Mathematical Representation

**Target Population Mean**

**Unadjusted Target Population Variance**

**Unadjusted Target Population Standard Deviation**

**Adjusted Target Population Variance**

**Adjusted Target Population Standard Deviation**

**Reduced Target Population Mean**

**Unadjusted Reduced Target Population Variance**

**Unadjusted Reduced Target Population Standard Deviation**

**Adjusted Reduced Target Population Variance**

**Adjusted Reduced Target Population Standard Deviation**

**Mean of the Sampling Distribution of the Sample Means**

**Adjusted Variance of the Sampling Distribution of the Sample Means**