## Dynamic stimulus encoding in S1 Hit vs CR classification **G**using 10 trials only Miss vs CR classification 0:0 0:0 0:0 a e Hit vs CR classification 0 0 0 1 only Rew. only vs CR classification Miss 芸 Rew. <u>-</u>2 -1-1Time (s) Time (s) Time (s) Time (s) Dynamic stimulus encoding in S2 b h Hit vs CR classification using 10 trials only Hit vs CR classification 0 0 0 1 Rew. only vs CR classification Miss Ħ Rew. 3 **-**2 -10 2 -10 2 -2 0 2 -10 Time (s) Time (s) Time (s) Time (s) Dynamic stimulus encoding in S1 using 2.0 second windows Miss vs CR classification Miss vs CR classification 9:00.00.00.00 Response times and decoded Pearson r between response time and significance: 🕻 Hit vs CR classification decoded prediction for all sessions predictions of all hit trials of 1 session Pearson correlation r 1.00 -0.4 -Ħ 0.2 0.0 Reward only averaging r = -0.07window p = 0.722n.s. 500 750 0 0 250 1000 Time (s) Time (s) Response time (ms) Dynamic stimulus encoding in S2 using 2.0 second windows Miss vs CR classification O 0 0 1 0 0 Ħ **-**2 0 **-**2 0 2 3 1 Time (s) Time (s)