QuALMRI Template

**I. Question**

**A. Diffuse, or “big picture” question:**

**B. The specific question(s) addressed in the research:**

**C. The connection between the two:**

**3**

**II. Alternative Hypotheses**

**A. Main hypothesis:**

**B. Other alternatives:**

**III. Logic & Design**

**A. Specification of dependent (DV) and independent (IV) variables:**

**B. Operational definitions of variables of interest:**

**C. Deductive logic statements for your question specifying how an experimental outcome will follow from particular alternative answers to your question:**

**IV. Method**

**A. Realization of each independent and dependent variable:**

**1. Participants:**

**2. Stimuli or questionnaires:**

**B. Procedure:**

**1. Instructions:**

**2. What they see, when, for how long, and in what order:**

**3. Data Collection:**

**4. Length of entire experimental procedure:**

**V. Results**

**A. Presentation of results in order of importance and relevance to initial question(s):**

**B. Descriptions of the data shown in tables, charts, etc., as necessary:**

**VI. Inferences**

**A. Inferences most directly implied by the results and most relevant to the questions at**

**hand, in order of importance:**

**B. Discriminate between the inferences that the authors (which might be you) of the**

**study wish to draw, and those that you think are warranted by the results, by identifying**

**potential flaws and limitations in any stage of the experiment:**

**C. Suggestions as to how to fix flaws, overcome them, or follow up on them in**

**subsequent experiments.**