

Supplemental Material

Figure S1. Newcastle Scales.

A. Amoogzar 2012

MODIFIED NEWCASTLE - OTTAWA QUALITY ASSESSMENT SCALE

COHORT STUDIES

Note: A study can be awarded a maximum of one star for each numbered item within the Selection and Outcome categories. A maximum of two stars can be given for Comparability

No.	Criterion	Decision rule	Score (*=1, no*=0)	Location in text
SELECTION				
1	Representativeness of the exposed cohort	a) Consecutive eligible participants were selected, participants were randomly selected, or all participants were invited to participate from the source population* b) Not satisfying requirements in part (a), or not stated.	0	
2	Selection of the non-exposed cohort	a) Selected from the same source population* b) Selected from a different source population c) No description	1	
3	Ascertainment of exposure	a) Structured injury data (e.g. record completed by medical staff)* b) Structured interview* c) Written self-report d) No description	1	
4	Demonstration that outcome of interest was not present at the start of the study	a) Yes* b) No or not explicitly stated	1	
COMPARABILITY				
1	Comparability of cohorts on the basis of the design or analysis	a) Study controls for previous injury* b) Study controls for age* <i>Note:</i> Exposed and non-exposed individuals must be matched in the design and/or confounders must be adjusted for in the analysis. Alone statements of no differences between groups or that differences were not statistically significant are not sufficient.	0	
OUTCOME				
1	Assessment of outcome	a) Independent or blind assessment stated, or confirmation of the outcome by reference to secure records (e.g. imaging, structured injury data, etc.)* b) record linkage (e.g. identified through ICD codes on database records)* c) Self-report with no reference to original structured injury data or imaging d) No description	1	
2	Was follow-up long enough for outcomes to occur?	a) Yes (≥ 3 months)* b) No (< 3 months)	1	
3	Adequacy of follow up of cohorts	a) Complete follow up – all participants accounted for* b) Subjects lost to follow up unlikely to introduce bias ($< 15\%$ lost to follow up, or description provided of those lost*) c) Follow up rate $< 85\%$ and no description of those lost provided d) No statement	1	
SCORE:			6	

