

Supplementary Material

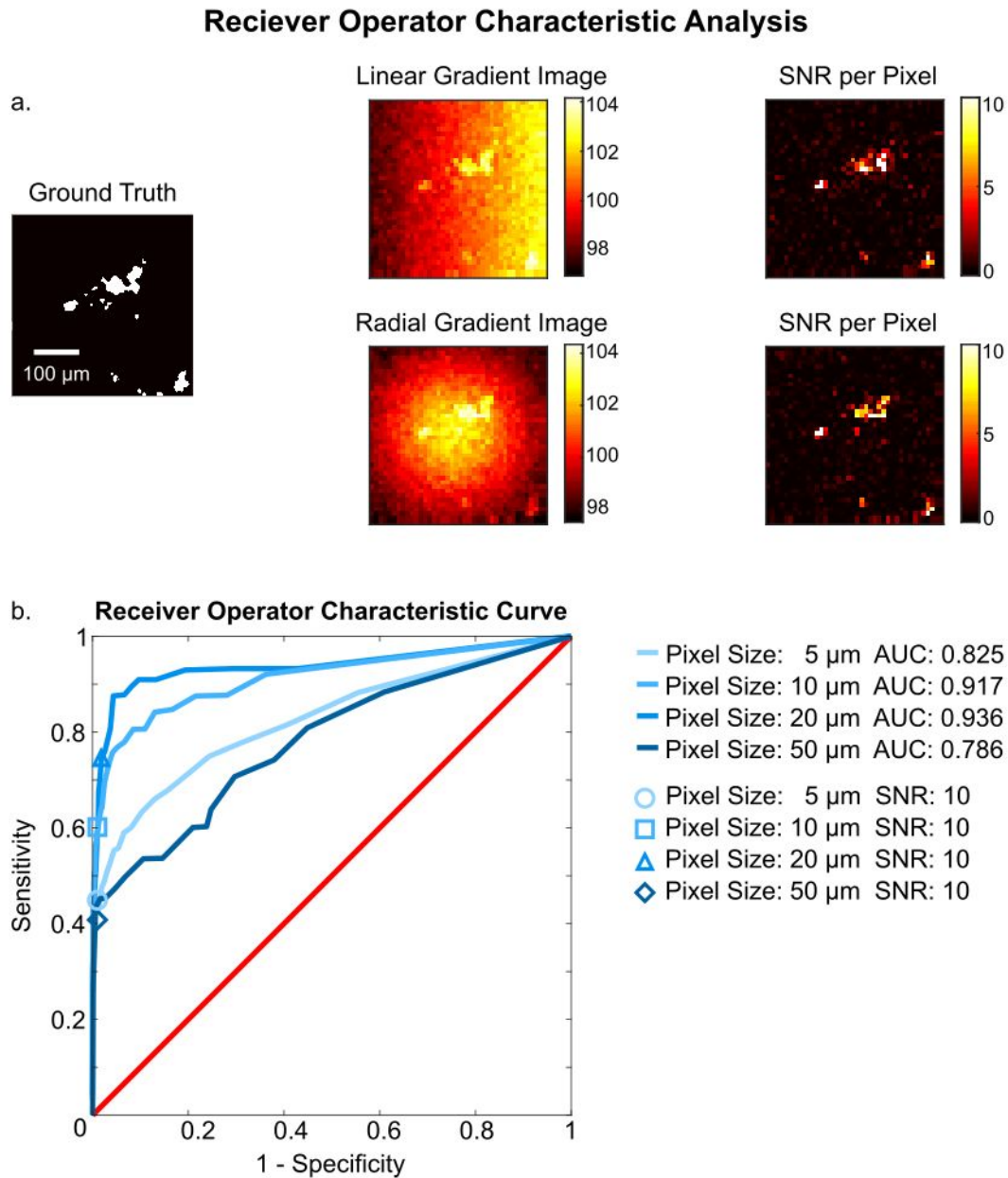


Figure 1. Receiver Operator Characteristic at various spatial resolutions. (a) The SNR of each pixel with linear and radial low frequency noise **(b)** ROC curve demonstrating poor detector ability at high and low spatial resolution (Pixel Sizes 5 μm , 50 μm) and improved ability at optimized spatial resolutions (Pixel sizes 10 μm , 20 μm).