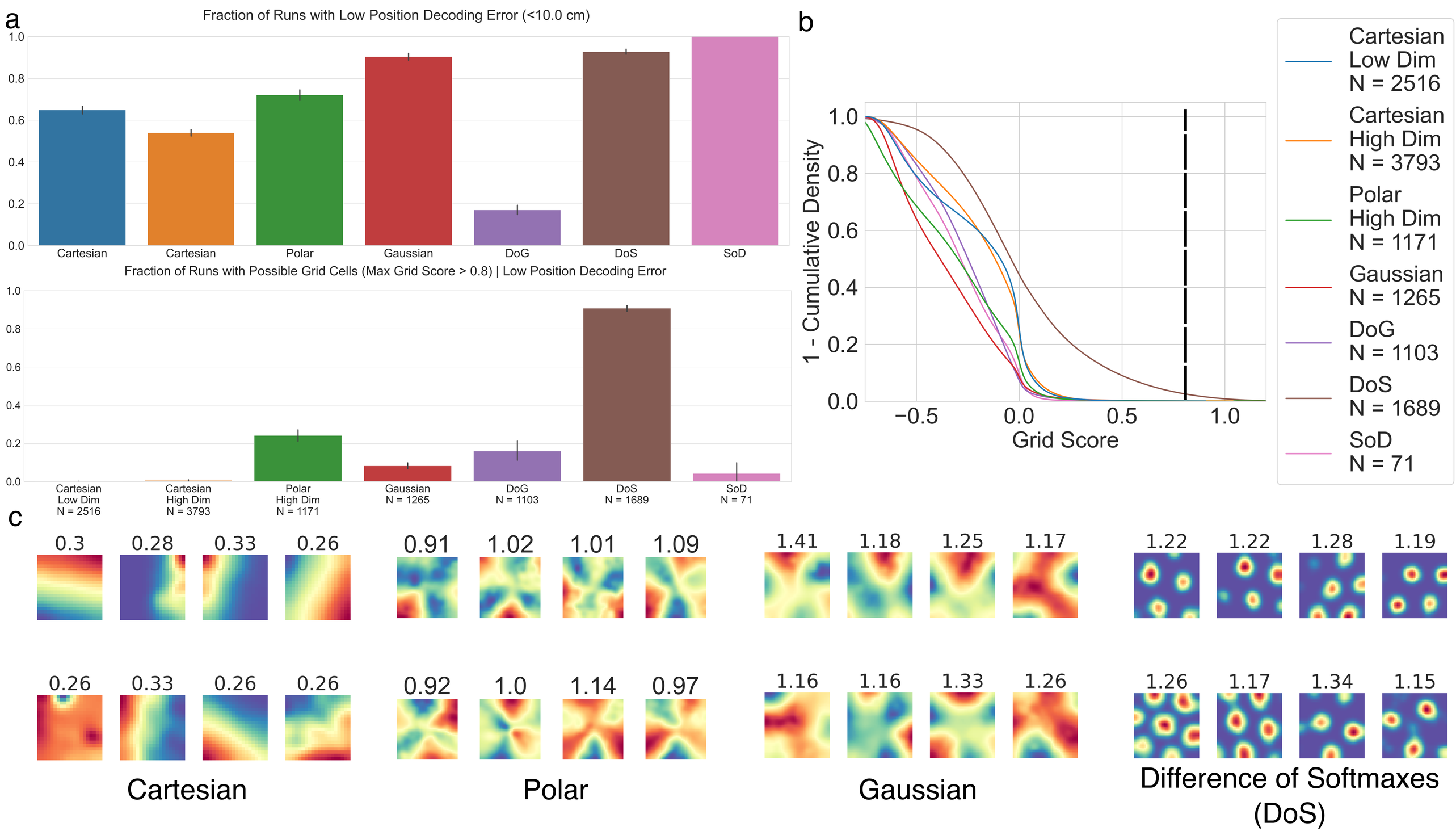
a
Fraction of Runs with Low Position Decoding Error (<10.0 cm)
1.0
0.8
0.6
0.4
0.2
0.0
Cartesian
Cartesian
Polar
Gaussian
DoG
DoS
SoD
Fraction of Runs with Possible Grid Cells (Max Grid Score > 0.8) | Low Position Decoding Error
Cartesian Low Dim N = 2516
Cartesian High Dim N = 3793
Polar High Dim N = 1171
Gaussian N = 1265
DoG N = 1103
DoS N = 1689
SoD N = 71
b
1 - Cumulative Density
Grid Score
−0.5
0.0
0.5
1.0
Cartesian Low Dim N = 2516
Cartesian High Dim N = 3793
Polar High Dim N = 1171
Gaussian N = 1265
DoG N = 1103
DoS N = 1689
SoD N = 71
c
0.3 0.28 0.33 0.26
0.26 0.33 0.26 0.26
Cartesian
0.91 1.02 1.01 1.09
0.92 1.0 1.14 0.97
Polar
1.41 1.18 1.25 1.17
1.16 1.16 1.33 1.26
Gaussian
1.22 1.22 1.28 1.19
1.26 1.17 1.34 1.15
Difference of Softmaxes (DoS)