B. Bentham 2018

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SCORE:			8	

C. Glatz 2018

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D. Mallula 2014

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SCORE:			7	

E. McMullan 2014

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F. Santoro 2009

MODIFIED NEWCASTLE - OTTAWA QUALITY ASSESSMENT SCALE

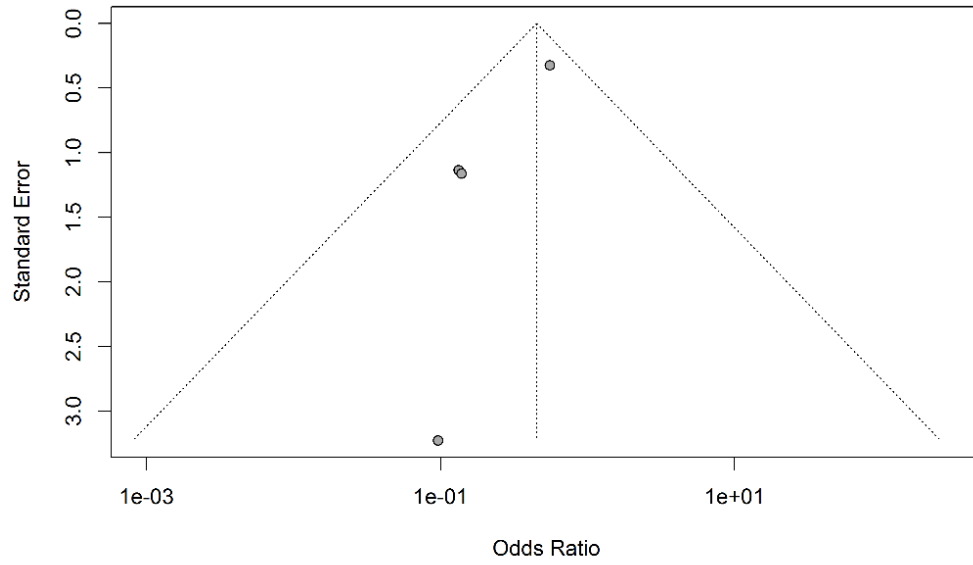
COHORT STUDIES

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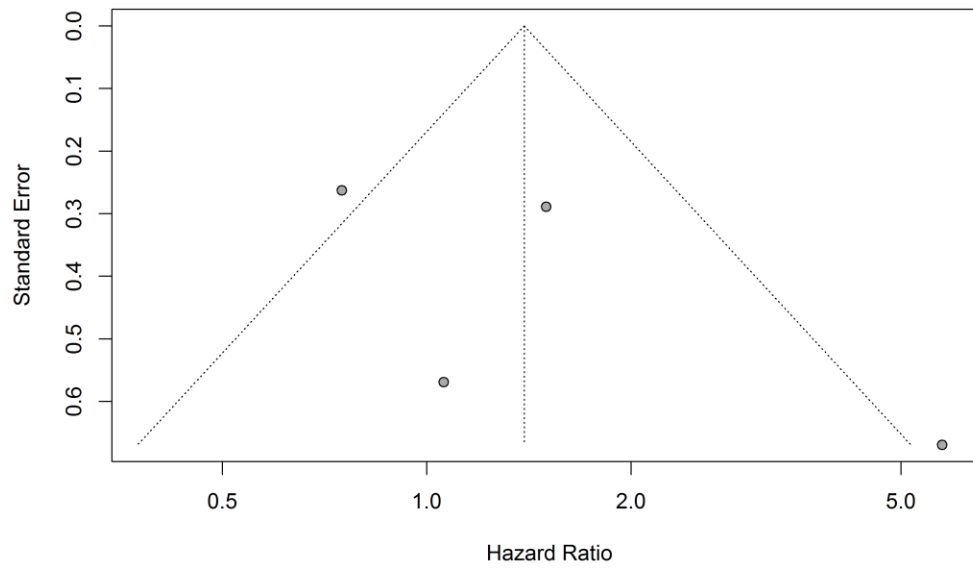
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Figure S2. Funnel Plots.

