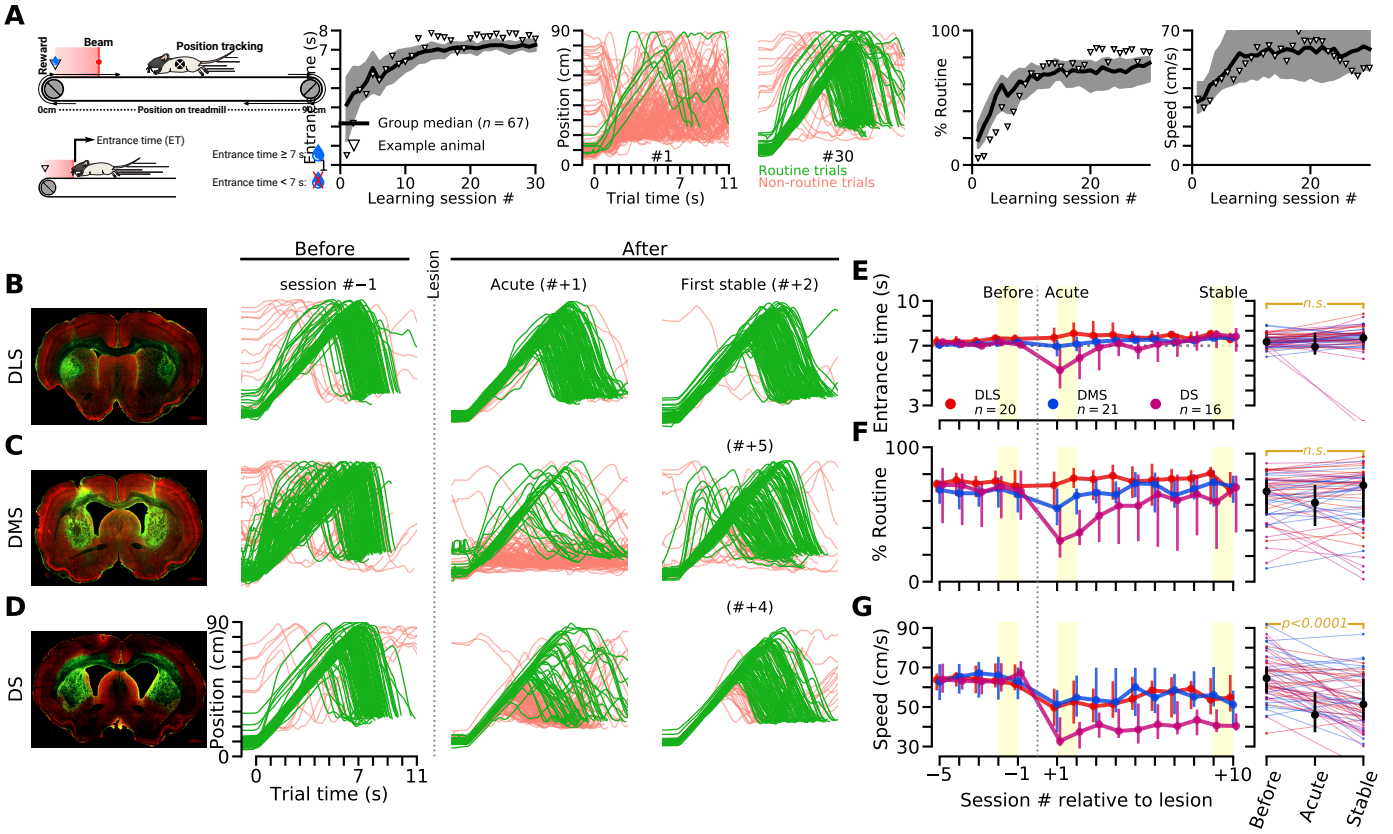
A
Reward
Beam
Position tracking
0cm
Position on treadmill
90cm
Entrance time (ET)
Entrance time ≥ 7 s:
Entrance time < 7 s:
Entrance time (s)
Group median (n = 67)
Example animal
Learning session #
Position (cm)
#1
Trial time (s)
#30
Routine trials
Non-routine trials
% Routine
Speed (cm/s)
Learning session #
B
C
D
DLS
DMS
DS
Before
After
Lesion
session #−1
Acute (#+1)
First stable (#+2)
(#+5)
(#+4)
Position (cm)
Trial time (s)
E
F
G
Before
Acute
Stable
Entrance time (s)
DLS n = 20
DMS n = 21
DS n = 16
n.s.
% Routine
n.s.
Speed (cm/s)
p<0.0001
Session # relative to lesion
Before
Acute
Stable