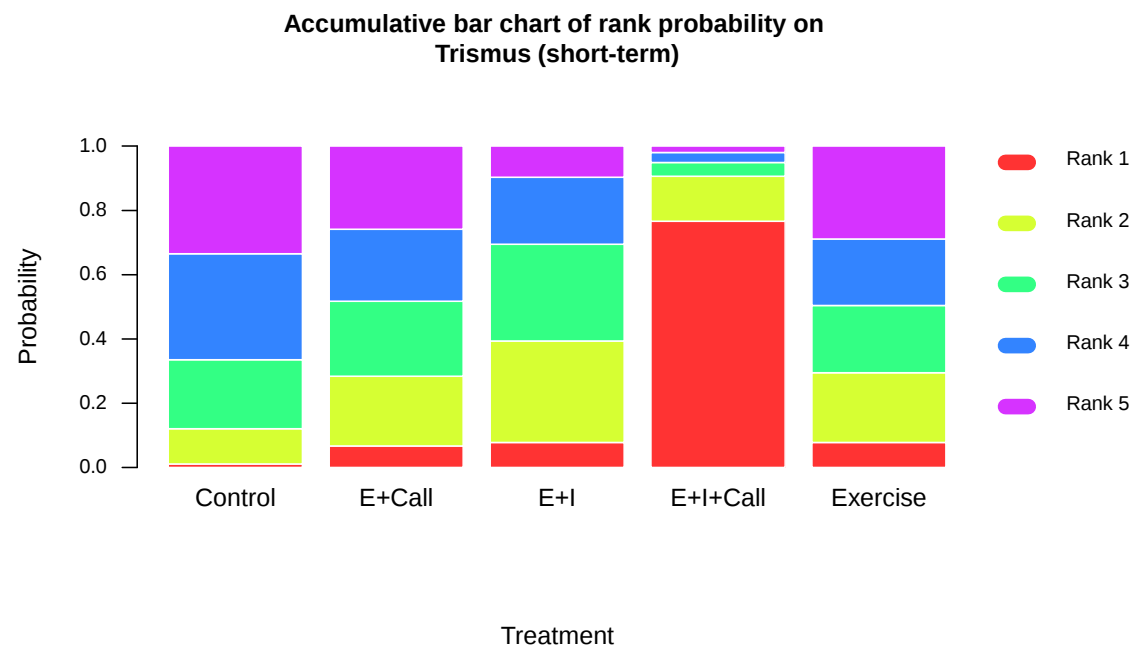


Figure S21 Series of line charts of cumulative probability of every exercise module on possible rank for short-term trismus. Treatment E, exercise; treatment I, instrument.

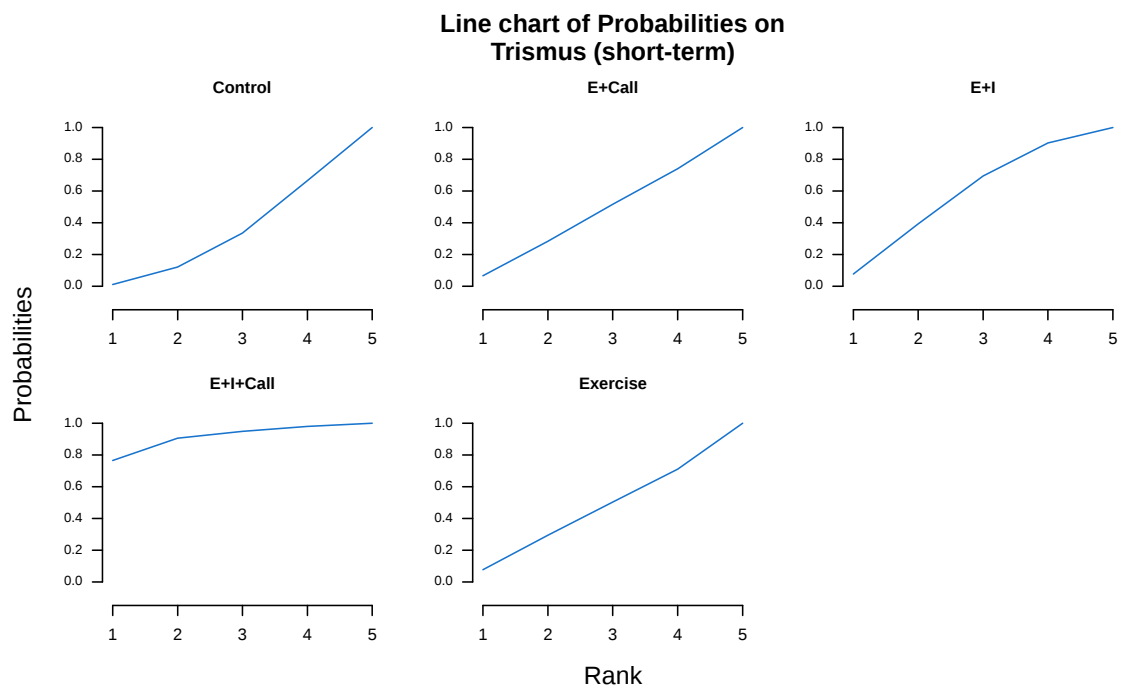


Figure S22 Multi-line plot of cumulative probability of every exercise module on possible rank for short-term trismus. Treatment E, exercise; treatment I, instrument.