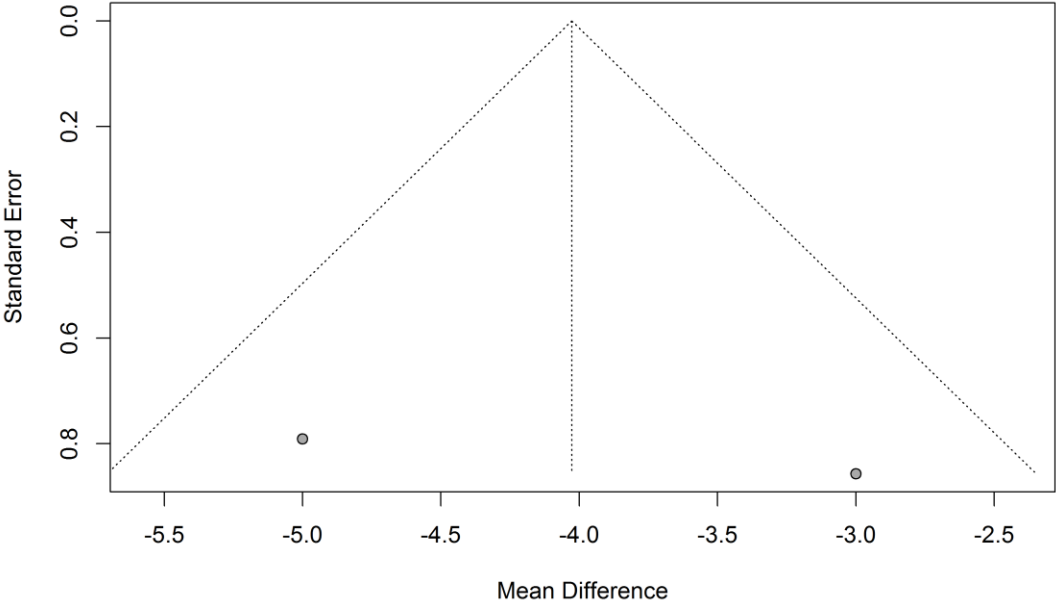
A. Complications



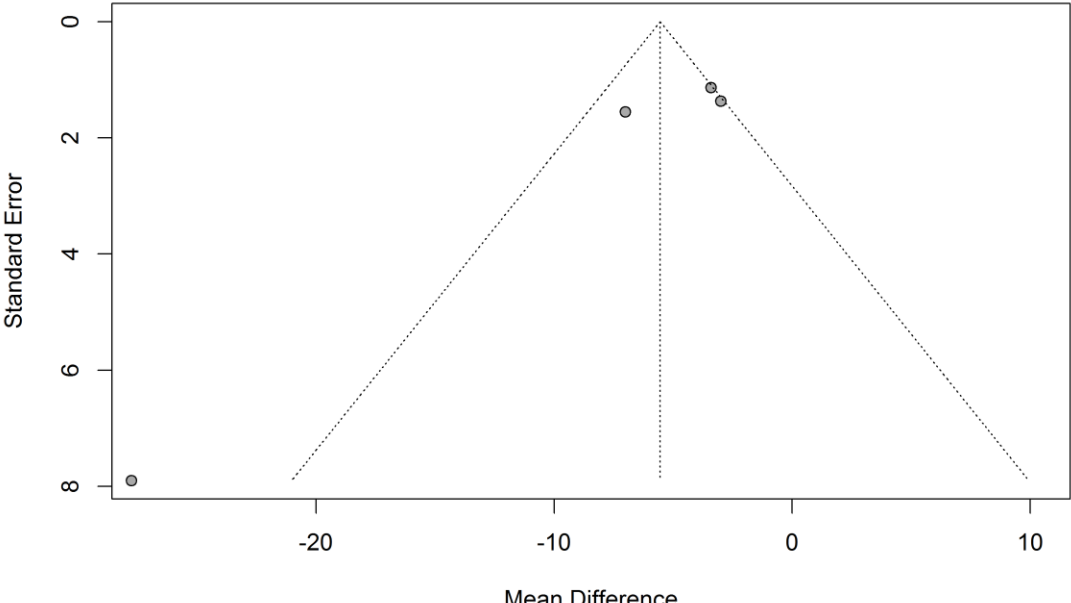
B. Unplanned reinterventions



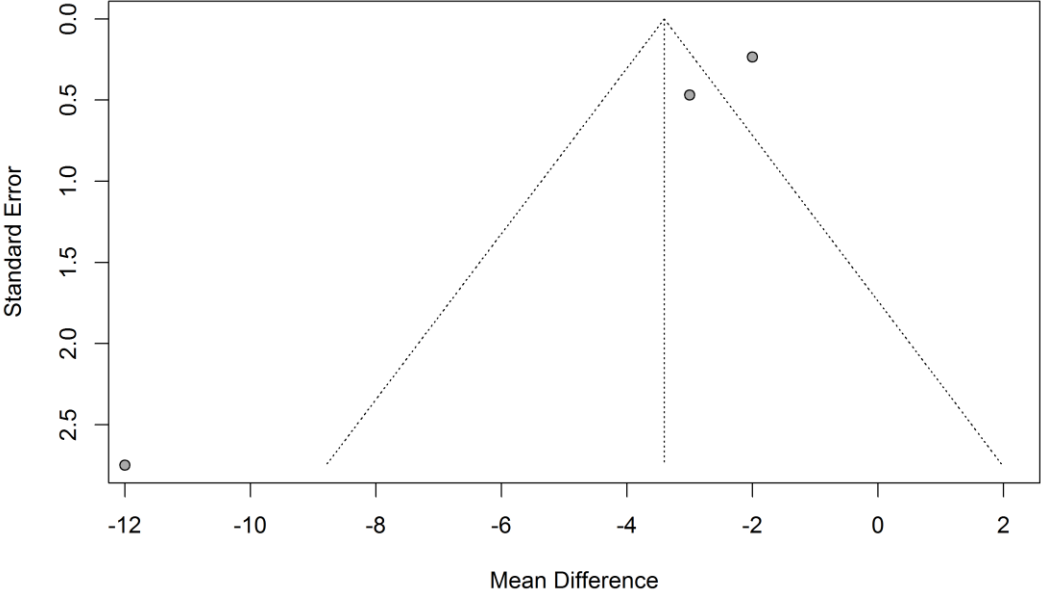
