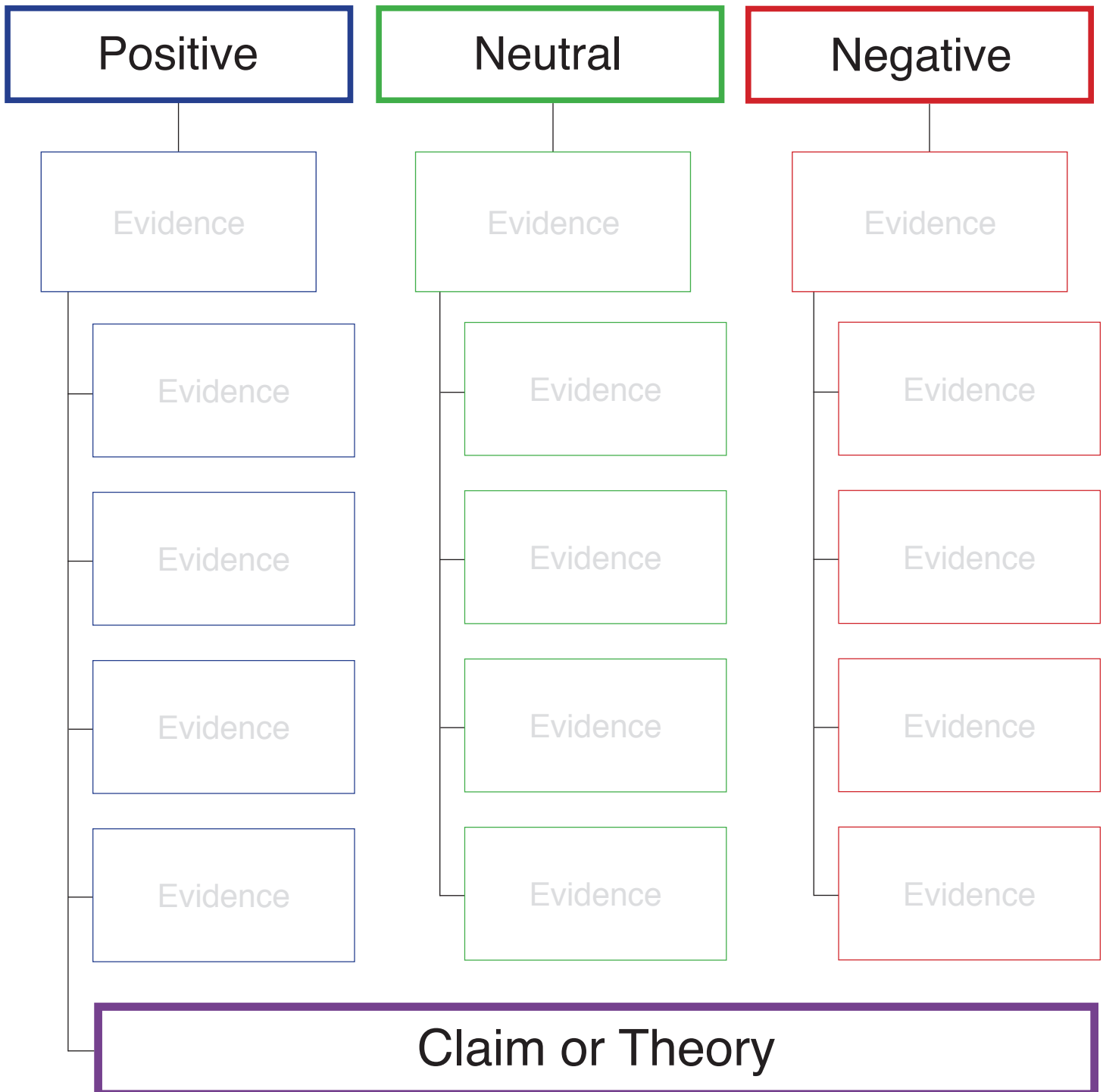


Making a Scientific Claim

When making a scientific claim, consider all data positive, negative, and neutral. Results should be examined for accuracy, validity, and reliability. Do the results make sense? Does the evidence support the claim? Neutral or negative evidence might be a reason to reevaluate a positive claim.



Evaluating a Scientific Claim

Hypothesis, Claim, or Theory

Supporting

Evidence & Source

Evidence & Source

Evidence & Source

Evidence & Source

Evidence & Source

Evidence & Source

Neutral

Evidence & Source

Evidence & Source

Evidence & Source

Evidence & Source

Evidence & Source

Evidence & Source

Refuting

Evidence & Source

Evidence & Source

Evidence & Source

Evidence & Source

Evidence & Source

Evidence & Source