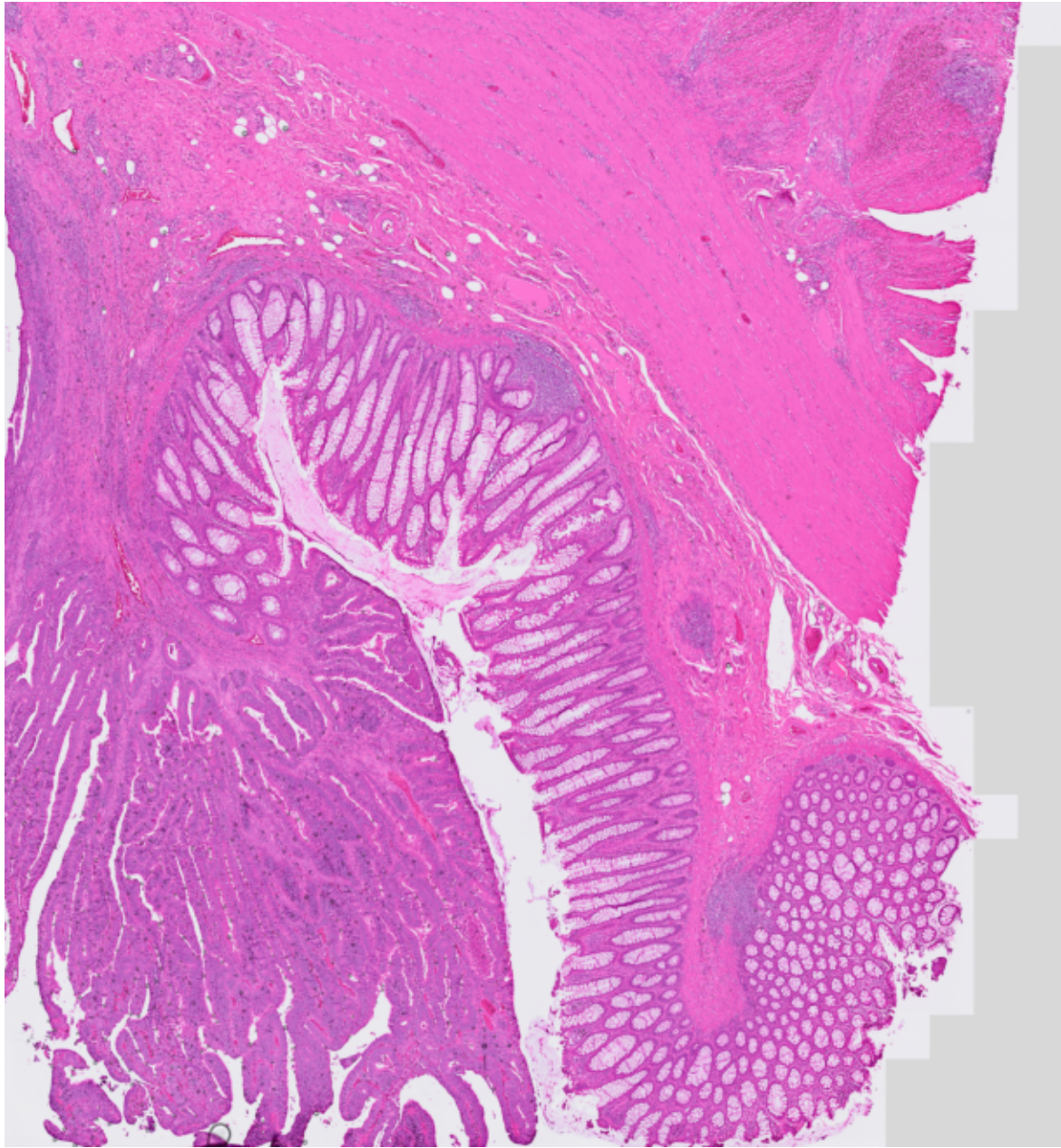
