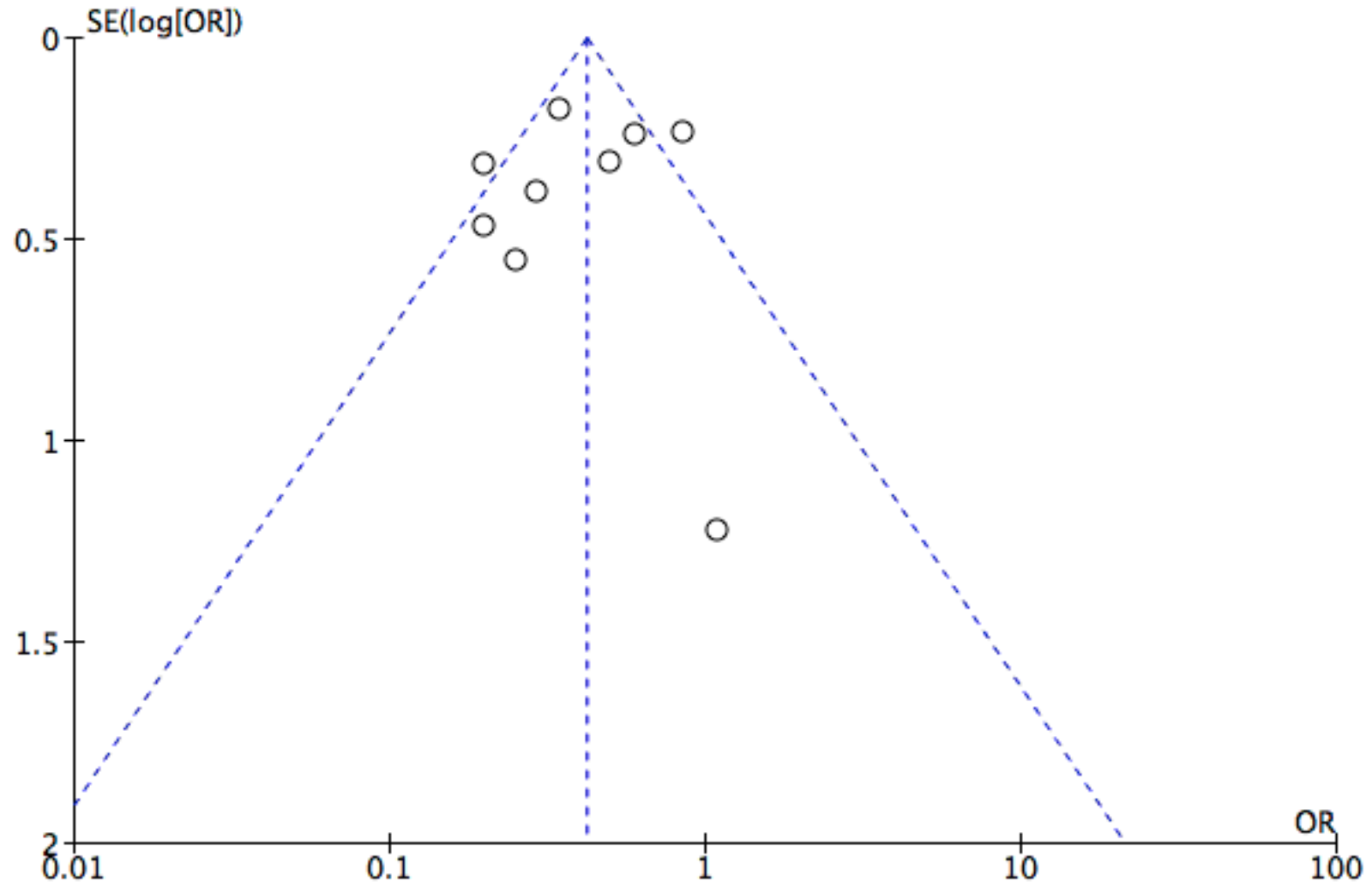
**SUPPLEMENTARY MATERIAL, FIGURE 1: Modified Newcastle-Ottawa Quality Assessment Scale (Cohort Studies)**

**Paper:**

| **Assessment of quality of a cohort study – Newcastle Ottawa Scale** | | |
|---|---|---|
| **Selection** (tick one box in each section) | | |
| 1. Representativeness of the intervention cohort | | |
| a) Truly representative of the general TBI population | * | ☐ |
| b) Somewhat representative of the general TBI population | * | ☐ |
| c) Selected group of patients | | ☐ |
| d) No description of the derivation of the cohort | | ☐ |
| 2. Selection of the non intervention cohort | | |
| a) Drawn from the same community as the intervention cohort | * | ☐ |
| b) Drawn from a different source | | ☐ |
| c) No description of the derivation of the non intervention cohort | | ☐ |
| 3. Ascertainment of intervention | | |
| a) Secure record (e.g. health care record) | * | ☐ |
| b) Structured interview | * | ☐ |
| c) Written self report | | ☐ |
| d) Other / no description | | ☐ |
| **Comparability** (tick one or all boxes, as appropriate) | | |
| 1. Comparability of cohorts on the basis of the design or analysis | | |
| **a)** Study controls for **age** | * | ☐ |
| **b)** Study controls for **Glasgow Coma Scale motor or total score** | * | ☐ |
| **c)** Study controls for **pupillary reactivity** | * | ☐ |
| **Outcome** (tick one box in each section) | | |
| 1. Assessment of outcome | | |
| a) Independent blind assessment | * | ☐ |
| b) Record linkage | * | ☐ |
| c) Self report | | ☐ |
| d) Other / no description | | ☐ |
| 2. Was follow up long enough for outcomes to occur | | |
| a) Yes, if median duration of follow-up >= 6 month | * | ☐ |
| b) No, if median duration of follow-up < 6 months | | ☐ |
| 3. Adequacy of follow up of cohorts | | |
| a) Complete follow up: all subjects accounted for | * | ☐ |
| b) Subjects lost to follow up unlikely to introduce bias: number lost <= 20%, | * | ☐ |
| or description of those lost suggesting no different from those followed | | ☐ |
| c) Follow up rate < 80% (select an adequate %) and no description of those lost | | ☐ |
| d) No statement | | |

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

**TOTAL SCORE: __/9**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