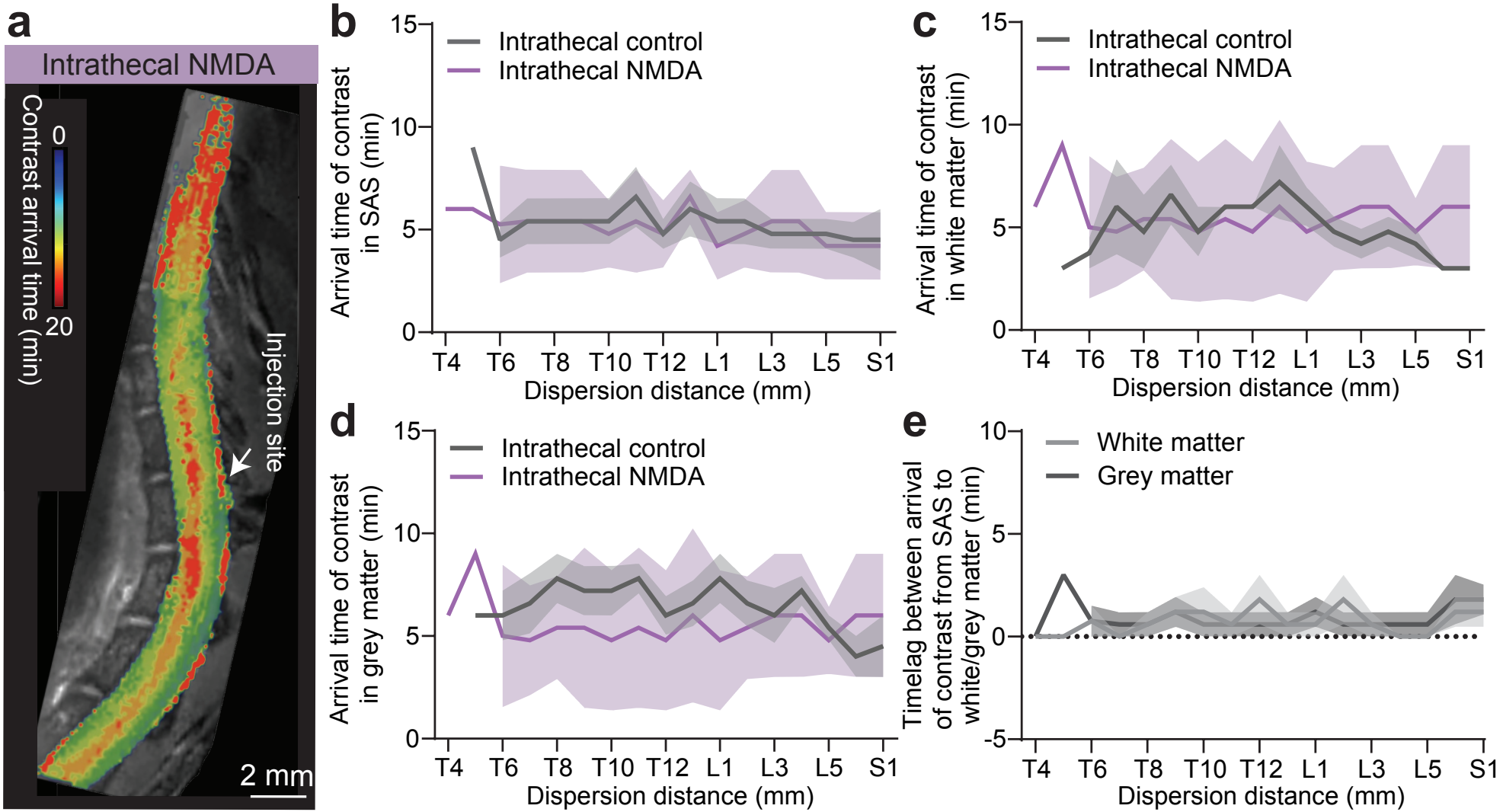

a
Intrathecal NMDA
Contrast arrival time (min)
0
20
Injection site
2 mm
b
Intrathecal control
Intrathecal NMDA
Arrival time of contrast in SAS (min)
15
10
5
0
T4 T6 T8 T10 T12 L1 L3 L5 S1
Dispersion distance (mm)
c
Intrathecal control
Intrathecal NMDA
Arrival time of contrast in white matter (min)
15
10
5
0
T4 T6 T8 T10 T12 L1 L3 L5 S1
Dispersion distance (mm)
d
Intrathecal control
Intrathecal NMDA
Arrival time of contrast in grey matter (min)
15
10
5
0
T4 T6 T8 T10 T12 L1 L3 L5 S1
Dispersion distance (mm)
e
White matter
Grey matter
Timelag between arrival of contrast from SAS to white/grey matter (min)
10
5
0
-5
T4 T6 T8 T10 T12 L1 L3 L5 S1
Dispersion distance (mm)