

**Supplementary Table A: - Diagnostic values of CT-FFR<sub>AI</sub> without supervision, compared to invasive FFR and iFR.**

| Diagnostic value %<br>[95%CI] | FFR (n=224)         | iFR (n=238)         |
|-------------------------------|---------------------|---------------------|
| Sensitivity                   | 93(63/68) [84–98]   | 92(79/86) [84–97]   |
| Specificity                   | 47(73/156) [39–55]  | 45(69/153) [37–53]  |
| PPV                           | 43(63/146) [39–47]  | 48(79/163) [45–52]  |
| NPV                           | 94(73/78) [86–97]   | 91(69/76) [83–95]   |
| Accuracy                      | 61(136/224) [54–67] | 62(148/238) [55–68] |

The table shows the diagnostic values of CT-FFR<sub>AI</sub> without radiologists' supervision using invasive FFR and/or iFR as standard of reference for vessel-specific ischemia. When both invasive FFR and iFR values were obtained, they were analyzed independently.

CT-FFR<sub>AI</sub>: coronary computed tomography angiography-based artificial intelligence deep-learning model for the prediction of invasive Fractional Flow Reserve, FFR: Fractional Flow Reserve, iFR: instantaneous wave-Free Ratio, cMPR: Curved Multiplanar reformatting, 95%CI: 95% confidence interval, PPV: positive predictive value, NPV: negative predictive value.