**Test 1 Formulas**

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| **Sample Size Estimation:**  | **Sample size estimation 'double check'**n =  |
| **Sample Size Estimation Using Proportions:****For Differences:** n =  | **Sample Size Estimation Using** **Proportions:****For Relative Differences:** n =  |
| **Weighted samples:**Step 1:Step 2: Calculate 'n.tilde':  {Used throughout}Step 2: Calculate 'w star i': Step 3: Calculate: Step 4: Calculate  | **Fisher's Exact Test:**P**cutoff** =

|  |  |  |
| --- | --- | --- |
| ai,j | ai,j | R1 |
| ai,j | ai,j | R2 |
| C1 | C2 | N |

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| **Population portions:**var (p) = :p + 1.96 x  |
| **Coefficient of Variation:**95% Confidence Interval: | **Simple Random Sample:**var**s** (y.bar) = (1 – f) \* s2 / n95% Confidence Interval:sd (y.bar) + 1.96 x  |