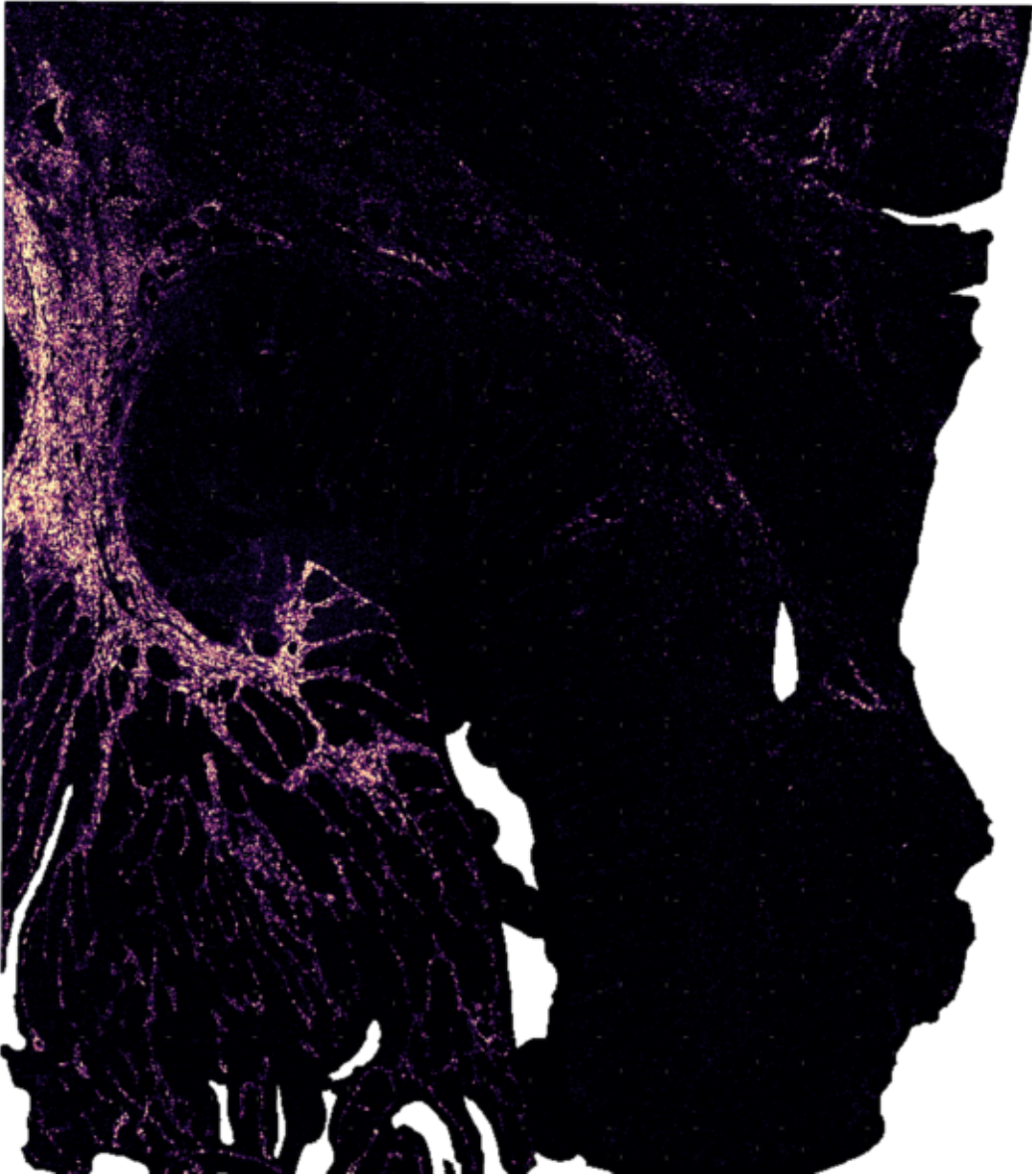