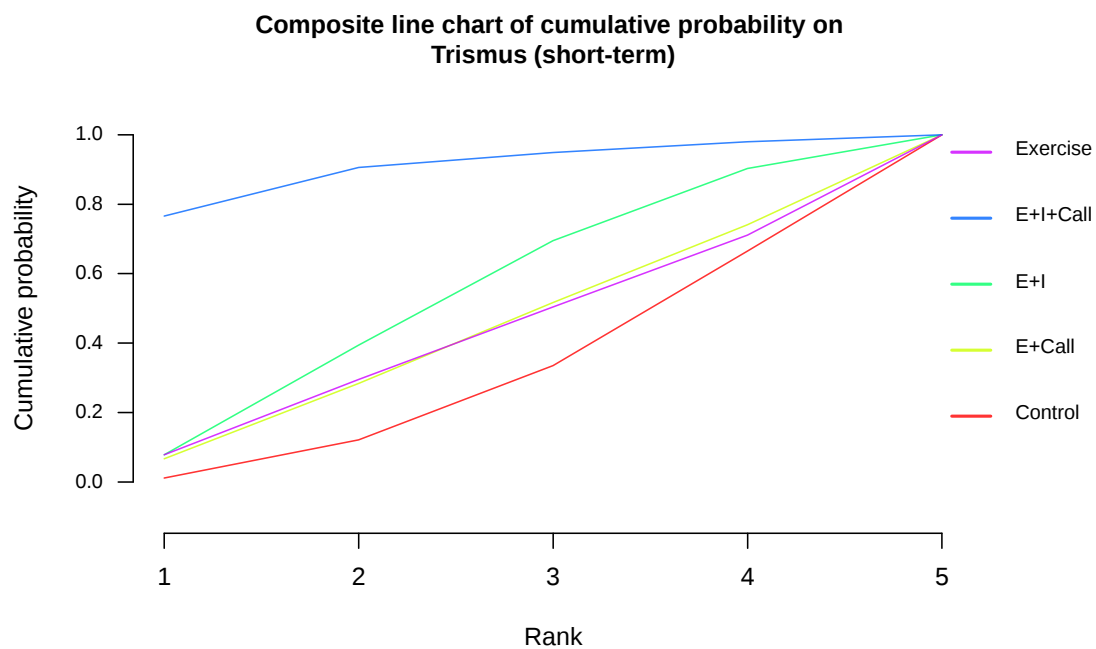


Figure S23 Simple bar charts of global metrics of treatment rankings on short-term trismus using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.

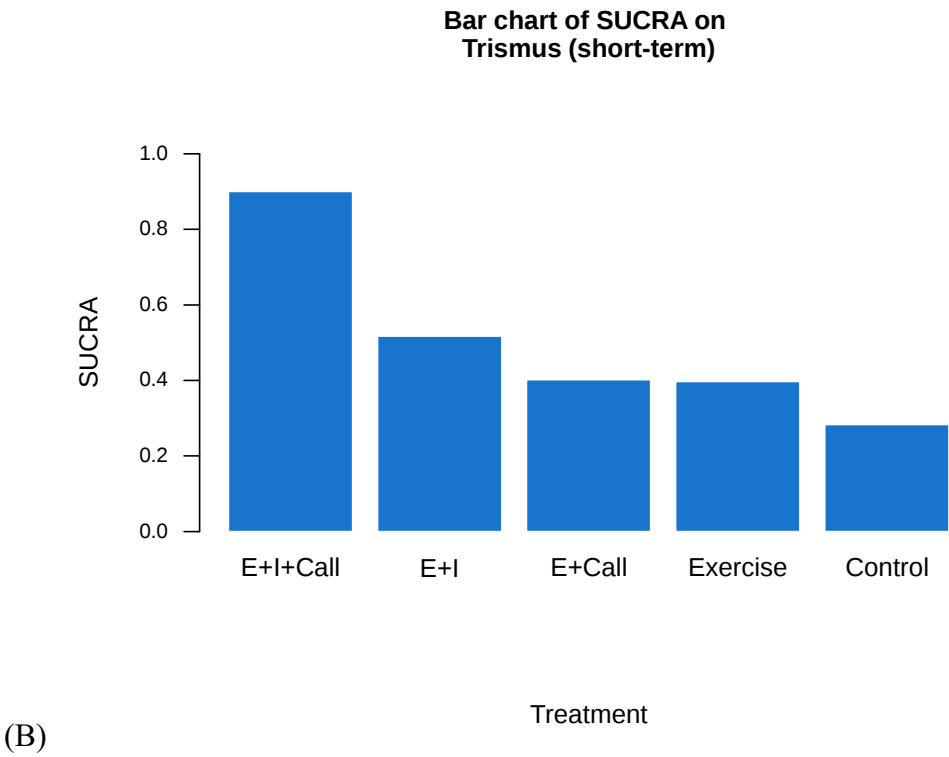
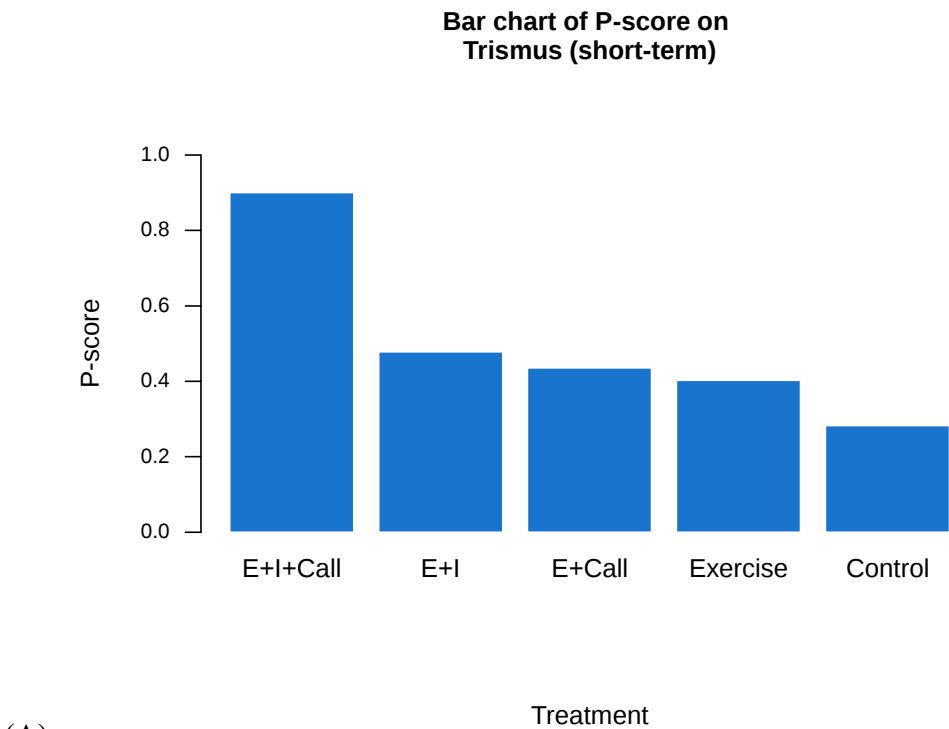


Figure S24 Simple line charts of global metrics of treatment rankings on short-term trismus using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.

