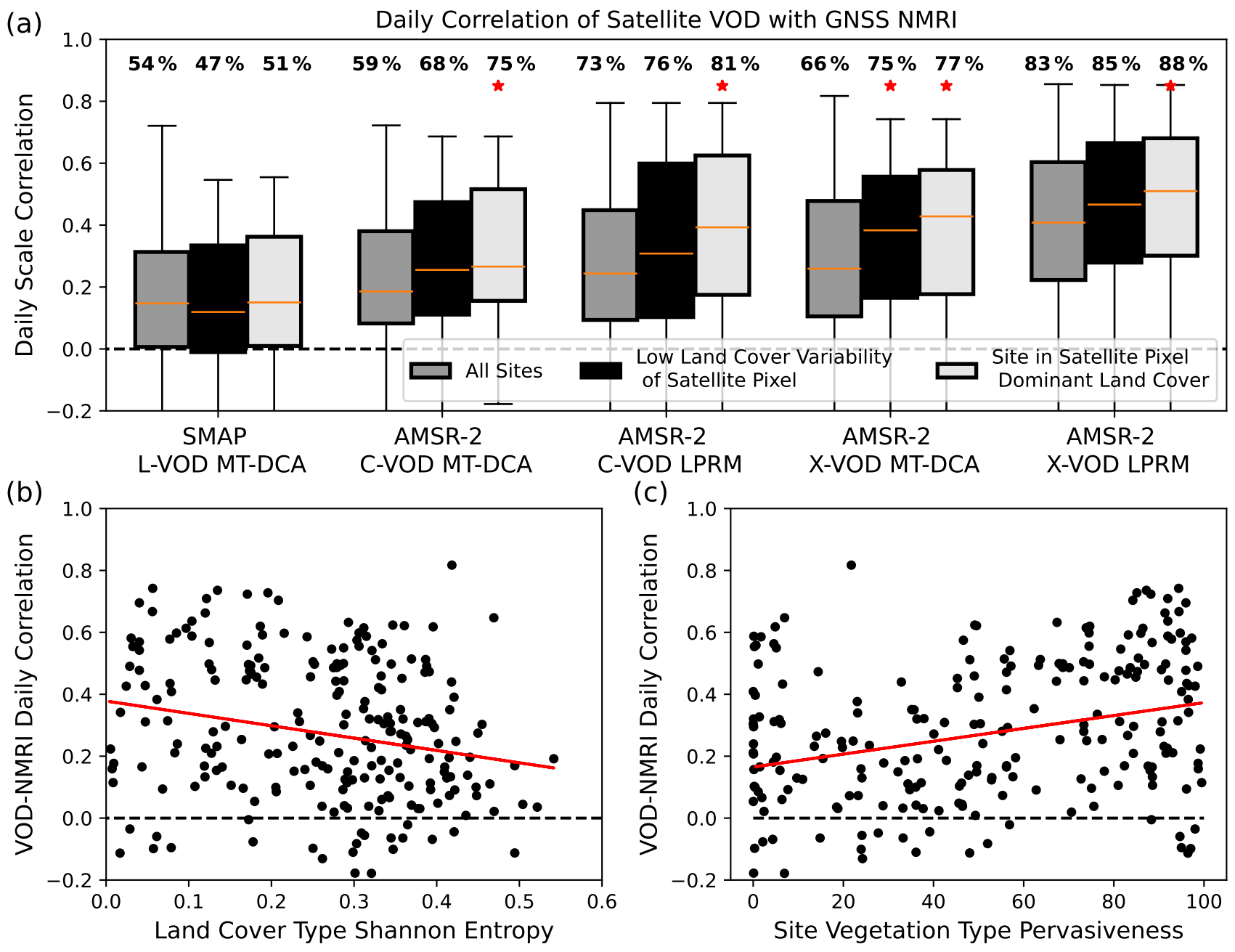

(a)
Daily Correlation of Satellite VOD with GNSS NMRI
Daily Scale Correlation
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
54%
47%
51%
59%
68%
75%
73%
76%
81%
66%
75%
77%
83%
85%
88%
All Sites
Low Land Cover Variability of Satellite Pixel
Site in Satellite Pixel Dominant Land Cover
SMAP L-VOD MT-DCA
AMSR-2 C-VOD MT-DCA
AMSR-2 C-VOD LPRM
AMSR-2 X-VOD MT-DCA
AMSR-2 X-VOD LPRM
(b)
VOD-NMRI Daily Correlation
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0.0
0.1
0.2
0.3
0.4
0.5
0.6
Land Cover Type Shannon Entropy
(c)
VOD-NMRI Daily Correlation
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
20
40
60
80
100
Site Vegetation Type Pervasiveness