**Supplementary material**

**Table S1: List of data source**

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| **Name of data source** | **Location** | **Type of data source** |
| The Acute STroke Registry and Analysis of Lausanne (ASTRAL), Lausanne. | Switzerland | Registry |
| The Beaumont Hospital Registry, Dublin. | Ireland | Registry |
| The Efficacy and safety of nerinetide for the treatment of acute ischemic stroke (ESCAPE-NA1) trial | Canada | Randomized controlled trial |
| The Endovascular Treatment for Small Core and Proximal Occlusion Ischemic Stroke (ESCAPE) trial [1-4].  | Canada | Randomized controlled trial |
| The Italian Registry of Endovascular Thrombectomy (IRETAS) | Italy | Registry |
| The Precise and Rapid Assessment of Collaterals Using Multi-Phase CTA in the Triage of Patients with Acute Ischemic Stroke for IV or IA Therapy (PRove-IT) study,  | Canada | Randomized controlled trial |
| The Seoul National University Bundang Hospital (SNUBH) stroke registry [5-7].  | South Korea | Registry |

**Figure S1: The distribution of time intervals**



**Reference List**

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2. Hill, M.D., et al., *Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial.* Lancet, 2020. **395**(10227): p. 878-887.

3. Motyer, R., et al., *Endovascular thrombectomy beyond 12 hours of stroke onset: a stroke network’s experience of late intervention.* Journal of NeuroInterventional Surgery, 2018. **10**(11): p. 1043-1046.

4. Nannoni, S., et al., *Eligibility for late endovascular treatment using DAWN, DEFUSE-3, and more liberal selection criteria in a stroke center.* Journal of NeuroInterventional Surgery, 2020. **12**(9): p. 842-847.

5. Almekhlafi, M.A., et al., *Imaging Triage of Patients with Late-Window (6-24 Hours) Acute Ischemic Stroke: A Comparative Study Using Multiphase CT Angiography versus CT Perfusion.* AJNR Am J Neuroradiol, 2020. **41**(1): p. 129-133.

6. Casetta, I., et al., *Endovascular Thrombectomy for Acute Ischemic Stroke Beyond 6 Hours From Onset: A Real-World Experience.* Stroke, 2020. **51**(7): p. 2051-2057.

7. Chung, J.W., et al., *Selection of Candidates for Endovascular Treatment: Characteristics According to Three Different Selection Methods.* J Stroke, 2019. **21**(3): p. 332-339.