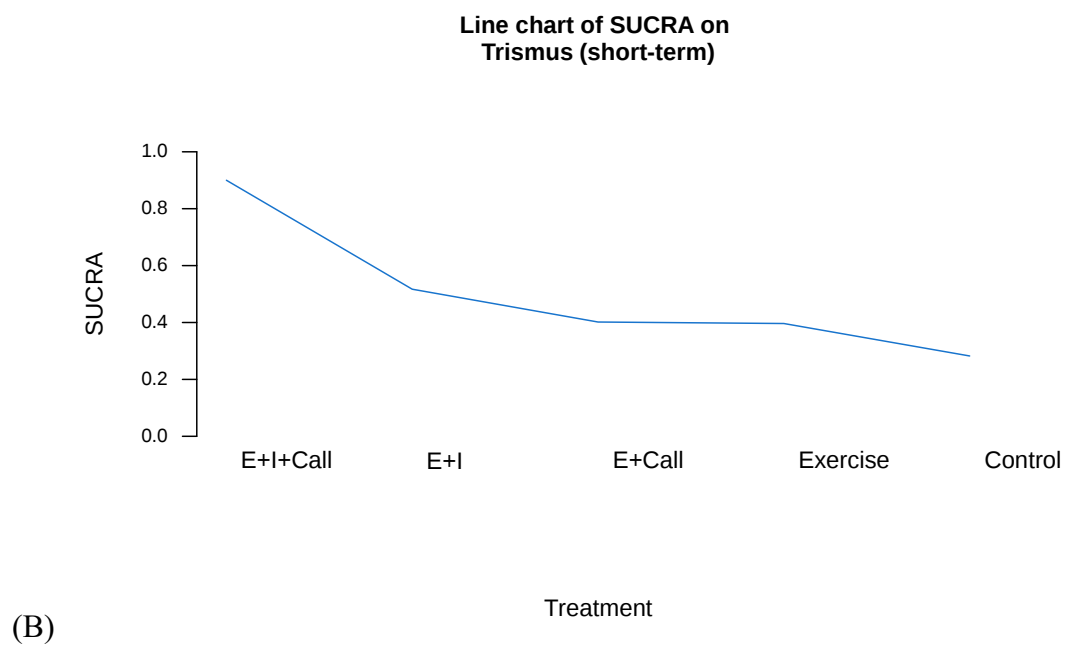
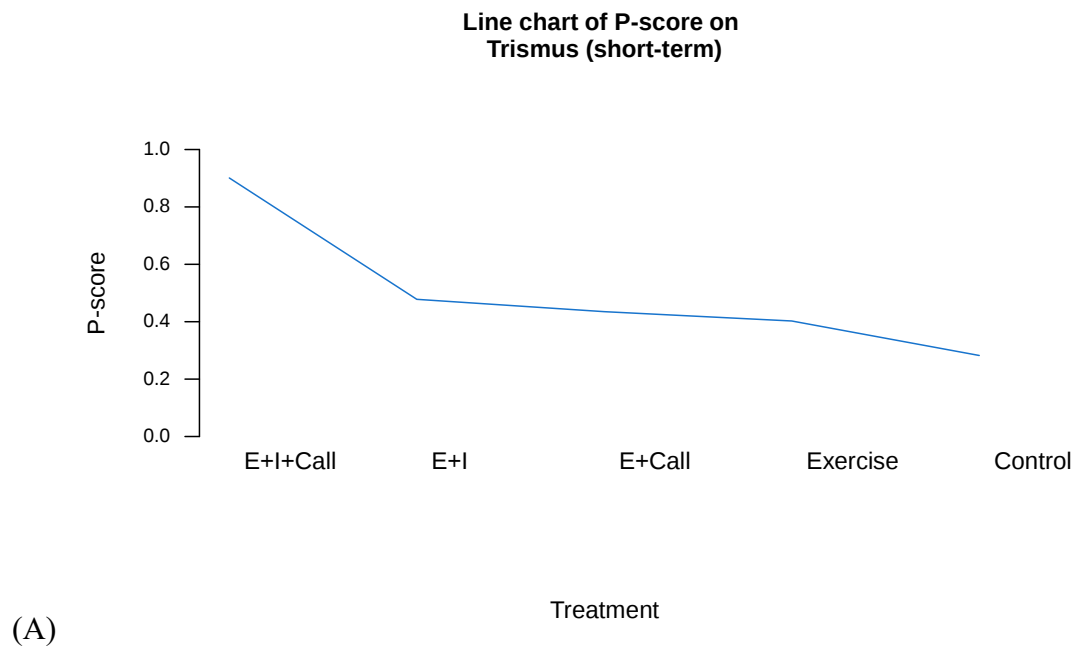
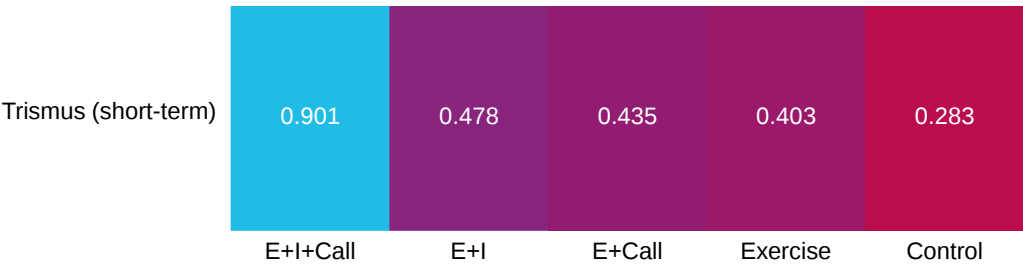
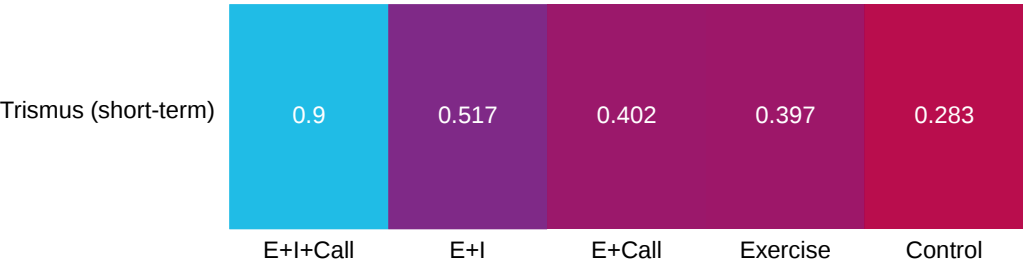


Figure S25 Heat plots of global metrics of treatment rankings on short-term trismus using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.



(A) Summary of P-score



(B) Summary of SUCRA

Figure S26 Series of line charts of probability of every exercise module on each possible rank for longer term trismus. Treatment E, exercise; treatment I, instrument.

