Statistical Testing using www.graphpad.com

Web address: http://www.graphpad.com/quickcalcs/contingency1.cfm

Input–Enter the Data

Example data

Baseline rate: 38.27% - (155 ÷ 405 = 38.27%)
Remeasurement 1: 41.41% - (205 ÷ 495 = 41.41%)

Enter the numerator (NUM), the denominator minus the numerator (DEN – NUM) for the measurement periods (baseline and Remeasurement 1).

	NUM	DEN - NUM
Baseline	155	250
Remeasurement 1	205	290

Which Test?

Select the Fisher's exact test.

- (•) Fisher's exact test (recommended)
- ( ) Chi-square with Yates' correction
- ( ) Chi-square without Yates' correction

Always select two-tailed (also called two-sided).

- (•) Two-tailed (required)
- ( ) One-tailed

Calculate

Output–Statistical Test Results

The *p* value and statistical interpretation are output below.

	NUM	DEN - NUM	Total
Baseline	**155**	**250**	**405**
Remeasurement 1	**205**	**290**	**495**
Total	**360**	**540**	**900**

Fisher's exact test

The two-tailed *p* value equals 0.3740

The association between rows (groups) and columns (outcomes) is considered to be ***not statistically significant***.

Additional Guidance

If Graphpad doesn't calculate the Fisher's exact test (numerator and denominator are too large), then select the Back button on your Web browser and select the Chi-square without Yates' correction.

- ( ) Fisher's exact test (recommended)
- ( ) Chi-square with Yates' correction
- (•) Chi-square without Yates' correction

End