**Overall Statistics**

**Accuracy : 0.8521**

95% CI : (0.8431, 0.8607)

No Information Rate : 0.7369

P-Value [Acc > NIR] : < 2.2e-16

Kappa : 0.5915

Mcnemar's Test P-Value : < 2.2e-16

#######################################

**Kendall = tau = 0.622, 2-sided pvalue =< 2.22e-16**

#######################################

**Wilcoxon rank sum test with continuity correction**

**data: data12$pred and data12$respon**

W = 199720, p-value < 2.2e-16

alternative hypothesis: true location shift is not equal to 0

**data: data23$pred and data23$respon**

W = 504310, p-value < 2.2e-16

alternative hypothesis: true location shift is not equal to 0

**data: data34$pred and data34$respon**

W = 796540, p-value < 2.2e-16

alternative hypothesis: true location shift is not equal to 0

**data: data45$pred and data45$respon**

W = 13389000, p-value < 2.2e-16

alternative hypothesis: true location shift is not equal to 0

**Dataset Detail Information**

+ data12 %>% group\_by(respon, pred) %>% summarise(jumlah\_data = n()) %>% as.data.frame();

+

respon pred jumlah\_data

1 1 1 141

2 1 3 40

3 1 5 190

4 2 1 16

5 2 2 28

6 2 3 15

7 2 5 104

>

+ data12$pred[data12$pred != 1] = 2;

+ data23$pred[data23$pred != 2] = 3;

+ data34$pred[data34$pred != 3] = 4;

+ data45$pred[data45$pred != 4] = 5;

+

+ data12 %>% group\_by(respon, pred) %>% summarise(jumlah\_data = n()) %>% as.data.frame();

+

respon pred jumlah\_data

1 1 1 141

2 1 2 230

3 2 1 16

4 2 2 147

> data23 %>% group\_by(respon, pred) %>% summarise(jumlah\_data = n()) %>% as.data.frame();

+

respon pred jumlah\_data

1 2 2 28

2 2 3 135

3 3 2 2

4 3 3 775

> data34 %>% group\_by(respon, pred) %>% summarise(jumlah\_data = n()) %>% as.data.frame();

+

respon pred jumlah\_data

1 3 3 504

2 3 4 273

3 4 3 20

4 4 4 345

> data45 %>% group\_by(respon, pred) %>% summarise(jumlah\_data = n()) %>% as.data.frame();

+

respon pred jumlah\_data

1 4 4 129

2 4 5 236

3 5 5 4693

> wilcox.test(data12$pred, data12$respon);

+ wilcox.test(data23$pred, data23$respon);

+ wilcox.test(data34$pred, data34$respon);

+ wilcox.test(data45$pred, data45$respon);