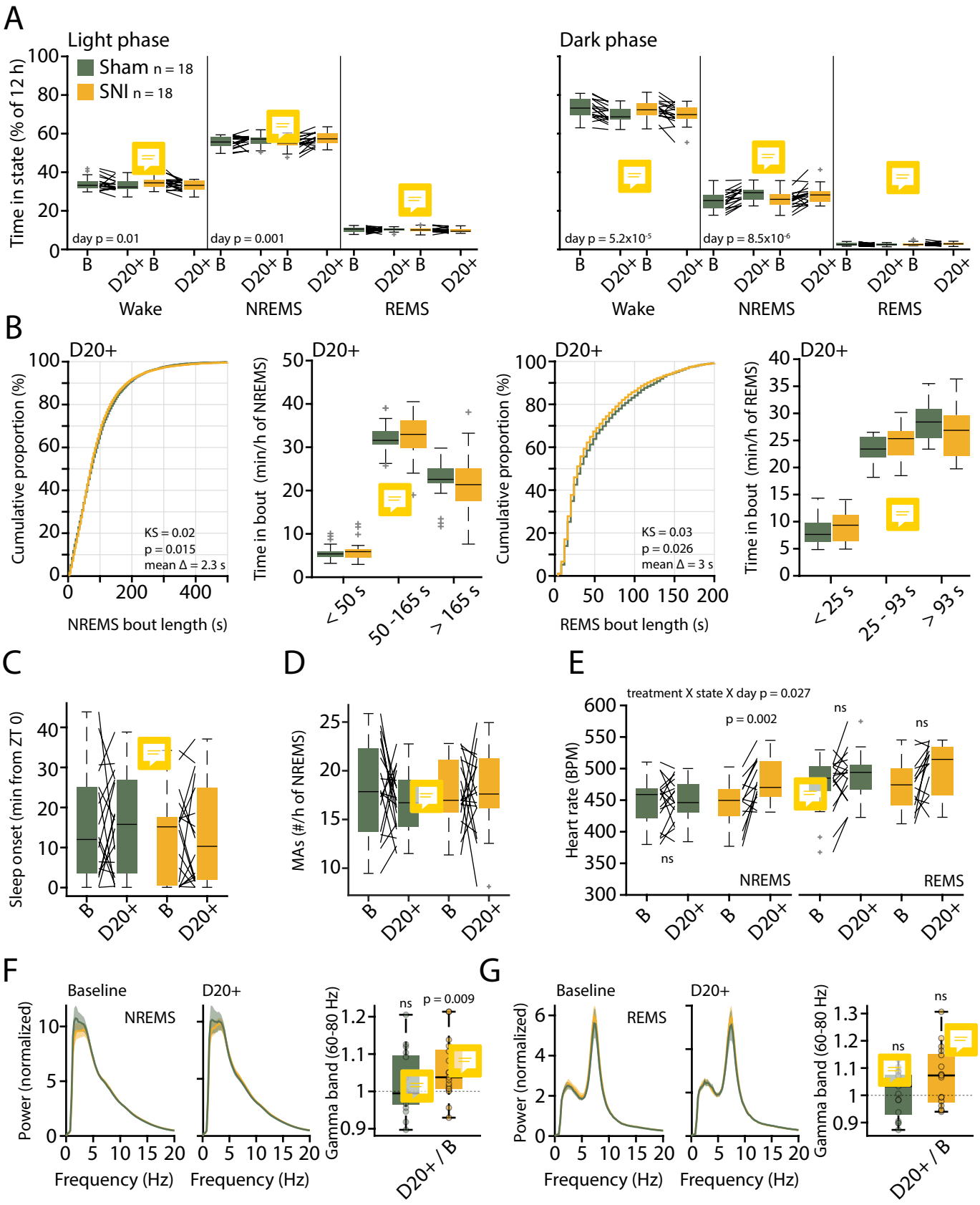
A
Light phase
Sham n = 18
SNI n = 18
Time in state (% of 12 h)
day p = 0.01
day p = 0.001
Wake
NREMS
REMS
Dark phase
day p = 5.2x10-5
day p = 8.5x10-6
B
D20+
Cumulative proportion (%)
KS = 0.02
p = 0.015
mean Δ = 2.3 s
NREMS bout length (s)
Time in bout (min/h of NREMS)
< 50 s
50 - 165 s
> 165 s
KS = 0.03
p = 0.026
mean Δ = 3 s
REMS bout length (s)
Time in bout (min/h of REMS)
< 25 s
25 - 93 s
> 93 s
C
Sleep onset (min from ZT 0)
D
MAs (#/h of NREMS)
E
treatment X state X day p = 0.027
Heart rate (BPM)
p = 0.002
ns
NREMS
REMS
F
Baseline
D20+
NREMS
Power (normalized)
Frequency (Hz)
Gamma band (60-80 Hz)
p = 0.009
D20+ / B
G
REMS