**Supplementary Table 2** the direct meta-analysis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Results** | **Parameter** | **Estimate (OR)** | **95%CI upper** | **95%CI down** |
| **Overall results** | Sensitivity | 0.84 | 0.81 | 0.87 |
| Specificity | 0.87 | 0.83 | 0.90 |
| PLR | 6.4 | 4.8 | 8.6 |
| NLR | 0.18 | 0.14 | 0.22 |
| DPR | 36 | 23 | 56 |
| **Angio-IMR measured in the different state** | | | | |
| **The hyperemic state** | Sensitivity | 0.83 | 0.78 | 0.87 |
| Specificity | 0.86 | 0.78 | 0.91 |
| PLR | 5.9 | 3.6 | 9.7 |
| NLR | 0.2 | 0.15 | 0.27 |
| DPR | 30 | 14 | 61 |
| **The rest state** | Sensitivity | 0.85 | 0.79 | 0.90 |
| Specificity | 0.88 | 0.84 | 0.91 |
| PLR | 7.3 | 5．4 | 9.7 |
| NLR | 0.17 | 0.11 | 0.25 |
| DPR | 44 | 26 | 75 |
| **The impact of different disease classifications on Angio-IMR** | | | | |
| **Results for CCS** | Sensitivity | 0.8 | 0.76 | 0.84 |
| Specificity | 0.86 | 0.81 | 0.9 |
| PLR | 5.7 | 4.2 | 7.8 |
| NLR | 0.23 | 0.18 | 0.29 |
| DPR | 25 | 16 | 39 |
| **Results for STEMI** | Sensitivity | 0.81 | 0.74 | 0.87 |
| Specificity | 0.89 | 0.72 | 0.96 |
| PLR | 7.4 | 2.5 | 21.7 |
| NLR | 0.21 | 0.14 | 0.31 |
| DPR | 36 | 9 | 141 |
| **Effect of pressure monitoring on Angio-IMR** | | | | |
| **Results for monitoring coronary pressure** | Sensitivity | 0.83 | 0.79 | 0.86 |
| Specificity | 0.84 | 0.78 | 0.89 |
| PLR | 5.3 | 3.7 | 7.6 |
| NLR | 0.2 | 0.16 | 0.26 |
| DPR | 26 | 15 | 46 |
| **Results for no monitoring coronary pressure** | Sensitivity | 0.87 | 0.81 | 0.91 |
| Specificity | 0.9 | 0.85 | 0.93 |
| PLR | 8.8 | 5.9 | 13.1 |
| NLR | 0.15 | 0.1 | 0.22 |
| DPR | 59 | 33 | 106 |

Abbreviation: PLR: positive likelihood ratio; NLR: negative likelihood ratio; DOR: diagnostic odds ratio; CI: confidence interval; CCS: chronic coronary syndrome; STEMI: ST-segment elevation myocardial infarction; OR.