**Supplement**

**Supplement A: Article quality rating scale adapted from** Downs & Black(1998)

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| **Criterion** | **RATINGS** | | |
|  | **Strong**  **2 points** | **Moderate**  **1 point** | **Weak**  **0 points** |
| **PARTICIPANT DESCRIPTON** | | | |
| Demographics (age, handedness, gender, education) | 3+ aspects reported | 1-2 aspects reported | None reported |
| Aspects of cognition reported | 2+ aspects | 1 aspect | None reported |
| Concomitant disorders mentioned (depression, dysarthria, etc.) | 2+ reported | 1 Reported | None reported |
| Aspects of communication (other than prosody) reported | 2+ aspects | 1 aspect | None reported |
| Lesion variables? (type: ischemic/hemorrhagic, #, size, location within RH) | 3+ aspects | 1-2 aspects | None (other than RH) |
| Months post onset | MPO average & range/variability reported | Report MPO only as a cut off (e.g., greater than 6 months) | None reported |
| **DEPENDENT VARIABLES** | | | |
| Dependent Variables | Clearly defined | Decent but not completely defined | Not defined |
| Reliability of relevant measures | High reliability | Moderate reliability, or reliability of only 1 relevant measure reported | None reported |
| Evaluate influence of cog or comm variables | Control for or examine 2+ variables | Control for or examine 1 variable | No cog/comm variables controlled or examined |
| **INDEPENDENT VARIABLES** | | | |
| Independent Variables | Clearly defined | Decent but not completely defined; includes “RHD” as the independent variable with limited description of the participant pool | Not defined |
| **METHODS** | | | |
| Experimental Methods (including stimulus presentation, DV measurement, # sessions, location of sessions, examiner, etc.) | Described well enough to replicate | Decent but not completely described; could approximate a replication of the methods | Limited description; no way methods could be replicated |
| Validity/strength of assessments for clinical characteristics of participant description | Strong/valid measures | Standardized but weak measures or inappropriate normative data for participant sample | Unstandardized/informal measures or not reported |
| Consider influence of demographic/clinical factors – age, education, MPO | Control or account for 2+ factors  (inclusion criteria control for heterogeneity, group analyses, or correlations) | Control for 1 factor (inclusion criteria control for heterogeneity, group analyses, or correlations) | No consideration of factors |
| Study design | Case-series experimental design (experimental = control behavior);  large RHD group (> 10) with appropriate control group | Single-subject experimental design (experimental = control behavior); large RHD group without or inappropriate control; small RHD group (< 10) with appropriate control group | If study fails to attain moderate rating |