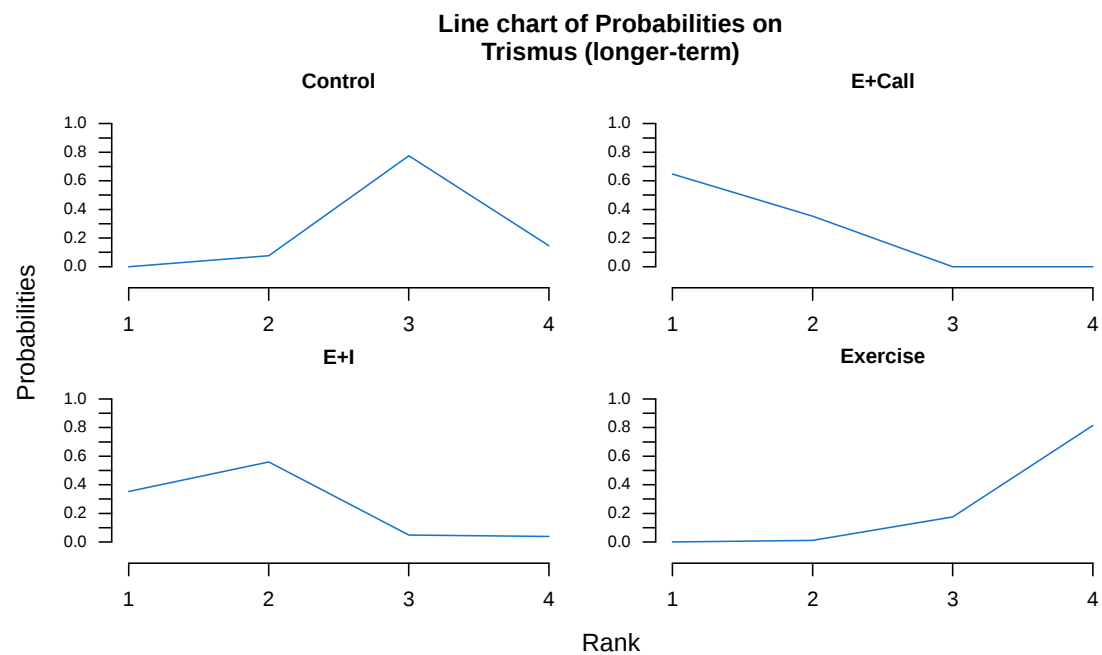


Figure S27 Multi-line plot of probability of every exercise module on each possible rank for longer term trismus. Treatment E, exercise; treatment I, instrument.

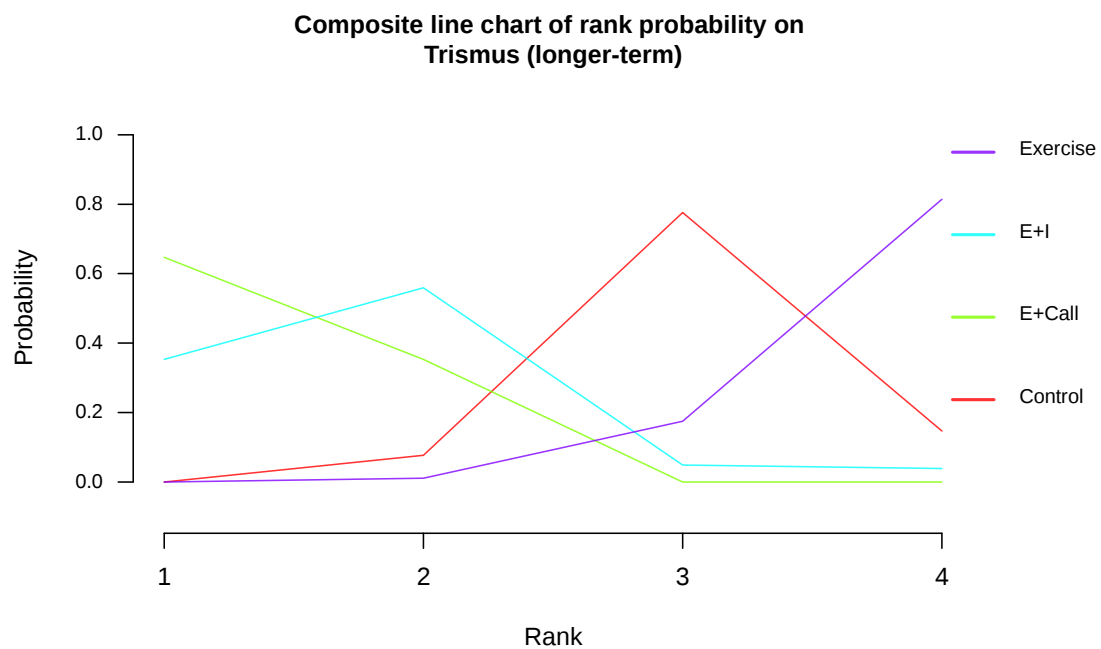


Figure S28 Stacked bar chart of probability of every exercise module on each possible rank for longer term trismus. Treatment E, exercise; treatment I, instrument.

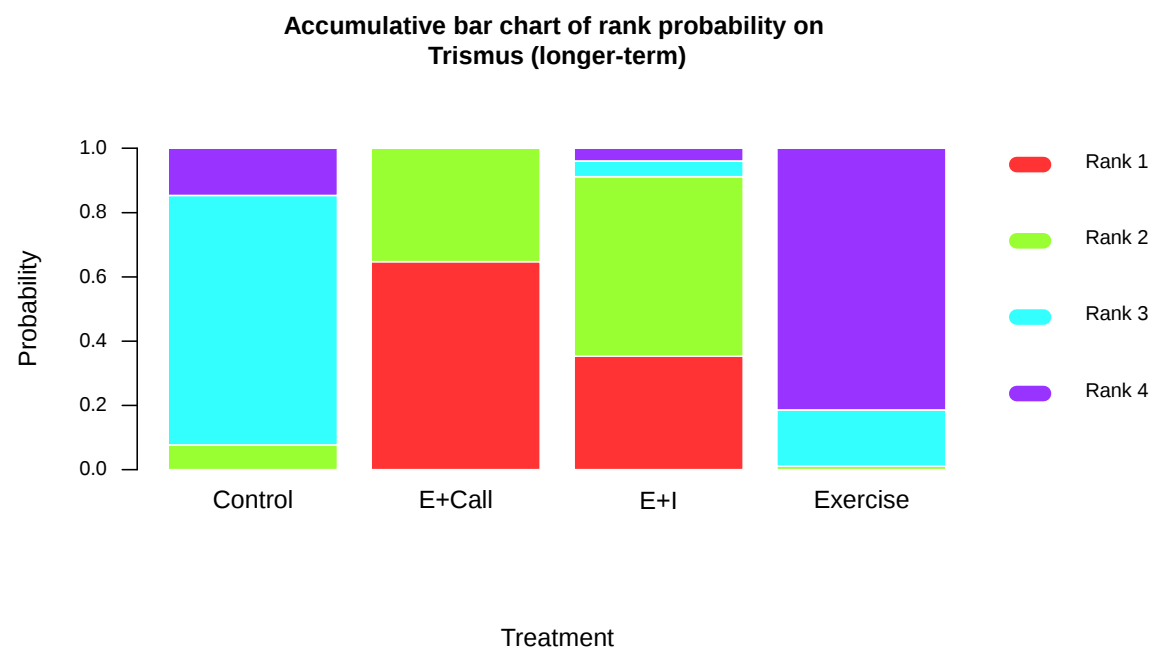


Figure S29 Series of line charts of cumulative probability of every exercise module on possible rank for longer term trismus. Treatment E, exercise; treatment I, instrument.

