**Supplement Table 4:** Unadjusted and adjusted hazard ratio for pre-procedural TIMI 0-2 flow vs. pre-procedural TIMI 3 flow.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre TIMI 0-2** | **Unadjusted hazard ratio (95% CI)** | **p-value** | **Adjusted hazard ratio** | **p-value** |
| ≤ 30 day MACE | 1.566 [1.124-2.181] | 0.008 | 1.312 [0.920-1.869] | 0.134 |
| ≤ 30 day CVD | 1.816 [1.223-2.697] | 0.003 | 1.430 [0.945-2.165] | 0.09 |
| 1-year MACE | 1.204 [0.978-1.483] | 0.081 | 1.149 [0.922-1.433] | 0.216 |
| > 30 day MACE | 0.977 [0.746-1.279] | 0.865 | 0.964 [0.726-1.280] | 0.799 |
| 1-year all-cause death | 1.321 [1.025-1.703] | 0.031 | 1.185 [0.906-1.551] | 0.216 |
| 1-year CVD | 1.511 [1.097-2.081] | 0.012 | 1.328 [0.947-1.862] | 0.999 |
| > 30 day CVD | 0.999 [0.564-1.768] | 0.997 | 1.089 [0.601-1.974] | 0.779 |
| Recurrent MI | 0.710 [0.461-1.694] | 0.71 | 1.039 [0.479-2.252] | 0.922 |
| RePCI (TVR/TLR) | 0.899 [0.622-1.302] | 0.574 | 0.944 [0.642-1.388] | 0.769 |

TIMI: Thrombolysis in Myocardial Infarction; MACE: Major Adverse Cardiac Events; CVD: Cardiovascular Death; TVR: Target Vessel Revascularization; TLR: Target Lesion Revascularization; RePCI: Recurrent Percutaneous Coronary Intervention. MACE is defined as the composite of the death of any cause, recurrence of MI, TLR, TVR and CABG.

Adjustment: age, sex, history of hypertension, diabetes, and smoking, killip I-II vs. III-IV, multi-vessel disease, lesion type A/B1 vs. B2/C, target vessels, Door to balloon time, CK-MB, Creatinine, use of aspirin, glycoprotein IIb/IIIa inhibitors, beta-blocker, RAS blocker, statin at admission.