McNemar's Test for Paired Proportions

McNemar's Test) A group of 330 people were surveyed regarding approval of the President's performance at the beginning of his term and two years later. 130 approved at the beginning and 230 approved two years later. Is there evidence to conclude that the President's approval rating has increased at the 5% significance level?

Before
$$\begin{vmatrix} + & - \\ a & b \\ C & d \end{vmatrix}$$
 $TS: \frac{(b-c)^2}{b+c}$ $CV: \chi^2_{n-1,\alpha}$

	Approve	Disapprove
Before	130	200
After	230	100
TS:	2.093	
CV:	3.841	
n =	330	