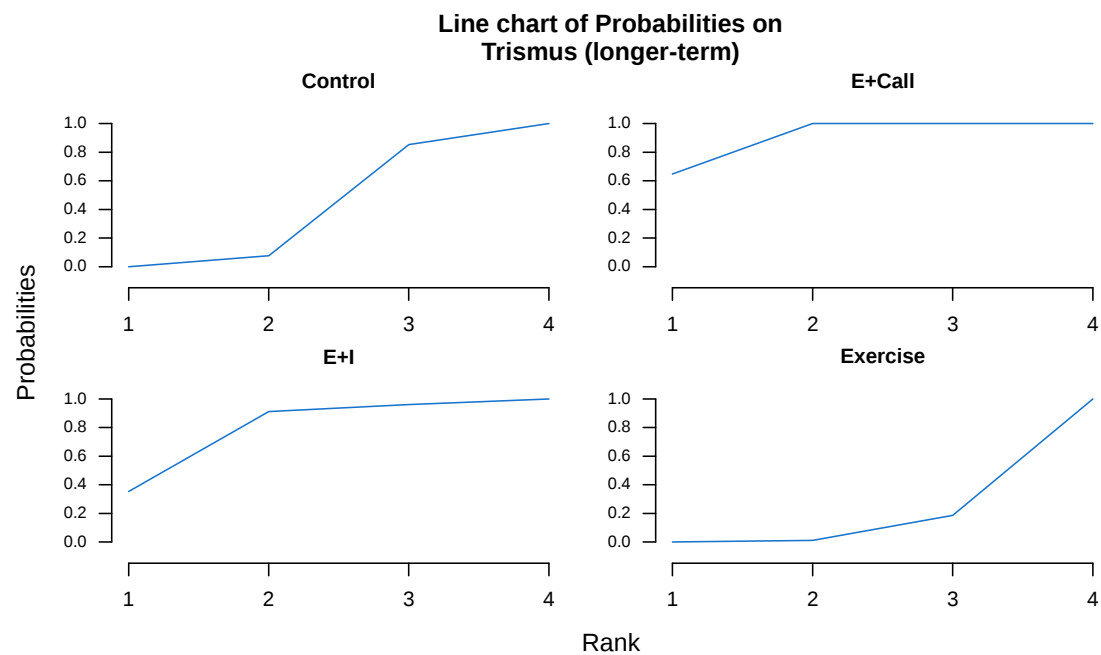


Figure S30 Multi-line plot of cumulative probability of every exercise module on possible rank for longer term trismus. Treatment E, exercise; treatment I, instrument.

