Terminology for Describing the Results

When the experimental treatment **increases the probability of a good outcome:**

**ABI (absolute benefit increase).** The absolute arithmetic difference in rates of good outcomes between experimental and control patients in a trial, calculated as $\text{EER} - \text{CER}$.

**RBI (relative benefit increase).** The proportional increase in rates of good outcomes between experimental and control patients in a trial, calculated as $|\text{EER} - \text{CER}|/\text{CER}$.

**NNT (number needed to treat).** The number of patients who need to be treated to achieve one additional good outcome, calculated as $1/\text{ARR}$.

When the experimental treatment **reduces the probability of a bad outcome:**

**ARR (absolute risk reduction).** The absolute arithmetic difference in rates of bad outcomes between experimental and control participants in a trial, calculated as $\text{EER} - \text{CER}$. (This is sometimes called the risk difference.)

**RRR (relative risk reduction).** The proportional reduction in rates of bad outcomes between experimental and control participants in a trial, calculated as $|\text{EER} - \text{CER}|/\text{CER}$.

**NNT (number needed to treat).** The number of patients who need to be treated to achieve one additional favorable outcome, calculated as $1/\text{ARR}$

When the experimental treatment **increases the probability of a bad outcome:**

**ARI (absolute risk increase).** The absolute arithmetic difference in rates of bad outcomes between experimental and control patients in a trial, calculated as $\text{EER} - \text{CER}$.

**RRI (relative risk increase).** The proportional increase in rates of bad outcomes between experimental and control patients in a trial, calculated as $|\text{EER} - \text{CER}|/\text{CER}$.

**NNH (number needed to harm).** The number of patients, who, if they received the experimental treatment, would result in one additional patient being harmed, compared with patients who received the control treatment; calculated as $1/\text{ARR}$.