

**Figure S1.** Sensitivity, specificity, positive and negative predictive values of a Medicare claims-based algorithm ( $\text{CKD}_{\text{Medicare}}$ ) for identifying chronic kidney disease defined as estimated glomerular filtration rate (eGFR)  $< 45 \text{ ml/min}/1.73 \text{ m}^2$  or albumin-to-creatinine ratio  $> 300 \text{ mg/g}$  measured in a research study ( $\text{CKD}_{\text{REGARDS}}$ ) serving as the gold standard