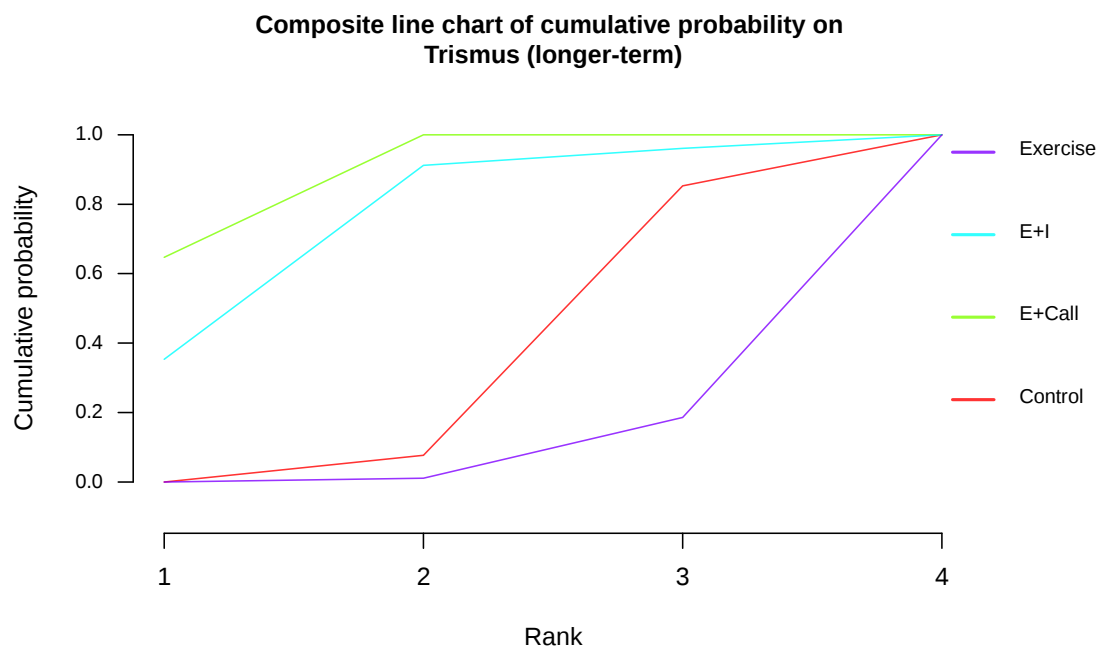
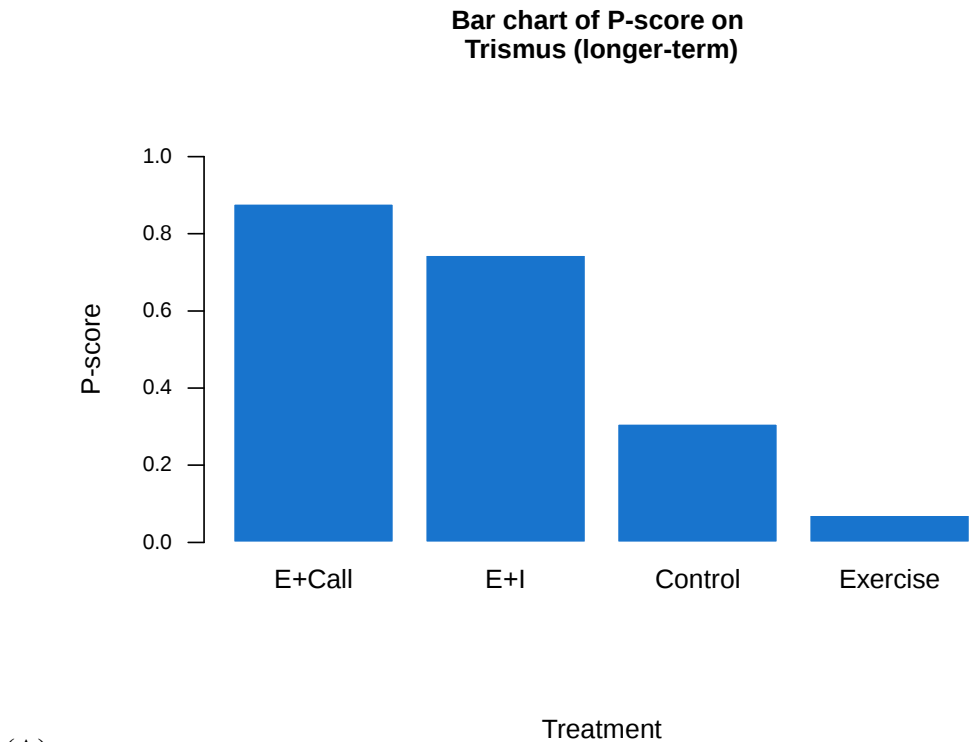
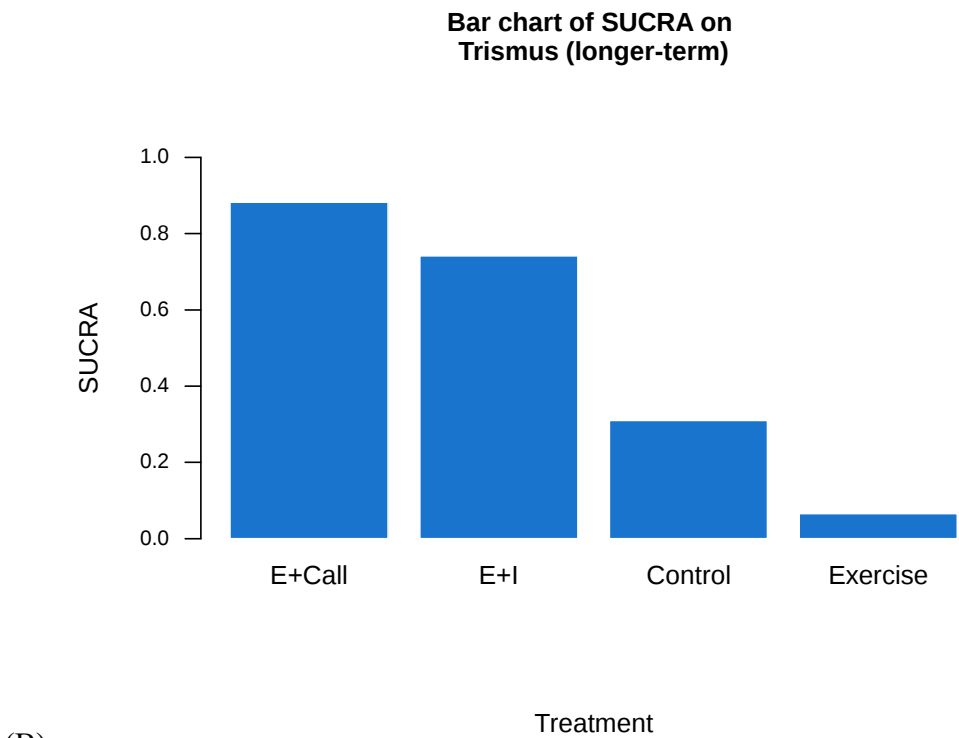


Figure S31 Simple bar charts of global metrics of treatment rankings on longer term trismus using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.



(A)



(B)

Figure S32 Simple line charts of global metrics of treatment rankings on longer term trismus using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.

