## **Model Performance Report**

Logistic Regr	ession: precision	recall	f1-score	support
	p. 001010		555.5	эмрро. с
False	0.41	0.32	0.36	75
True	0.54	0.64	0.59	95
accuracy			0.50	170
macro avģ	0.48	0.48	0.48	170
weighted avg	0.49	0.50	0.49	170
3				
Random Forest				
Nandom Forest	precision	recall	f1-score	support
	precision	recute	11 30010	Support
False	0.43	0.37	0.40	75
True	0.55	0.61	0.58	95
	0.00	0.02	0.00	
accuracy			0.51	170
macro avg	0.49	0.49	0.49	170
weighted avg	0.50	0.51	0.50	170
gg				
SVC:				
SVC:	precision	recall	f1-score	cupport
	precision	recatt	11-30016	support
False	0.00	0.00	0.00	75
True	0.56	1.00	0.72	95
Truc	0.50	1.00	0.72	33
accuracy			0.56	170
macro avg	0.28	0.50	0.36	170
weighted avg	0.31	0.56	0.40	170
3				<del>-</del>

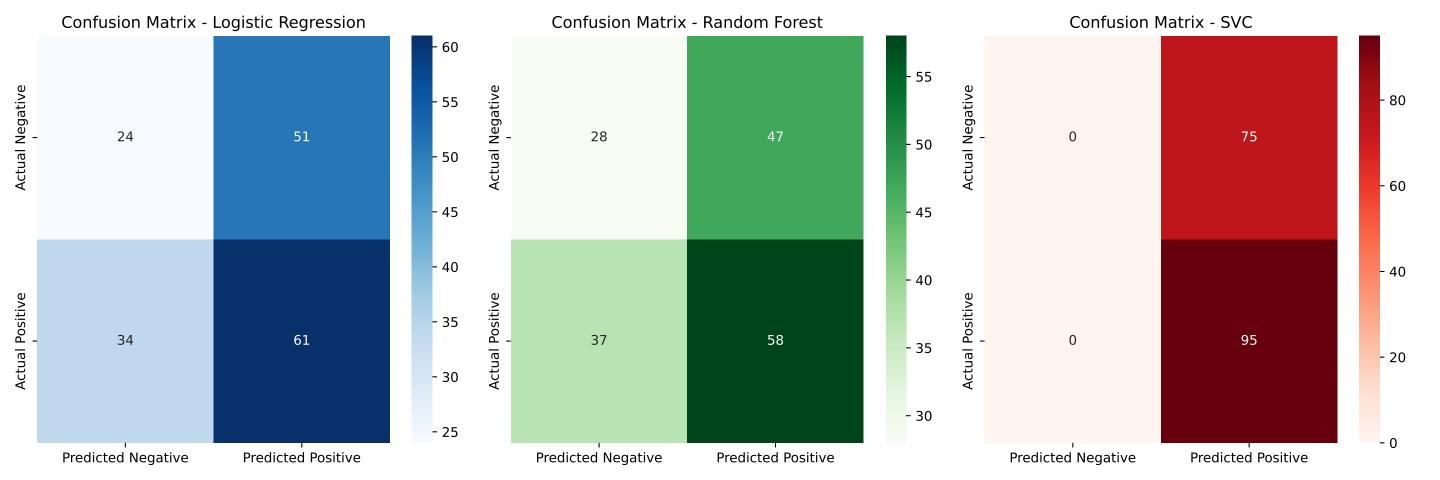
## **Best Hyperparameters for Each Model**

Logistic Regression Best Params:
 logisticregression\_\_C: 1

Random Forest Best Params:
randomforestclassifier\_\_max\_depth: 5
randomforestclassifier\_\_n\_estimators: 5

SVC Best Params: svc C: 0.1

	Training Accuracy	Validation Accuracy	Test Accuracy
Logistic Regression	0.5588145970113183	0.5334190506803814	0.5
Random Forest	0.9182494864462077	0.5045837351333976	0.5058823529411764
SVC	0.5830606463393349	0.5190121075752705	0.5588235294117647



Feature Importance - Logistic Regression

