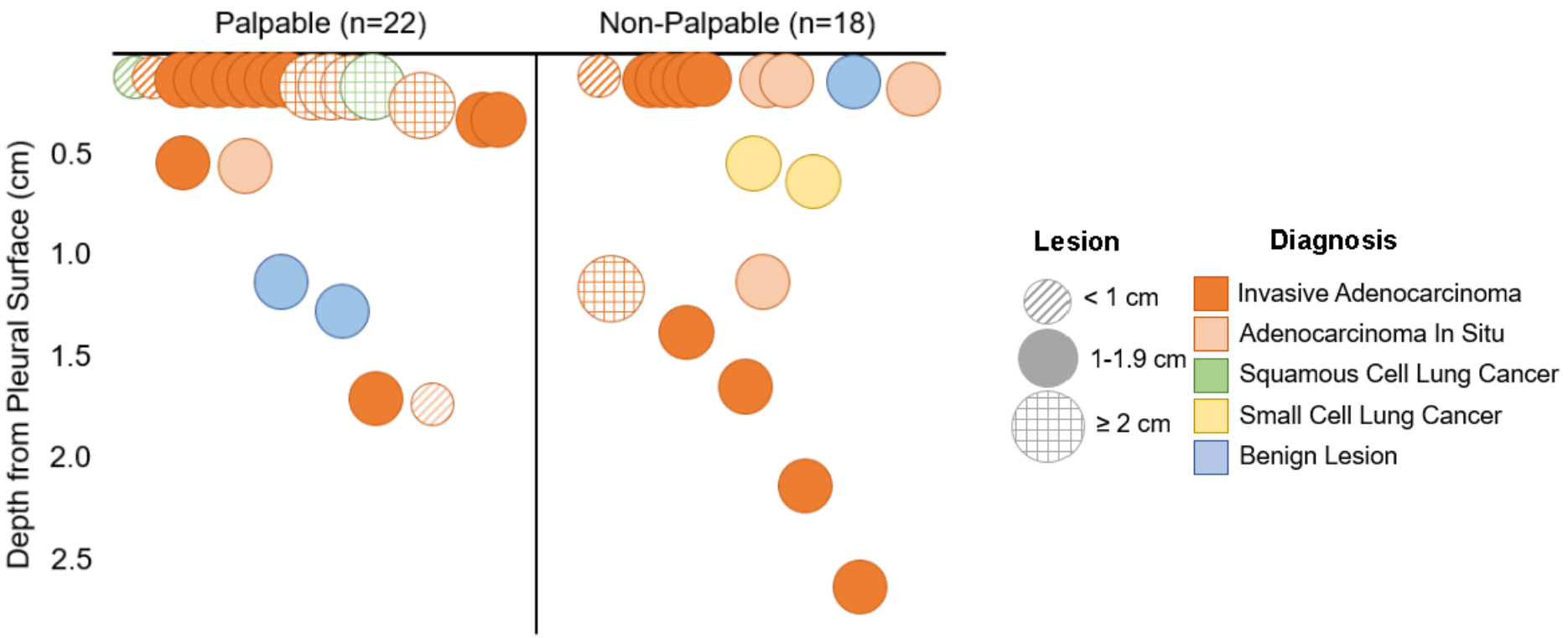
Supplemental Online Content

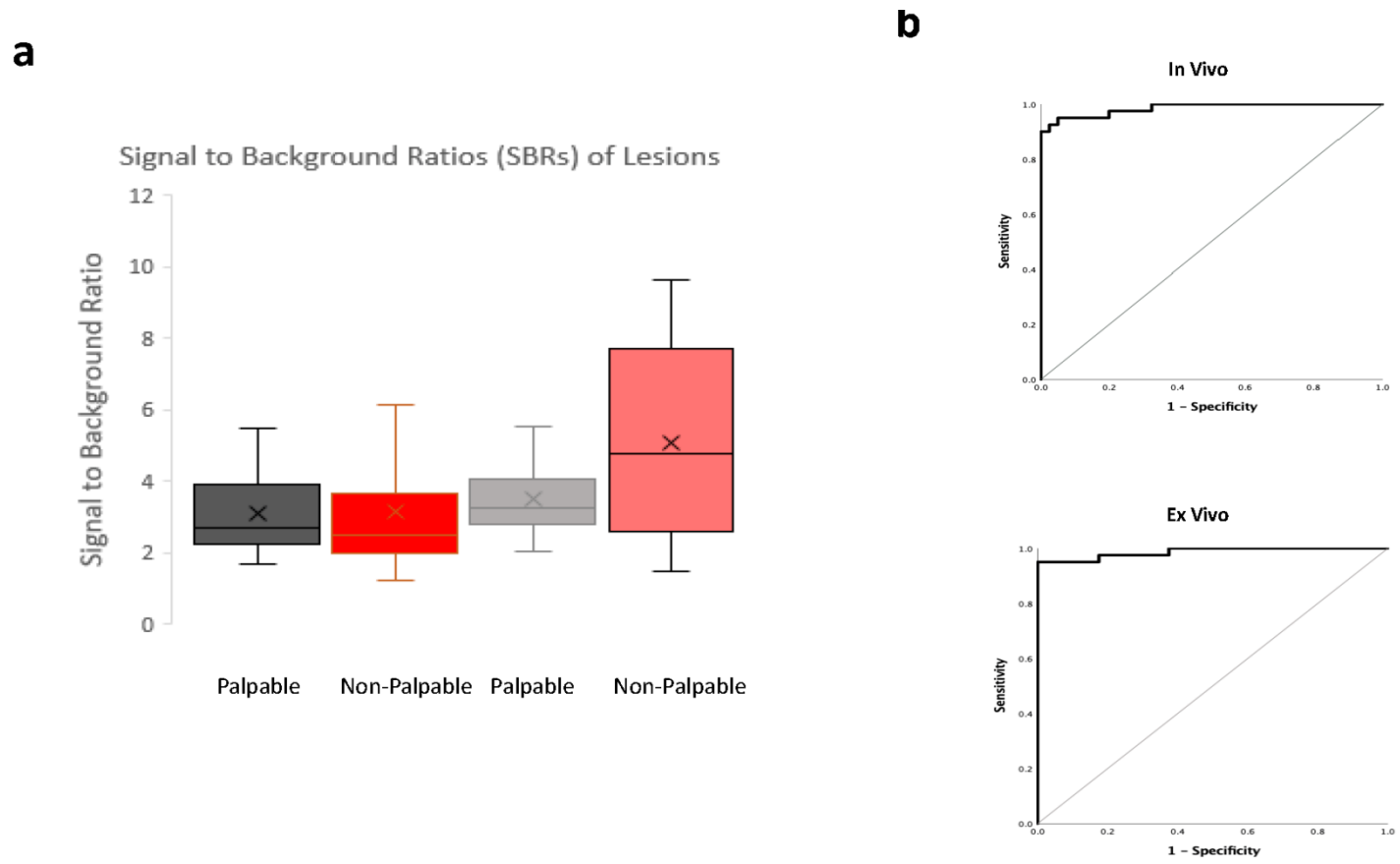
Kennedy GT, Azari FS, Bernstein E, et al. Targeted intraoperative molecular imaging for localizing nonpalpable tumors and quantifying resection margin distances. *JAMA Surg*. Published online August 25, 2021. doi:10.1001/jamasurg.2021.3757

This supplemental material has been provided by the authors to give readers additional information about their work.

eFigure 1. Lesion characteristics stratified by intraoperative palpability of the lesion. The schematic summarizes lesion diagnosis, size, and depth from the pleural surface, stratified by palpability.



eFigure 2. Lesion fluorescence and ROC evaluation. a, Signal-to-background ratio (SBR) of lesions compared to normal lung parenchyma as background. b, Receiver operative characteristic (ROC) curve evaluation showed that high areas under the curve (AUCs) were obtained for MFI both *in vivo* and *ex vivo*.



eFigure 3. Method of quantifying resection margins using IMI. a, White light and near infrared (NIR) images of resected specimen. b, Method of calculating margin distance by calibration to a ruler and comparing to the distance to the outer edge of the staple line.