### 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:

 $\textit{Prioreffect} \_N(0.8191,\,0.414)$ 

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>:

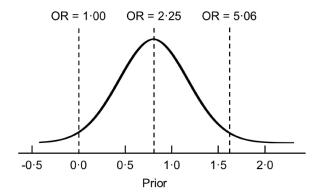
*Prior*  $\tau \sim HalfNormal(0.5)$ 

# **Supplemental Table**

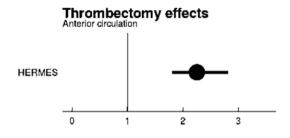
Supplemental Table 1. BEST and BASICS trials sample characteristics

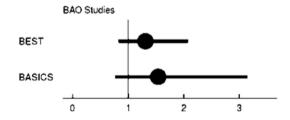
	BEST trial		BASICS trial	
-	Intervention (66)	Control (65)	Intervention (154)	Control (146)
Age (median and quartiles or mean and standard deviation)	62 (50 - 74)	68 (57 – 74)	67 (13.1)	67 (11.9)
Female sex	18 (27%)	13 (20%)	54 (35)	50 (34)
Hypertension	45 (68%)	42 (65%)	92 (61)	82 (57)
Diabetes	10 (15%)	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)

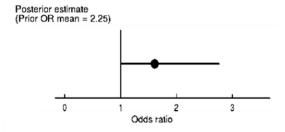
### **Supplemental Figures**



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.