**A** Overlap among cue features at cue-onset:
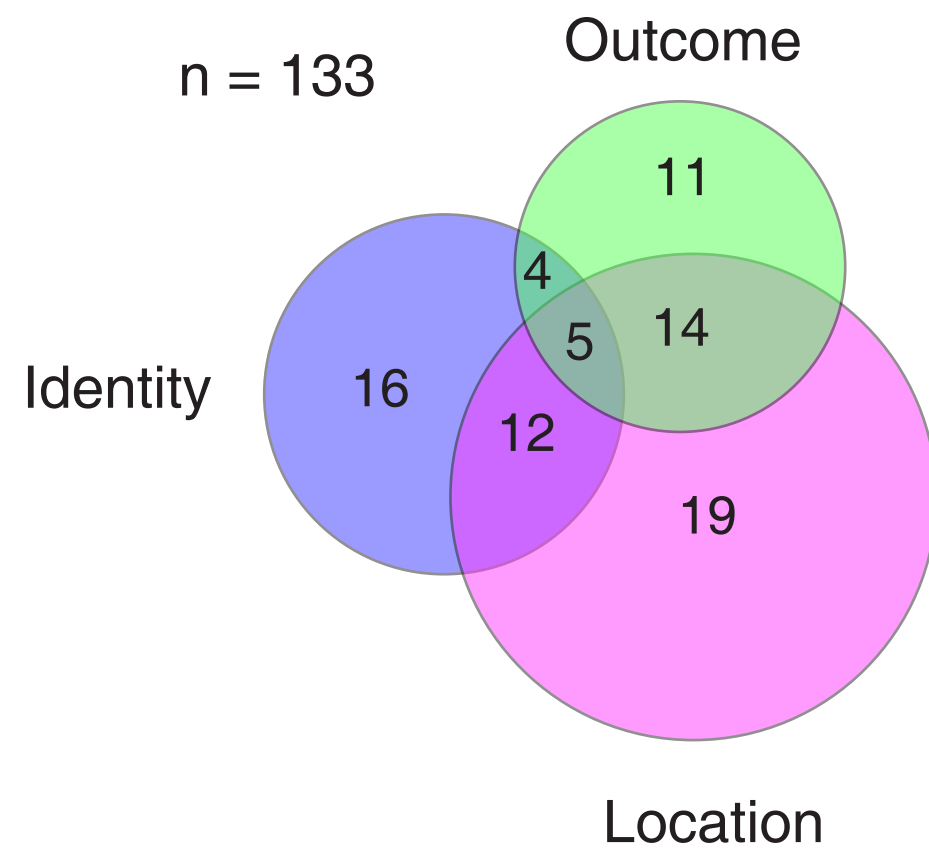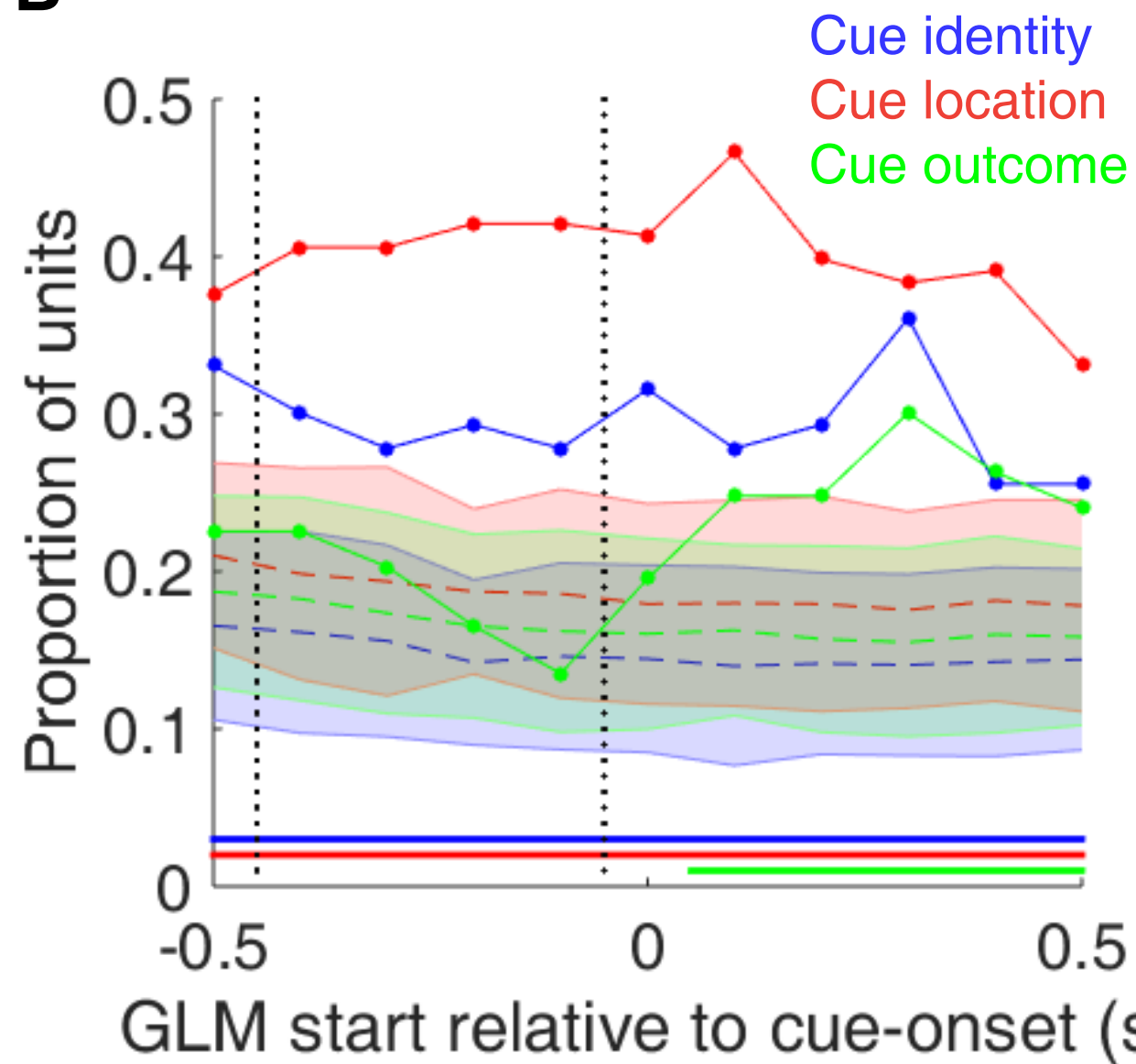
n = 133

Outcome

Identity

Location

11

4

5    14

16

12

19

**B**

Cue identity
Cue location
Cue outcome

Proportion of units

0.5

0.4

0.3

0.2

0.1

0

GLM start relative to cue-onset (s)

-0.5          0          0.5

**C**

Cue identity
Cue location
Cue outcome

Classification rate

1

0.8

0.6

0.4

0.2

0

LDA start relative to cue-onset (s)

-0.5          0          0.5