# In Excel:

## INHIBITION

rename sessionbatchname recordid

\* binary accuracy variable

if correct\_outcome = "Correct" then inh\_accuracy=1; else if correct\_outcome = "Incorrect" then inh\_accuracy=0; else inh\_accuracy=.

\*creating a binary responded variable for summing # responded, responded=1 timedout=0;

if responded\_outcome="Responded" then responded\_binary=1;

else if responded\_outcome=. then responded\_binary=0

gen record\_type\_no where "practice event" = 0 and "trial event" = 1

distt\_calculated=SQRT((([activetargetpos\_x]^2)+(([first\_touch\_pos\_y]-[active\_dot\_pos\_y])^2)))

Original formula: distt\_calculated = sqrt(((first\_touch\_pos\_x - activetargetpos\_x)\*\*2) + ((first\_touch\_pos\_y - active\_dot\_pos\_y)\*\*2));

delete rows that are duplicate data & shifted (not under correct variable headers)

delete summary lines & headers (calc\_group to first\_touch\_avg\_resp\_time)

## WORKING MEMORY

rename sessionbatchname recordid

gen record\_type\_no where "practice event" = 0 and "trial event" = 1

create variable with # of touches / misses per trial. e.g. if load=3, touch=2 then miss=1

Can code up as: load (AI) - probe\_touch\_count (CU) = missed\_targets

delete rows that are duplicate data & shifted (not under correct variable headers)

add wm\_ prefix before all variables except recordid

change stimuli A 🡪 1, B 🡪 2, C 🡪 3

## Endline

As above but add prefix end