Systemizing Picture Task (SPT)

Model Factors

A. Group
- ASD
- Control (CTL)

B. Treatment
- Oxytocin (OT)
- Placebo (PL)

C. Picture Systemizing
- Least systemized
- Less systemized
- More systemized
- Most systemized

Outcomes

A. Fixation time
B. Fixation count
Fixation time (proportional)
(Estimated marginal means)

Level of Picture Systemizing

A

ASD

PL
- OT

B

CTL

* * *

NS

NS

NS

NS

Less

More

Most

Least
Effects of Intranasal Oxytocin

A. Slope of fixation time vs. systemizing

B. Group and Treatment

Non-Social: Systemizing

Social: Empathizing

Oxytocin level

LOW  NORMAL  HIGH

ASD

CTL

ASD_{PL} \rightarrow ASD_{OT}

CTL_{PL} \rightarrow CTL_{OT}

\beta_{\text{systemization}} (x10^{-3} \pm SE)