C. Intensive care unit length of stay



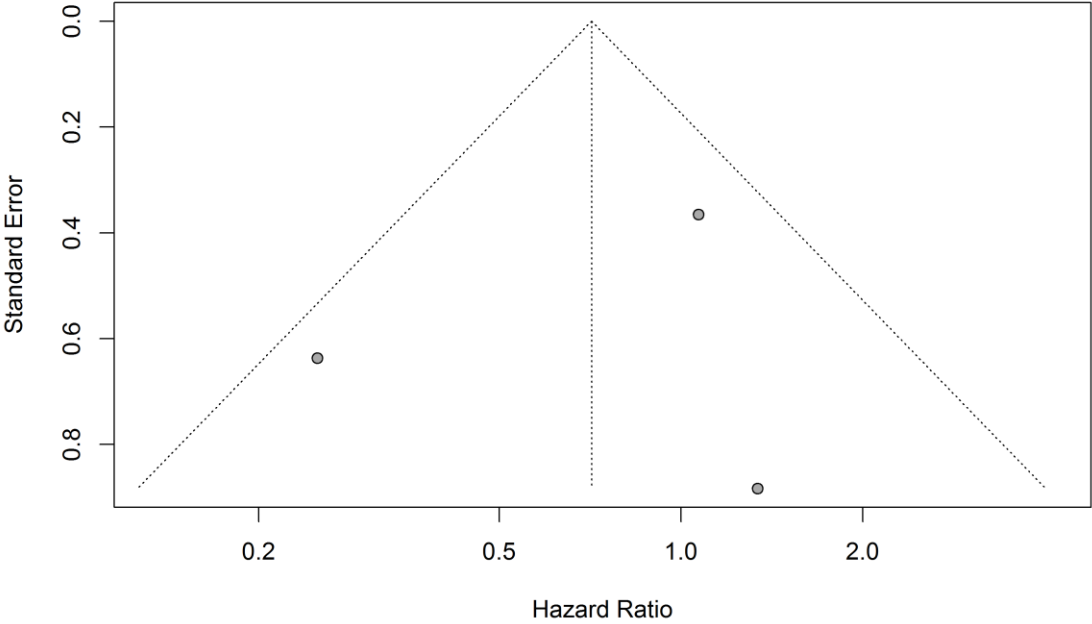
D. Hospital length of stay



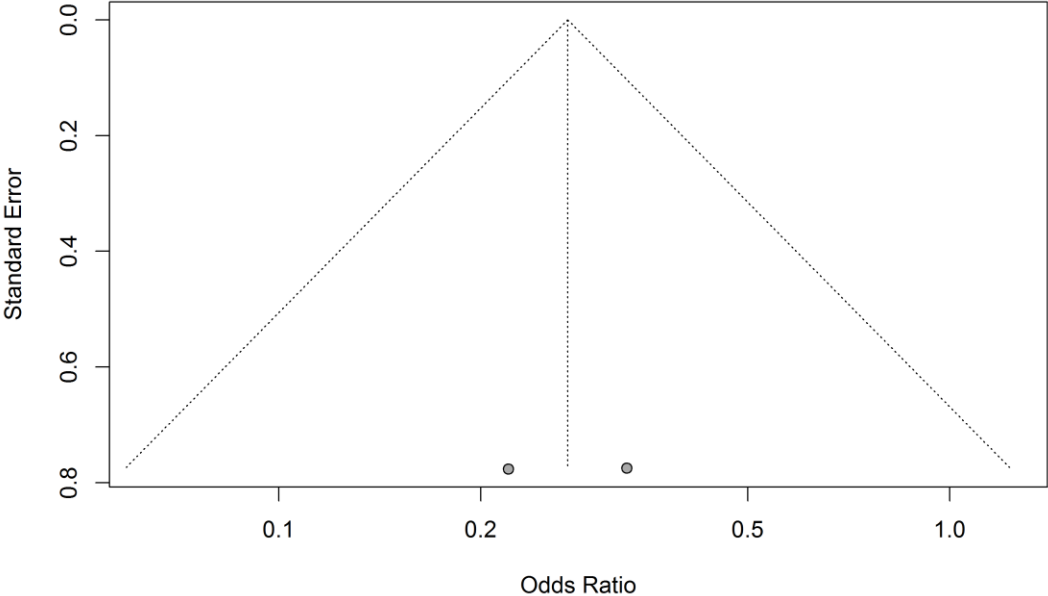
