**STATISTICAL RESULTS**

**Primary outcome:**

|  |  |
| --- | --- |
| **Variables** | **IRR (95% CI), p-value** |
| Sex (male) | 1.04 (0.89 - 1.21), p=0.64 |
| Age (years) | 1.00 (0.98- 1.01), p=0.85 |
| SE type (intermittent) | 0.96 (0.82 - 1.12), p=0.61 |
| Location of SE onset (out of hospital) | 1.17 (0.99 - 1.40), p=0.06 |
| Prior epilepsy (yes) | 1.06 (0.90- 1.26), p=0.46 |
| Prior SE (yes) | 1.16 (0.96 - 1.39), p=0.13 |
| Inadequate first BZD dosing (yes) | 1.00 (0.85 - 1.17), p=0.99 |
| Time-to-treatment initiation from seizure onset (min) | 0.998 (0.997 - 0.999), p=0.01 |

**Secondary outcomes:**

|  |  |  |
| --- | --- | --- |
| **Variables** | **30 min** | **45 min** |
| **IRR (95% CI), p-value** | **IRR (95% CI), p-value** |
| Sex (male) | 1.11 (0.84 - 1.46), p=0.46 | 1.05 (0.75 - 1.46), p=0.79 |
| Age (years) | 1.00 (0.98 - 1.03), p=0.73 | 1.01 (0.98 - 1.04), p=0.51 |
| SE type (intermittent) | 1.14 (0.86 - 1.53), p=0.35 | 1.44 (1.01 - 2.06), p=0.04 |
| Location of SE onset (out of hospital) | 2.43 (1.73 - 3.46), p<0.0001 | 3.75 (2.40 - 6.03), p<0.0001 |
| Prior epilepsy (yes) | 1.09 (0.82 - 1.45), p=0.56 | 1.07 (0.75 - 1.51), p=0.71 |
| Prior SE (yes) | 0.92 (0.65 - 1.31), p=0.65 | 0.83 (0.53 - 1.28), p=0.39 |
| SE type \* location onset | - | 1.01 (0.37 – 3.12), p=0.98 |