

### **Analysis on the moving average of the short term and long term.**

The number of death cross and number of golden cross of each stock are as follows. TCS and Bajaj Auto stocks are swinging back and forth more than other stocks creating a greater number of crosses. While Eicher Motors stocks are little bit more stable.

Stock	No of Golden Cross (Buy)	No of Death Cross (Sell)
Bajaj Auto	12	11
Eicher Motors	7	6
Hero Motocorp	9	9
Infosys	9	9
TCS	13	12
TVS Motors	8	8

Form the intermediate table bajaj1, it is seen that the 20-day moving average is closer to the actual price than 50 days moving average.

It is noted that when the golden crosses are coming, the close price of the stocks are increasing. Therefore, the short-term moving average is increasing with the actual price. This indicates to buy the stock.

Similarly, when the death cross coming, the close price of the stocks is decreasing in the nearby dates. Therefore, the short-term moving average is decreasing. This indicates to sell the stock.