E. Duration of mechanical ventilation



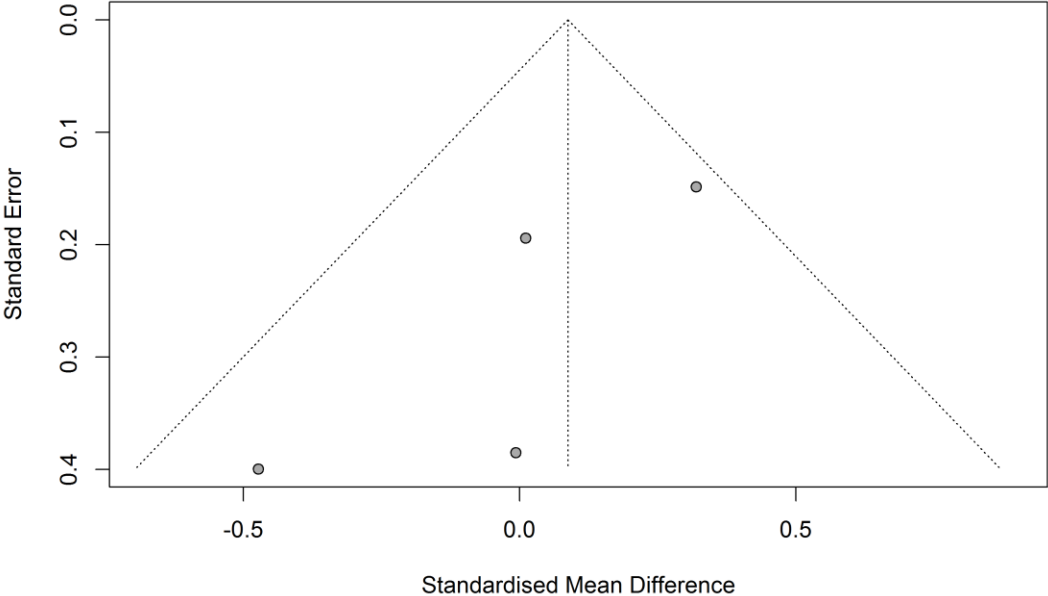
F. Mortality



G. Extracorporeal membrane oxygenation



H. Nakata index



I. Pulmonary artery symmetry index

