**Email to Chris**

heyo,

last subway analysis of the year. have a good break!  
  
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i've done a GLM comparing distance to line change vs distance to exchange station. in this analyses, i'm running the regression such that:

- all modulations are done on regular stations

- i'm not using distance\_to\_goal values for distance\_to\_subgoal. so if there was any common region (there's none) it would be because humans are treating the goal as a subgoal.

most effects are driven by distance to line change. there's a deactivation when you get closer to line change in SMA and MCC (see contrast "Dchange").  
there's also the usual effect in vmPFC. i send you the contrasts. notation:

change = line change  
exchange = exchange station

goal = either distance to goal or time since start  
D = distance to [next]

T = time since [previous]

TD = interaction

also, have a look at the raw data (only journeys with all trials correct) for 3 masks from this glm: vmpfc, mcc and sma (figures attached too).

notation:

R\_G = relative distance to goal

D\_    = distance to (in number of stations)

T\_    = time since (in number of trials/stations)

G     = goal

0      = start point

C     = line change

X     = exchange station

it seems like the distance to change is not very strong, or is driven by a deactivation when you're 6 stations far away....

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