**Appendix Table 41. Results from studies assessing the ability of VerifyNow to predict platelet reactivity during followup (discrete outcome) in patients with ischemic heart disease**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author, year****UID****Country****Study name** | **Treatment** | **Phenotypic Test Used [index test]** | **Reactivity Outcome** | **Outcome Definition** | **Timing of measurement** | **Index test result: category (e.g., HPR+) – ONE ROW PER PHENOTYPE GROUP** | **Outcome status (e.g., HPR+ or HPR-)** | **No. with outcome status within phenotype group** | **Cut-off** | **Comparative metric (OR, RR, HR)** | **95% CI** | **P (between which groups?)****[statistical test]** | **Adjusted?****[YES/NO/NR]****If YES, for what factors?** | **Procedures for multiple comparisons [YES, NO, NR]** | **Comments (e.g., additional data in figures)** |
| Campo, 2011{Campo, 2011 13 /id}21679849ItalyNR | Clopidogrel + aspirin | VerifyNow | Clopidogrel response category | NR | 1 mo after PCI | Poor at baseline (n=107) | Poor (no change) | 32 | >=235 PRU (poor) | NR | NR | < 0.01 across this and next 4 rows (exact version of McNemar test | NR | NR | NO |
|  |  |  |  |  |  |  | Full (change) | 75 |  |  |  |  |  |  |  |
|  |  |  |  |  |  | Full at baseline (n=196) | Poor (change) | 8 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Full (no change) | 185 |  |  |  |  |  |  |  |
| Gladding, 2008{Gladding, 2008 149 /id} 19463375 New Zealand Secondary (but not subgroup) analysis of PRINC (Plavix Response in Coronary Intervention) Trial | Clopidogrel | VerifyNow | Nonresponse at 7 hr |  |  | <2% at 2 hr |  |  |  | AUC 0.90, sensitivity 100%, specificity 88% |  | 0.02 |  |  | Scatterplots are in Fig 2 |
| Codner, 2012{Codner, 2012 18241 /id}22534051IsraelNR | LD: clopidogrel 600 mg and aspirin 100 mg MD: clopidogrel 75 mg/d and aspirin 100 mg/d | VerifyNow | HTPR | PRU≥235 | 6 months | HTPR at baseline | HTPR at 6 months | 12 | ≥235 | OR (calculated ) 4.87 | 1.48- 15.6 | P = 0.0091[Chi square] |  |  |  |
|  |  |  |  |  |  | HTPR at baseline | responder at 6 months | 10 |  |  |  |  |  |  |  |
|  |  |  |  |  |  | responder at baseline | HTPR at 6 months | 7 |  |  |  |  |  |  |  |
|  |  |  |  |  |  | responder at baseline | responder at 6 months | 28 |  |  |  |  |  |  |  |