Table 4. Quality Assessment Checklist.

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| **General Items (G) = 25%** | **Specific Items (S) = 75%** |
| G1: Problem definition and motivation:   1. Explicit Definition (1.0) 2. General Definition (0.5) 3. No definition (0.0) | S1: Evaluation of the study:   1. Formalized evaluation (1.0) 2. Some informal evidences are provided (0.5) 3. Non-justified or ad-hoc validation (0.0) |
| G2: Research methodology:   1. An empirical methodology (1.0) 2. A generalized analysis (0.5) 3. Lacks any proper methods (0.0) | S2: Definition of the experimentation method:   1. Formalized experimentation method (1.0) 2. Some informal evidences are provided (0.5) 3. Non-justified or ad-hoc experimentation method (0.0) |
| G3: The study contributions refer to the study results:   1. Explicitly correlates contributions to results (1.0) 2. There isn't correlation between contributions and results (0.5) 3. There isn't description of contributions or results (0.0) | S3: Metrics to validate comprehension characteristics:   1. Formalized definition of metrics (1.0) 2. Some informal definition of metrics (0.5) 3. Non-justified or ad-hoc definition of metrics (0.0) |
| G4: Limitations and future implications of the study:   1. Formalized empirical evaluations (1.0) 2. Some informal evidences are provided (0.5) 3. Non-justified or ad-hoc validation (0.0) | S4: Use of another device in addition to eye-tracking:   1. Formalized definition of another device (1.0) 2. Some informal definition of another device (0.5) 3. No definition (0.0) |