**Option A** -
A Certainty

**A-Non-ideal dental health state**
e.g. saving or replacing the tooth by undergoing restorative/prosthetic treatment

**Option B**
A Gamble

**B₁- Ideal dental health state**
e.g. virgin tooth for the rest of your life

**B₂- Worst possible dental health state**
e.g. immediate extraction and never having the tooth replaced

Where

\[ p = \text{probability of } B₁ \text{ occurring} \]

\[ 1-p = \text{probability of } B₂ \text{ occurring} \]