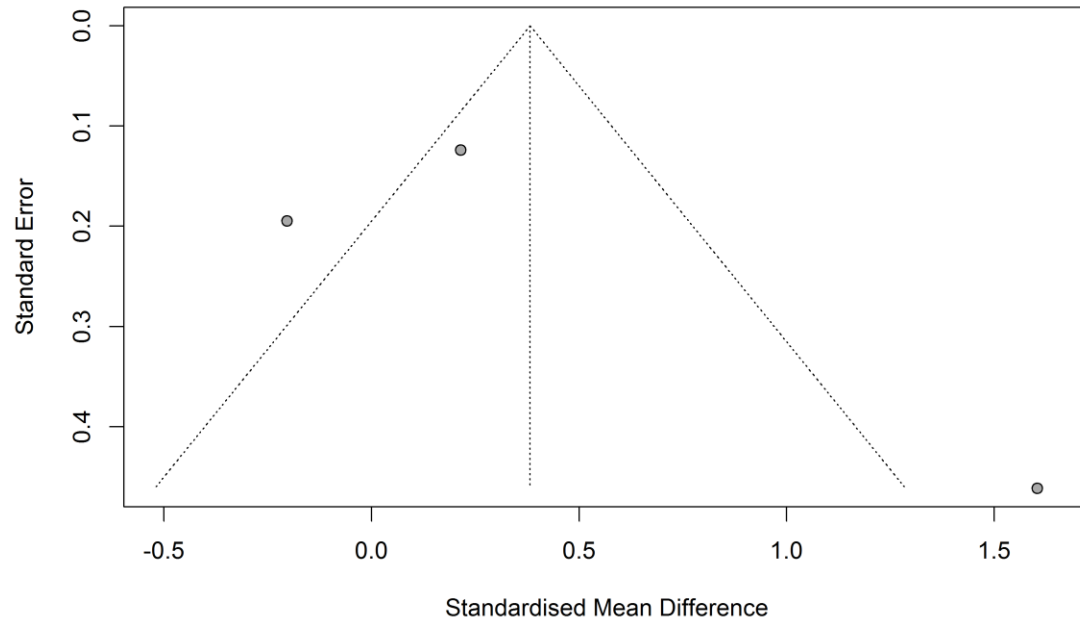
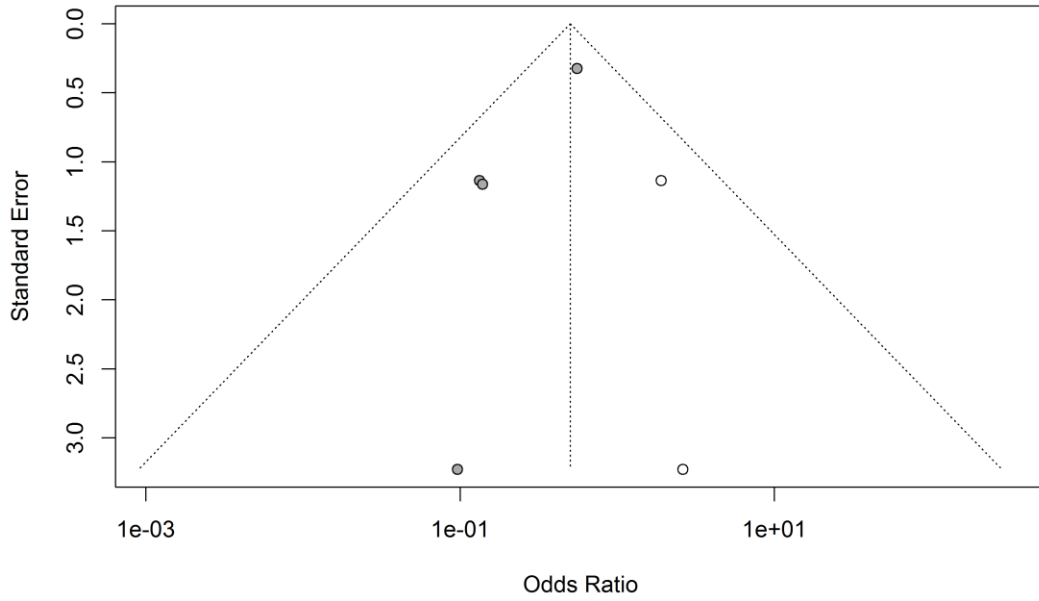
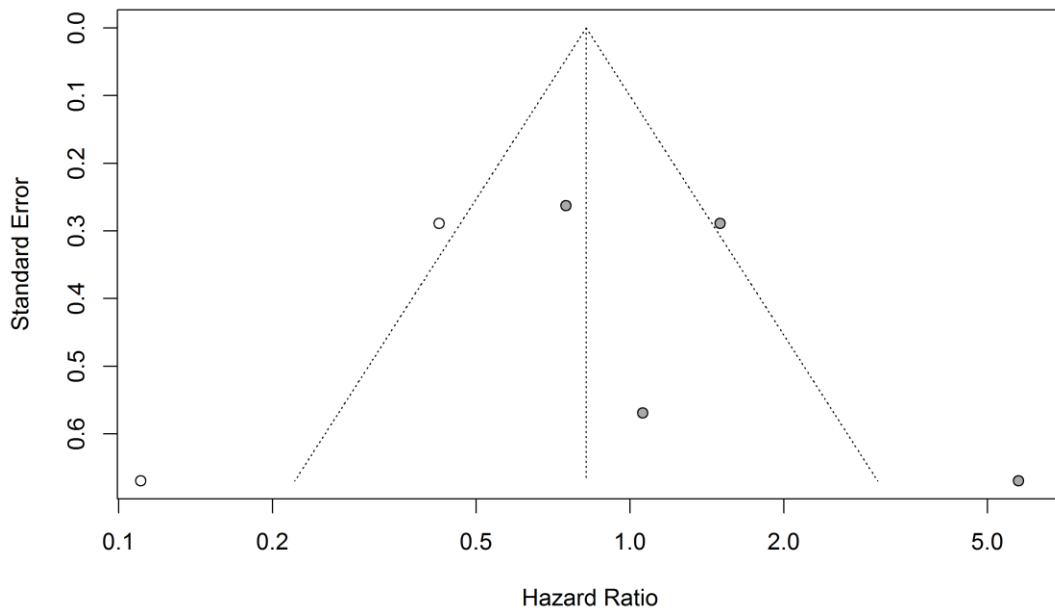


Figure S3. 'Trim and Fill' Analysis.

