**Supplementary Table I: Logistic regression of demographic and baseline characteristics of the studying population.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Estimate** | **SE** | **Z-value** | **P-value** |
| **Intercept** | -126.886  | 30.404  | -4.173  | <0.001 |
| **BMI** | -0.181  | 0.127  | -1.422  | 0.155  |
| **SEX** | 0.664  | 0.906  | 0.732  | 0.464  |
| **Pulse pressure** | -0.040  | 0.033  | -1.210  | 0.226  |
| **Mean arterial pressure** | 0.417  | 0.100  | 4.177  | <0.001 |
| **Smoking** | 0.982  | 0.809  | 1.214  | 0.225  |
| **Dyslipidemia** | -0.748  | 0.762  | -0.981  | 0.326  |
| **Previous event** | -0.141  | 0.761  | -0.186  | 0.853  |
| **AGE** | 0.045  | 0.047  | 0.948  | 0.343  |
| **Carotid bifurcation angle** | 0.286  | 0.082  | 3.497  | <0.001 |
| **Internal carotid angle** | -0.127  | 0.040  | -3.184  | 0.001  |
| **laminar shear stress** | 5.147  | 1.154  | 4.460  | <0.001 |

BMI (body mass index), SE (Std. Error).