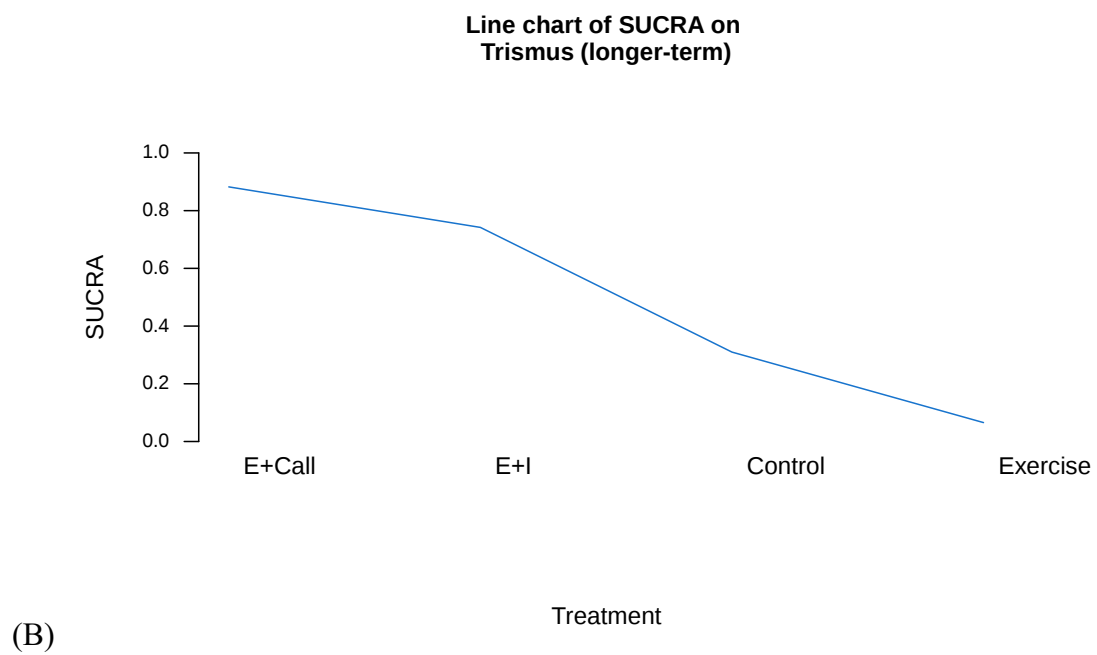
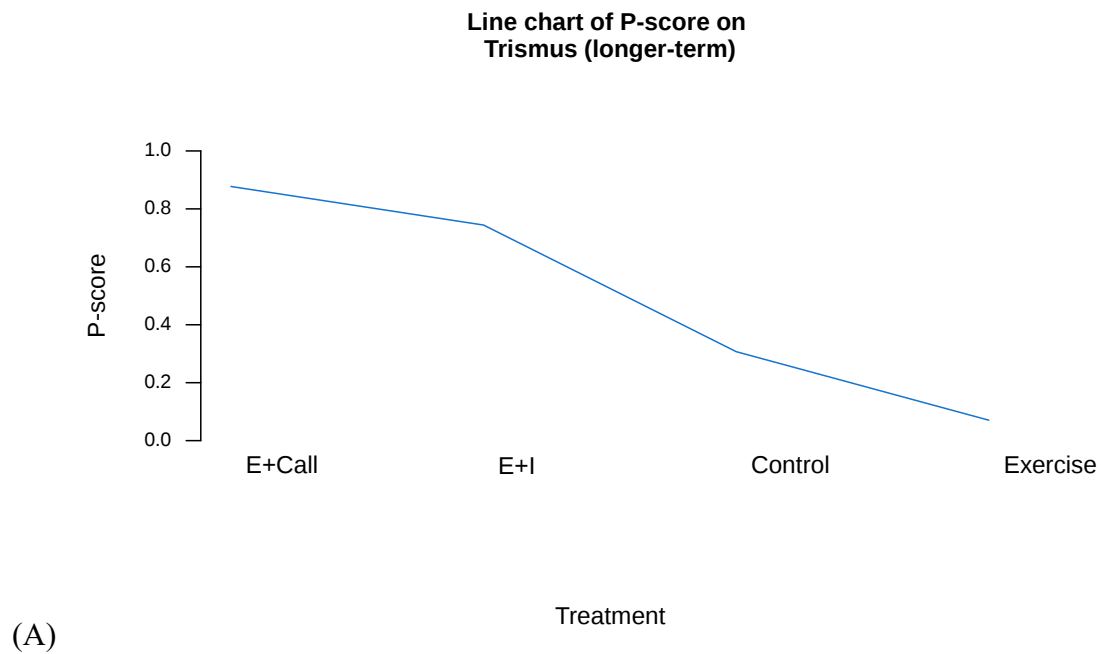
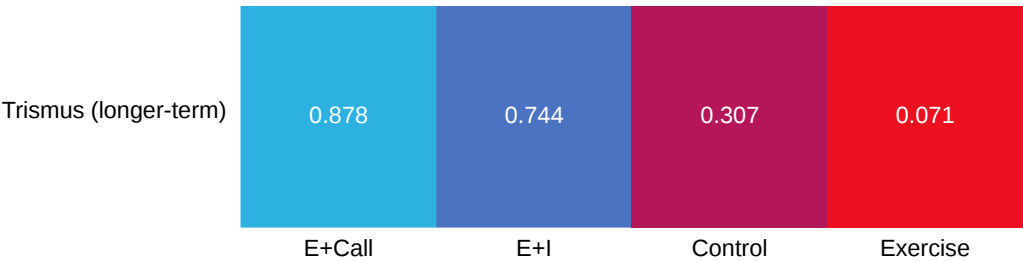
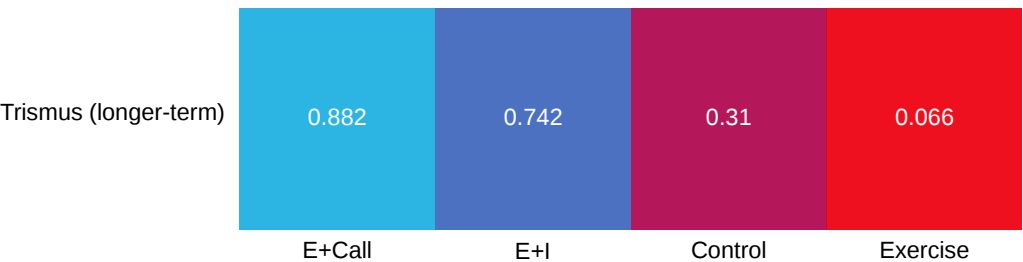


Figure S33 Heat plots of global metrics of treatment rankings on longer term trismus using (A) P-score and (B) SUCRA. Treatment E, exercise; treatment I, instrument.



(A) Summary of P-score



(B) Summary of SUCRA

Figure S34 Spie plot of network meta-analysis on four outcomes using (A) P-score and (B) SUCRA.