COL1A1 — Stromal Marker (Fibrous matrix)
2µm Resolution | Poisson vs MSE: $\Delta\text{PCC}_{8\mu\text{m}} = +0.198$

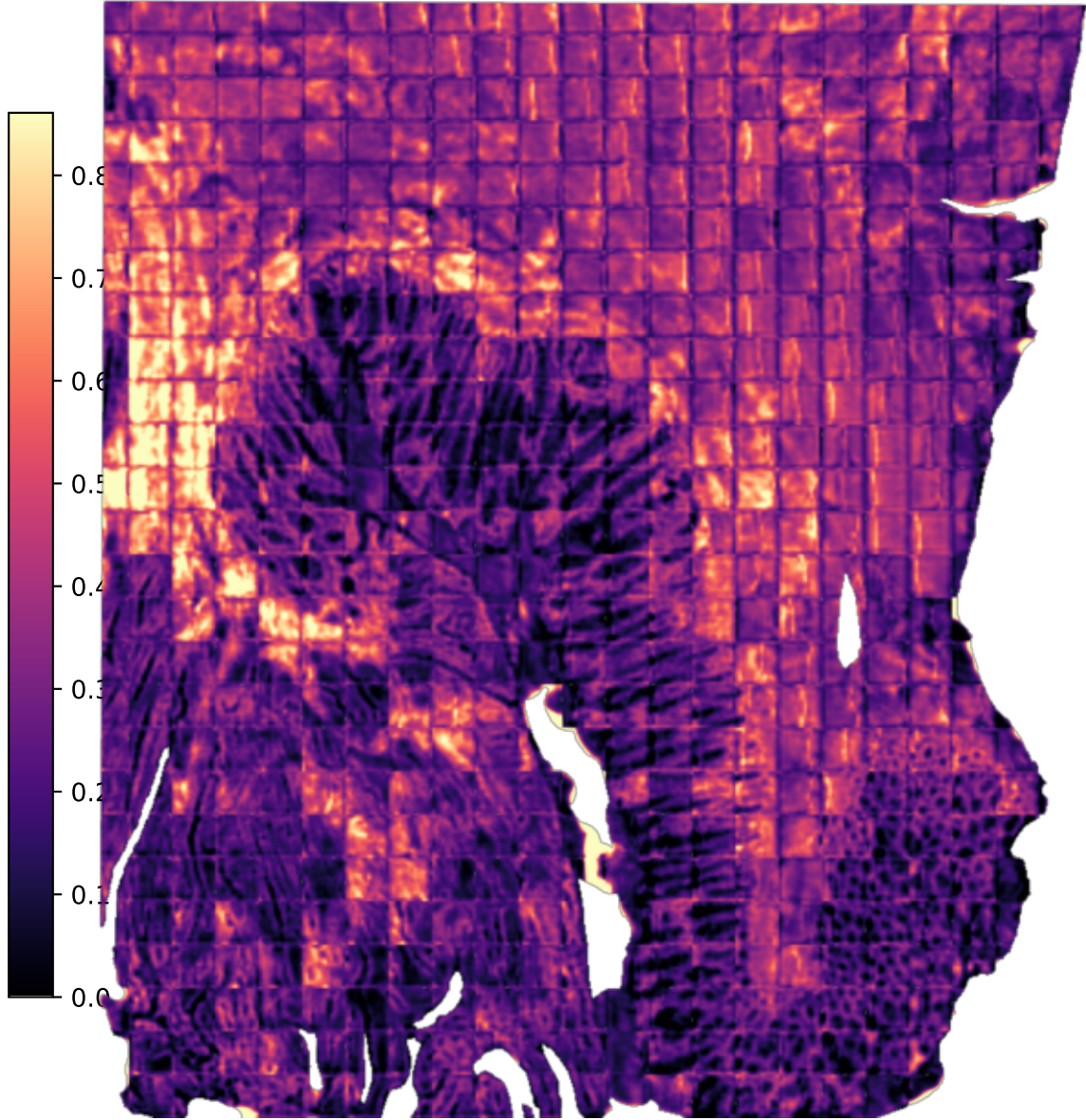
H&E Histology
(Patient P5 - 570 patches)



Ground Truth
(2µm Visium HD)



Model D (MSE Loss)
 $\text{PCC}_{2\mu\text{m}}=0.10$ | $\text{SSIM}_{2\mu\text{m}}=0.34$
 $\text{PCC}_{8\mu\text{m}}=0.12$



Model E (Poisson Loss)
 $\text{PCC}_{2\mu\text{m}}=0.22$ | $\text{SSIM}_{2\mu\text{m}}=0.65$
 $\text{PCC}_{8\mu\text{m}}=0.32$

