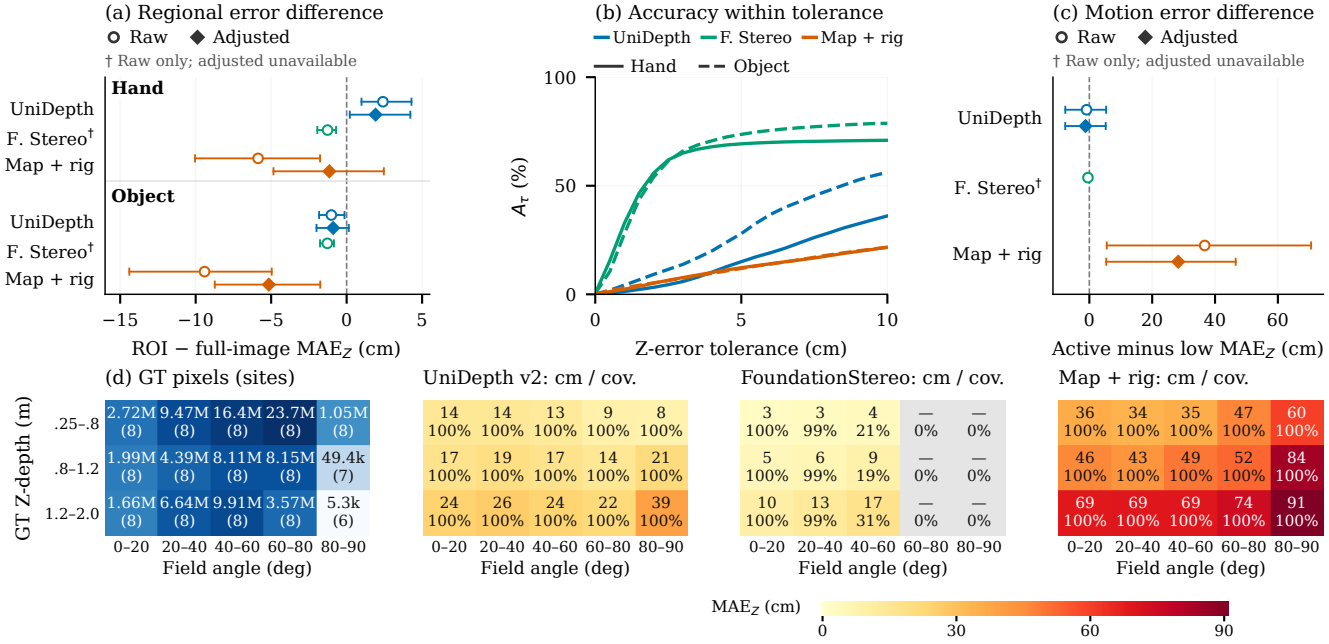
(a) Regional error difference
Raw
Adjusted
† Raw only; adjusted unavailable
Hand
Object
UniDepth
F. Stereo†
Map + rig
−15
−10
−5
0
5
ROI − full-image MAE$_Z$ (cm)
(b) Accuracy within tolerance
UniDepth
F. Stereo
Map + rig
Hand
Object
100
50
0
A_τ (%)
0
5
10
Z-error tolerance (cm)
(c) Motion error difference
Raw
Adjusted
† Raw only; adjusted unavailable
UniDepth
F. Stereo†
Map + rig
0
20
40
60
Active minus low MAE$_Z$ (cm)
(d) GT pixels (sites)
GT Z-depth (m)
.25–.8
.8–1.2
1.2–2.0
2.72M (8)
9.47M (8)
16.4M (8)
23.7M (8)
1.05M (8)
1.99M (8)
4.39M (8)
8.11M (8)
8.15M (8)
49.4k (7)
1.66M (8)
6.64M (8)
9.91M (8)
3.57M (8)
5.3k (6)
0–20
20–40
40–60
60–80
80–90
Field angle (deg)
UniDepth v2: cm / cov.
14 100%
14 100%
13 100%
9 100%
8 100%
17 100%
19 100%
17 100%
14 100%
21 100%
24 100%
26 100%
24 100%
22 100%
39 100%
Field angle (deg)
FoundationStereo: cm / cov.
3 100%
3 99%
4 21%
— 0%
— 0%
5 100%
6 99%
9 19%
— 0%
— 0%
10 100%
13 99%
17 31%
— 0%
— 0%
Field angle (deg)
Map + rig: cm / cov.
36 100%
34 100%
35 100%
47 100%
60 100%
46 100%
43 100%
49 100%
52 100%
84 100%
69 100%
69 100%
69 100%
74 100%
91 100%
Field angle (deg)
MAE$_Z$ (cm)
0
30
60
90