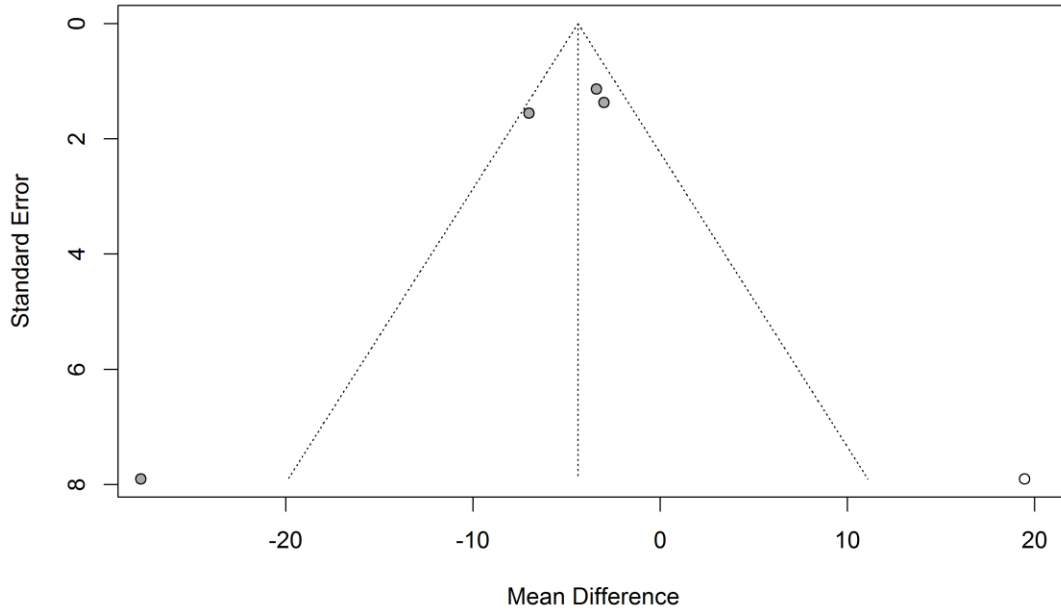
A. Complications



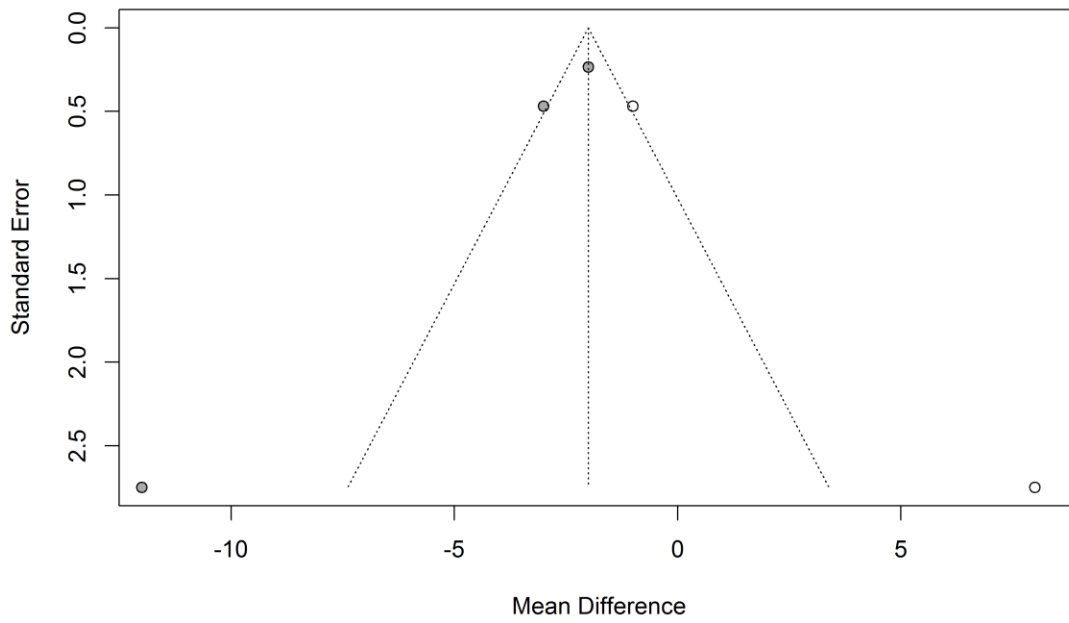
B. Unplanned reinterventions



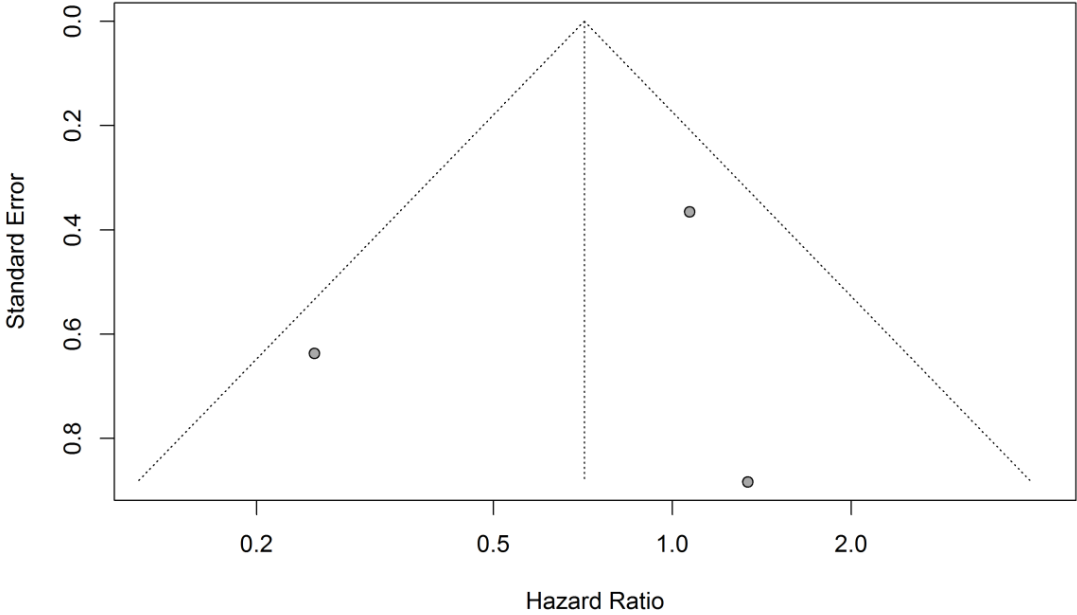
