

## SUPPLEMENTAL MATERIAL

### Supplemental Methods (model information [LaTeX])

Gaussian Prior on Log Odds-Ratio based on HERMES <sup>1</sup>, with  $\mu \sim \log(2.25)$  and  $\sigma^2$  accounting for the null effect ( $\exp(x) \sim 1$ ) at quantile  $p = 0.025$ :

$$\text{Prioreffect} \sim N(0.8191, 0.414)$$

Odds-ratio ( $\exp(x)$ ) on Quantiles  $p = \{0.025, 0.50, 0.975\}$  of prior:

$$Q = \{0.000, 0.8109, 1.62\}, \exp(Q) = \{1.00, 2.25, 5.06\}$$

Heterogeneity prior <sup>2</sup>:

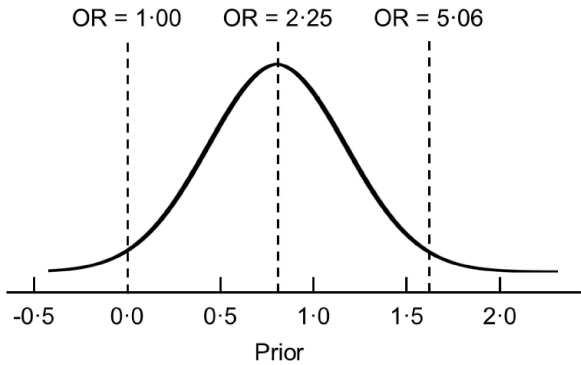
$$\text{Prior } \tau \sim \text{HalfNormal}(0.5)$$

### Supplemental Table

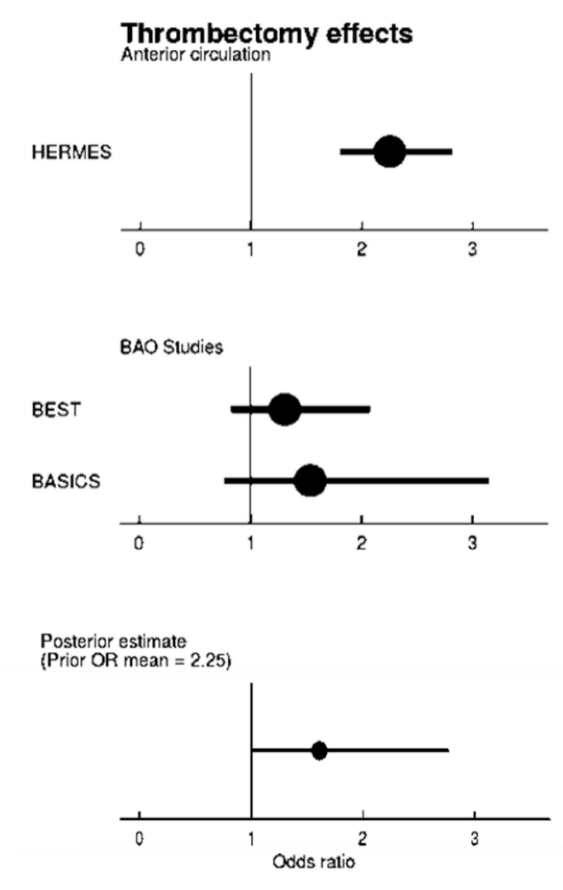
Supplemental Table 1. BEST and BASICS trials sample characteristics

	BEST trial		BASICS trial	
	Intervention (66)	Control (65)	Intervention (154)	Control (146)
Age (median and quartiles or mean and standard deviation)	62 (50 - 74)	68 (57 - 74)	67 (13.1)	67 (11.9)
Female sex	18 (27%)	13 (20%)	54 (35)	50 (34)
Hypertension	45 (68%)	42 (65%)	92 (61)	82 (57)
Diabetes	10 (15%)	11 (17%)	33 (22)	31 (21)
Previous stroke	14 (21%)	20 (31%)	26 (17)	26 (18)
Atrial fibrillation	18 (27%)	10 (15%)	44 (29)	22 (15)
NIHSS score (median and quartiles)	32 (18 - 38)	26 (13 - 37)	21	22
Intravenous thrombolysis	18 (27%)	21 (32%)	121 (79)	116 (80)

### Supplemental Figures



Supplemental Figure 1. Prior distribution



Supplemental Figure 2. Posterior estimate

References

1. Goyal M, Menon BK, van Zwam WH, et al. Endovascular thrombectomy after large-vessel ischaemic stroke: a meta-analysis of individual patient data from five randomised trials. *Lancet* 2016;387(10029):1723–31.
2. Friede T, Röver C, Wandel S, Neuenschwander B (2017a). “Meta-Analysis of Few Small Studies in Orphan Diseases.” *Research Synthesis Methods*, 8(1), 79–91. doi:10.1002/jrsm.1217.