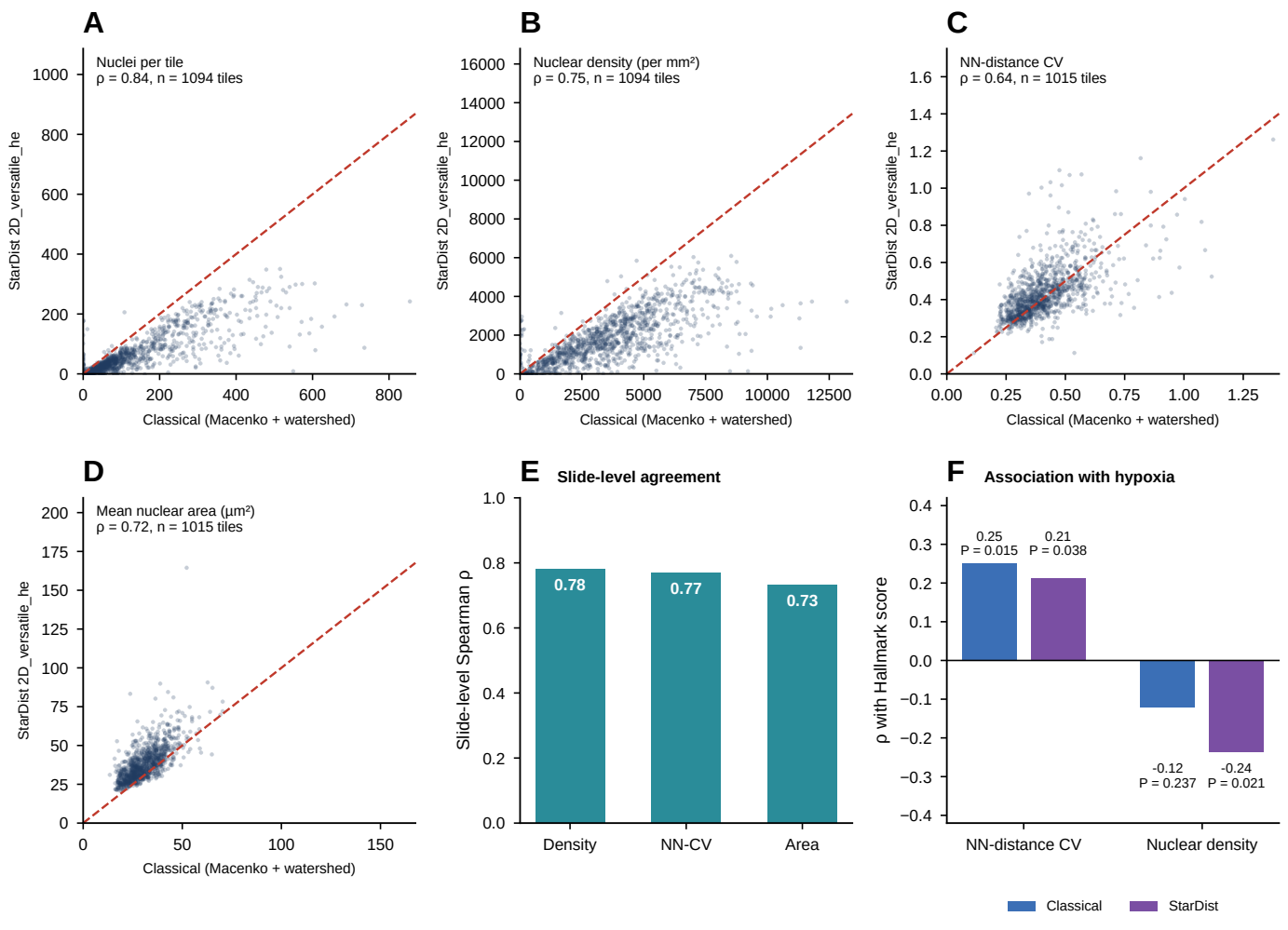

A
Nuclei per tile
ρ = 0.84, n = 1094 tiles
StarDist 2D_versatile_he
Classical (Macenko + watershed)
B
Nuclear density (per mm²)
ρ = 0.75, n = 1094 tiles
StarDist 2D_versatile_he
Classical (Macenko + watershed)
C
NN-distance CV
ρ = 0.64, n = 1015 tiles
StarDist 2D_versatile_he
Classical (Macenko + watershed)
D
Mean nuclear area (µm²)
ρ = 0.72, n = 1015 tiles
StarDist 2D_versatile_he
Classical (Macenko + watershed)
E
Slide-level agreement
Slide-level Spearman ρ
0.78
0.77
0.73
Density
NN-CV
Area
F
Association with hypoxia
ρ with Hallmark score
0.25
P = 0.015
0.21
P = 0.038
-0.12
P = 0.237
-0.24
P = 0.021
NN-distance CV
Nuclear density
Classical
StarDist