C. Hospital length of stay



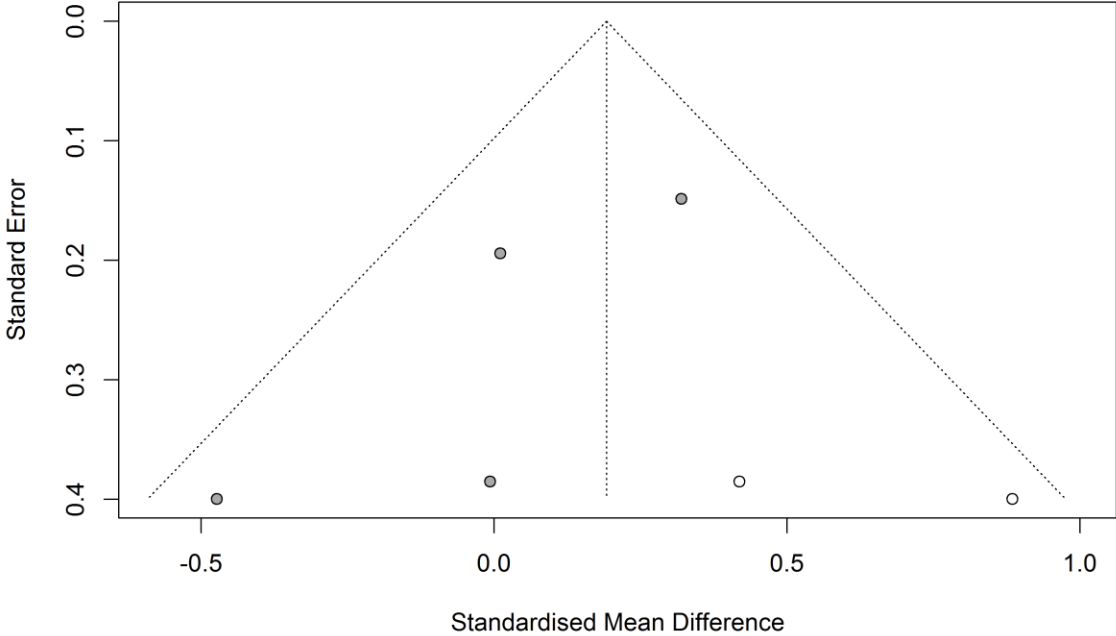
J. Duration of mechanical ventilation



K. Mortality



L. Nakata index



M. Pulmonary artery symmetry index