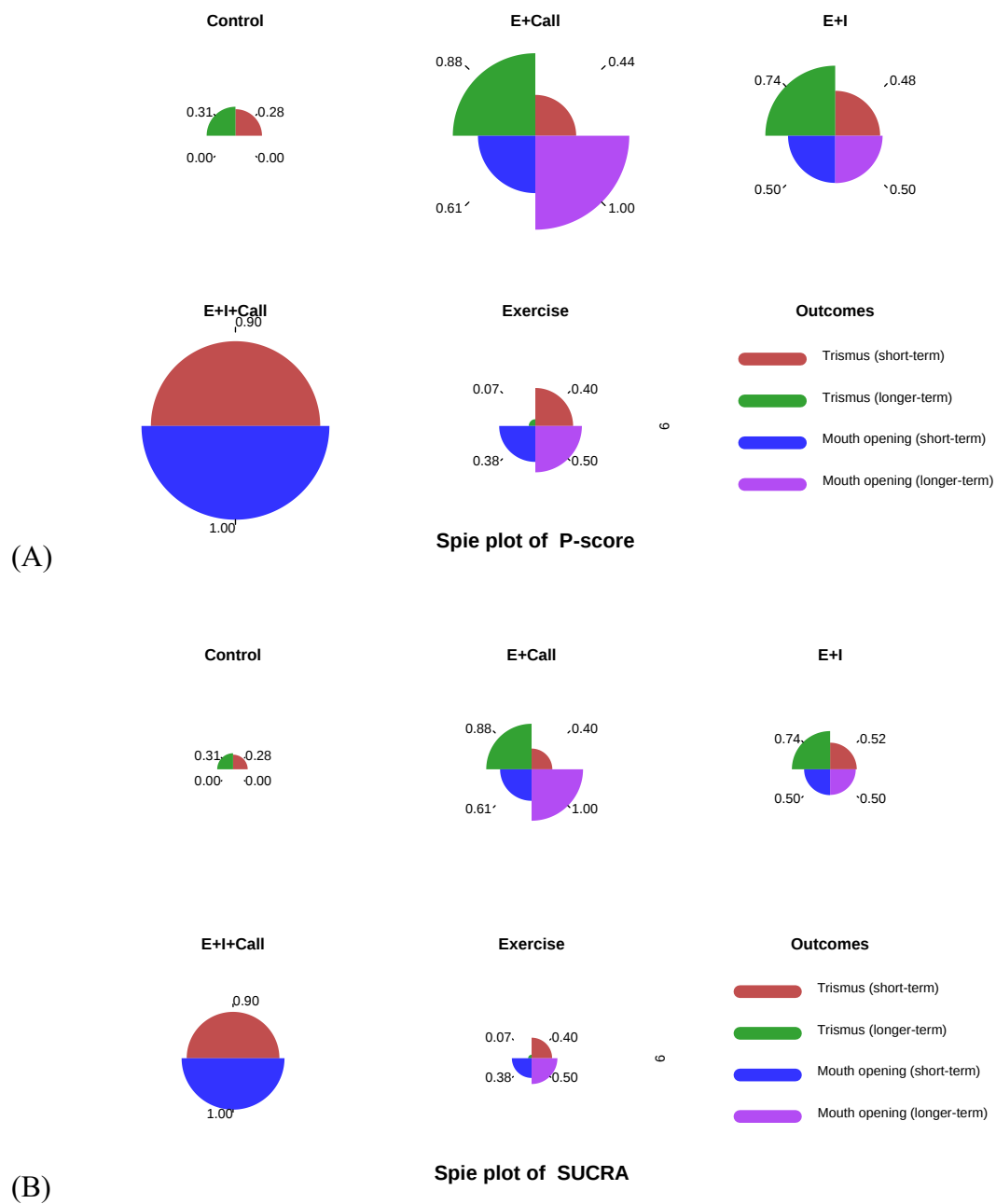
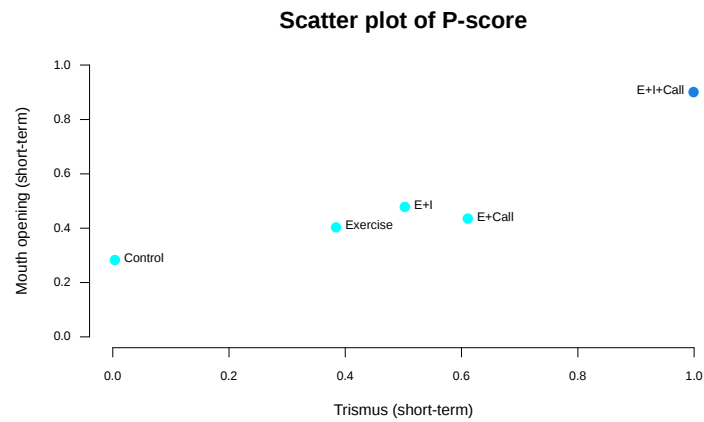
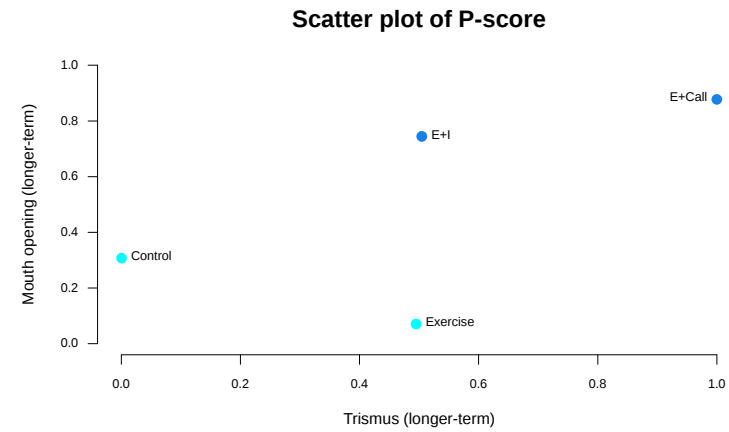


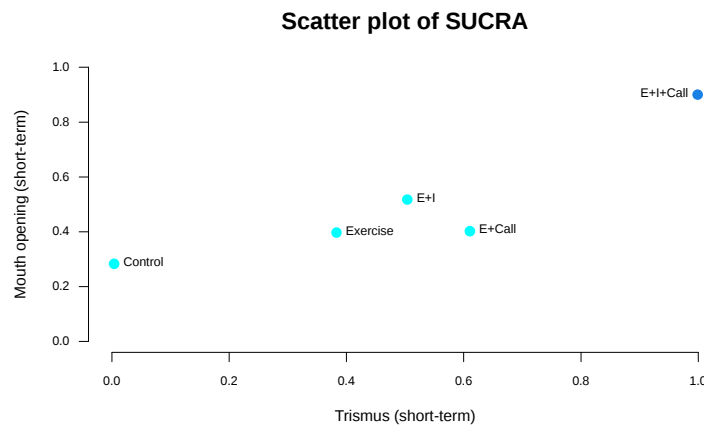
Figure S35 Scatter plot of global metrics of treatment rankings by (A) P-scores between short-term mouth opening and trismus, (B) P-scores between longer term mouth opening and trismus, (C) SCURA between short-term mouth opening and trismus, (D) SCURA between longer term mouth opening and trismus.



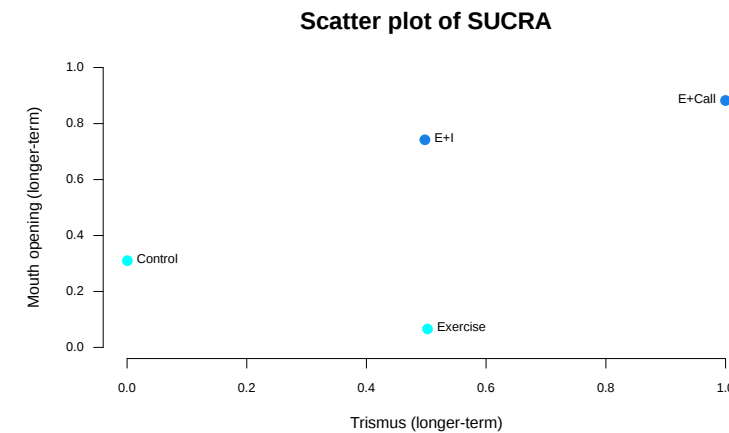
(A)



(B)



(C)



(D)