Table 3: Risk of Adverse Outcomes following multivariate adjustment

|  |  |  |  |
| --- | --- | --- | --- |
| Variable  | Adjusted OR/HR as compare to reference (No EPD use) | P-value  | 95% CI |
| In-hospital mortality  |  |
| Adjusted OR\* | 0.53 | 0.15 | 0.23-1.25 |
| Adjusted OR† | 0.71 | 0.19 | 0.42-1.19 |
| 30-day mortality  |
| Adjusted OR\* | 0.70 | 0.21 | 0.40-1.22 |
| Adjusted OR† | 0.87 | 0.45 | 0.60-1.25 |
| Adjusted HR\* | 0.72 | 0.27 | 0.40-1.29 |
| Adjusted HR† | 0.99 | 0.77 | 0.86-1.11 |
| 1-y mortality  |
| Adjusted OR\* | 0.97 | 0.84 | 0.77-1.24 |
| Adjusted OR† | 0.92 | 0.41 | 0.77-1.11 |
| Adjusted HR\* | 0.99 | 0.96 | 0.79-1.25 |
| Adjusted HR† | 0.87 | <0.001 | 0.82-0.93 |
| No reflow/slow flow phenomenon |  |  |  |
| Adjusted OR\* | 1.95 | <0.0001 | 1.46-2.60 |
| Adjusted OR† | 2.16 | <0.0001 | 1.71-2.73 |
| In-hospital MACE  |
| Adjusted OR\* | 0.90 | 0.65 | 0.57-1.41 |
| Adjusted OR† | 1.16 | 0.39 | 0.83-1.62 |
| In-hospital stroke  |
| Adjusted OR\* | 0.73 | 0.69 | 0.16-3.35 |
| Adjusted OR† | 0.68 | 0.54 | 0.20-2.35 |

EPD; Embolic protection devices, CI; Confidence interval, OR; Odds ratio, HR; Hazard ratio, MACE; Major adverse cardiovascular event

Variables in Model: age, sex, smoking status, diabetes mellitus, hypertension, hyperlipidemia, previous myocardial infarction, previous stroke, peripheral vascular disease, family history of coronary artery disease, Left Ventricular systolic dysfunction, STEMI presentation/NSTEMI presentation,/Elective procedure, radial access site, glycoprotein IIb/IIIa inhibitor, Multiple territories attempted, Ventilatory Support, Circulatory support, Drug eluting stent use, number of stents, thrombus aspiration

\* Adjusted on Non-Imputed data

† Adjusted on Imputed data