

McNemar test

The McNemar test is a test on a 2x2 classification table when the two classification factors are dependent, or when you want to test the difference between paired proportions

Count of First wave of Covid-19	Second wave of Covid-19		Total
	NO	YES	
NO	52	116	168
YES	142	29	171
Total	194	145	339

First wave of Covid-19	second wave of Covid-19
NO	YES
YES	NO
YES	NO
NO	YES
YES	NO
YES	NO
NO	YES
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
NO	YES
YES	NO
YES	NO
NO	YES
NO	YES
YES	NO
YES	NO
YES	NO
YES	NO
NO	YES
YES	NO
YES	NO
YES	NO
NO	YES

NO	YES
NO	YES
YES	NO
NO	YES
NO	YES
YES	NO
NO	YES
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
NO	YES
YES	NO
YES	NO
NO	YES
YES	NO
NO	YES
YES	NO
NO	YES
NO	YES
NO	YES
NO	YES
NO	YES
YES	NO
YES	NO
NO	YES
NO	YES
NO	YES
YES	NO
YES	NO
YES	NO
YES	NO
NO	YES
YES	NO
NO	YES
YES	NO
NO	YES
NO	YES
YES	NO

NO	YES
NO	YES
YES	YES
NO	YES
NO	YES
NO	NO
NO	YES
NO	YES
NO	YES
YES	NO
NO	YES
NO	NO
YES	YES
YES	YES
NO	YES
NO	NO
NO	YES
YES	NO
NO	NO
NO	NO
NO	NO
YES	NO
YES	YES
NO	YES
NO	NO
NO	NO
NO	NO
NO	YES
YES	NO
NO	YES
YES	YES
YES	YES
NO	NO
NO	NO
YES	YES
NO	YES
NO	YES
YES	YES
NO	NO
NO	YES
NO	NO
NO	YES
NO	YES
NO	NO
NO	NO
NO	YES

YES	NO
YES	NO
NO	YES
YES	NO
YES	NO
NO	NO
YES	NO
YES	NO
YES	NO
YES	YES
YES	NO
NO	NO
YES	YES
YES	YES
YES	NO
NO	NO
YES	NO
NO	YES
YES	NO
NO	NO
NO	NO
NO	YES
NO	YES
NO	NO
YES	NO
NO	NO
NO	NO
YES	YES
NO	NO
NO	YES
YES	YES
YES	NO
YES	NO
YES	YES
YES	NO
NO	NO
NO	YES
NO	NO
NO	NO
NO	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO

NO	YES
NO	YES
YES	YES
NO	YES
NO	YES
YES	NO
NO	NO
YES	YES
YES	NO
NO	NO
NO	YES
NO	NO
NO	YES
NO	YES
NO	NO
NO	YES
NO	YES
NO	NO
NO	YES
NO	YES
NO	NO
NO	NO
NO	NO
YES	NO
YES	NO
YES	NO
YES	NO
NO	NO
YES	NO
YES	NO
NO	NO
YES	YES
NO	YES
NO	YES
NO	YES
NO	NO
NO	NO
YES	NO
NO	NO
NO	NO
YES	NO
NO	YES
YES	NO
YES	NO
YES	YES
YES	NO
YES	YES
YES	NO
YES	YES
NO	YES
NO	YES

YES	YES
YES	YES
YES	NO
NO	NO
YES	YES
NO	YES
NO	NO
NO	NO
YES	NO
NO	NO
NO	NO
YES	YES
NO	NO
YES	NO
YES	YES
YES	NO
YES	YES
YES	YES
NO	YES
NO	YES
YES	YES
YES	NO
YES	NO
NO	YES
YES	YES
NO	NO
NO	NO
NO	NO
YES	NO
YES	NO
NO	YES
NO	NO
NO	NO
NO	YES
YES	NO
NO	YES
YES	YES