Participant number: (Total n=60)

Cleaned data with: excluding RT>4000,RT<180 (consistent with what Rui did)</li>

CMat: Alternative trials

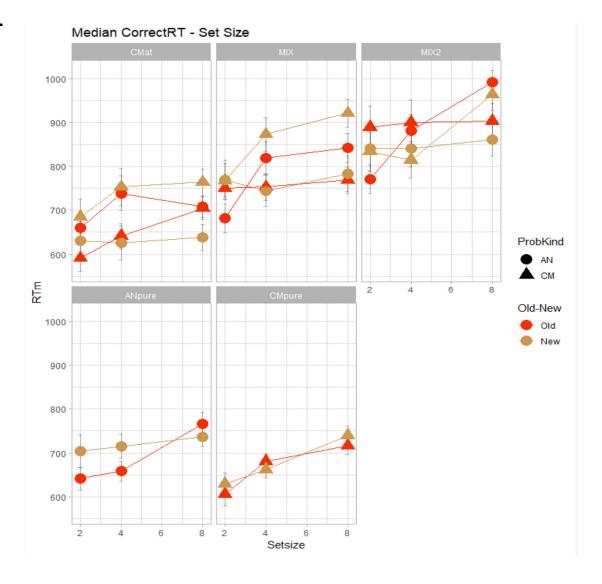
MiX: mix AN/CM with 8 CM on each side MIX2: mix an/cm with 4 cm on each side

## Median correct RT

CMat: Alternative trials

MiX: mix AN/CM with 8 CM on each side

MIX2: mix an/cm with 4 cm on each side

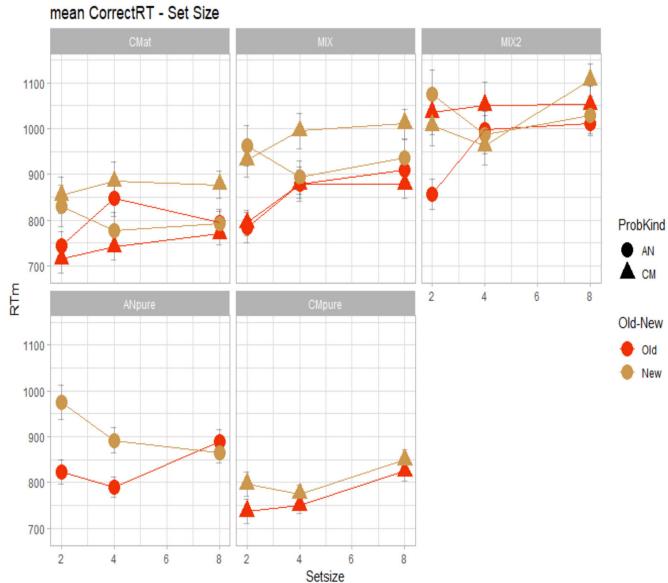


## Mean correct RT

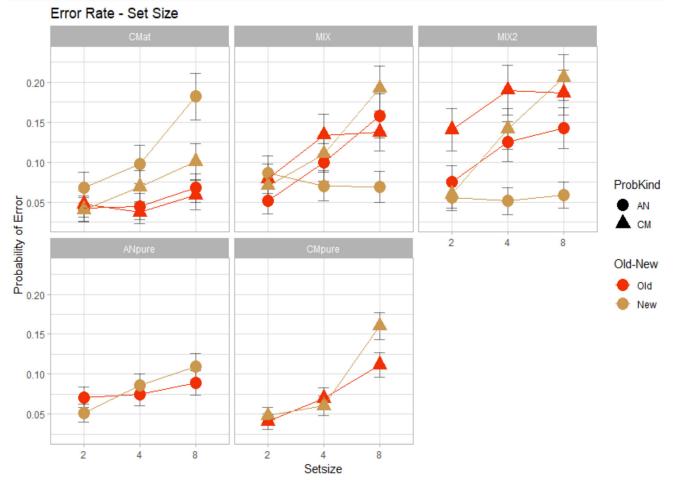
CMat: Alternative trials

MiX: mix AN/CM with 8 CM on each side

MIX2: mix an/cm with 4 cm on each side



## **Error Rate**



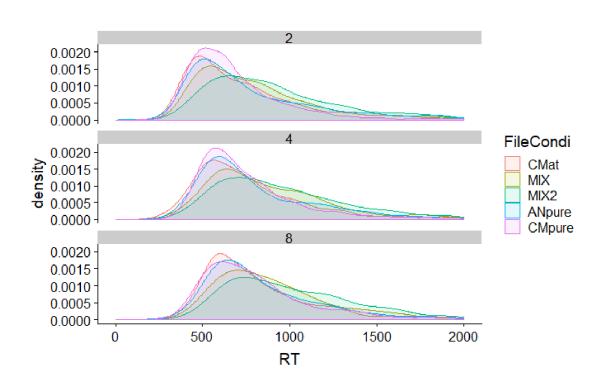
Error rate plot for different blocks are similar, so not presented here

CMat: Alternative trials

MiX: mix AN/CM with 8 CM on each side

MIX2: mix an/cm with 4 cm on each side

## Density plots for RT (for setsize 2,4,8)



CMat: Alternative trials

MiX: mix AN/CM with 8 CM on each side MIX2: mix an/cm with 4 cm on each side