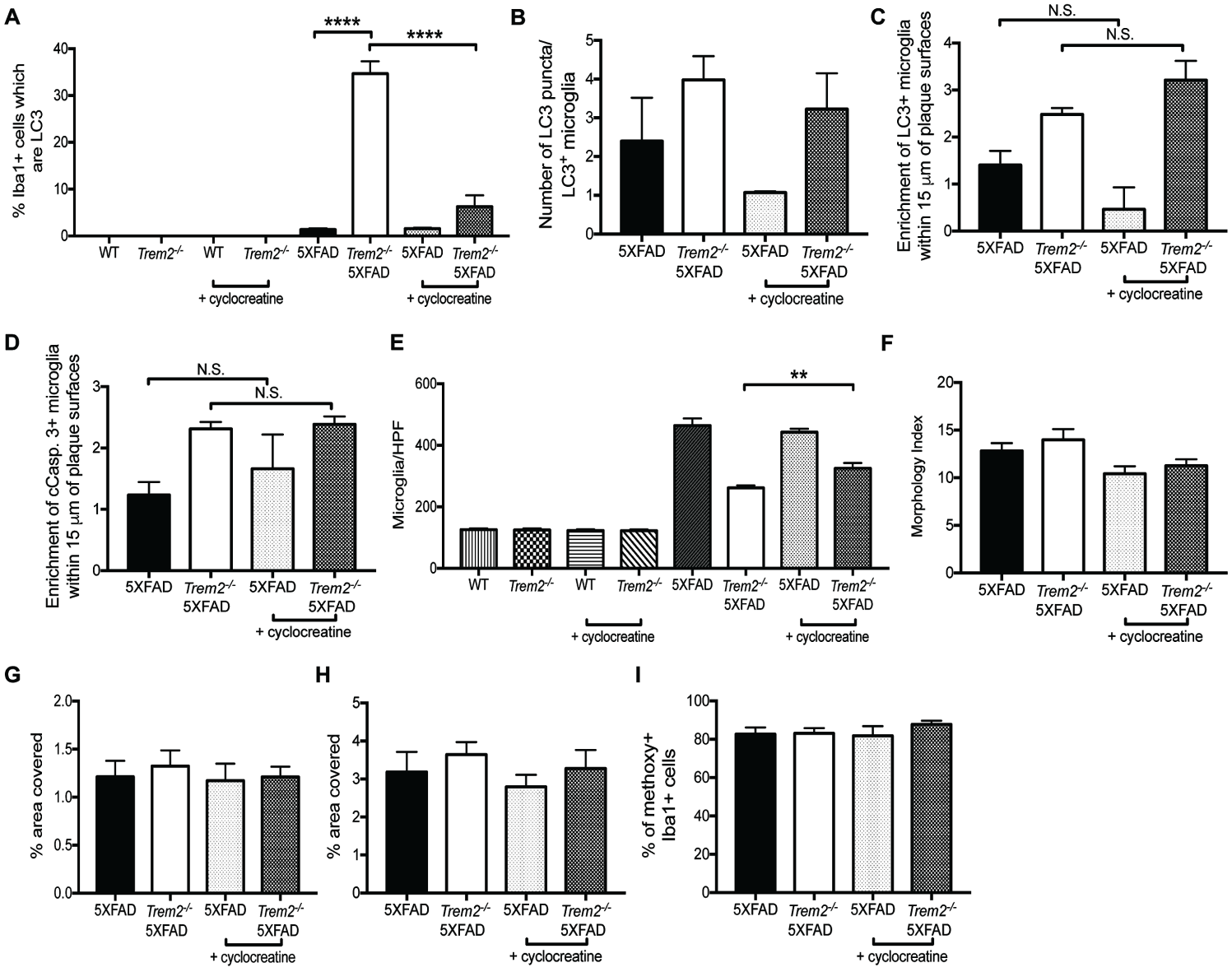
A
% Iba1+ cells which are LC3
****
****
WT
Trem2-/-
WT
Trem2-/-
5XFAD
Trem2-/- 5XFAD
5XFAD
Trem2-/- 5XFAD
+ cyclocreatine
+ cyclocreatine
B
Number of LC3 puncta/ LC3+ microglia
5XFAD
Trem2-/- 5XFAD
5XFAD
Trem2-/- 5XFAD
+ cyclocreatine
C
Enrichment of LC3+ microglia within 15 μm of plaque surfaces
N.S.
N.S.
5XFAD
Trem2-/- 5XFAD
5XFAD
Trem2-/- 5XFAD
+ cyclocreatine
D
Enrichment of cCasp. 3+ microglia within 15 μm of plaque surfaces
N.S.
N.S.
5XFAD
Trem2-/- 5XFAD
5XFAD
Trem2-/- 5XFAD
+ cyclocreatine
E
Microglia/HPF
**
WT
Trem2-/-
WT
Trem2-/-
5XFAD
Trem2-/- 5XFAD
5XFAD
Trem2-/- 5XFAD
+ cyclocreatine
+ cyclocreatine
F
Morphology Index
5XFAD
Trem2-/- 5XFAD
5XFAD
Trem2-/- 5XFAD
+ cyclocreatine
G
% area covered
5XFAD
Trem2-/- 5XFAD
5XFAD
Trem2-/- 5XFAD
+ cyclocreatine
H
% area covered
5XFAD
Trem2-/- 5XFAD
5XFAD
Trem2-/- 5XFAD
+ cyclocreatine
I
% of methoxy+ Iba1+ cells
5XFAD
Trem2-/- 5XFAD
5XFAD
Trem2-/- 5XFAD
+ cyclocreatine

Figure S5