Support Vector Classifier Model Metrics (One Hot Encoded)

Stages	Accuracy	Precision**	Recall**	F1 Score**
[Research Paper](https://ieeexplore-ieee-org.myaccess.library.utoronto.ca/document/9033784) (https://ieeexplore-ieee-org.myaccess.library.utoronto.ca/document/9033784)	76.5	65.1	93.1	76.6
[Research Paper](https://ieeexplore-ieee-org.myaccess.library.utoronto.ca/document/9362933) (https://ieeexplore-ieee-org.myaccess.library.utoronto.ca/document/9362933)	85	N/A	53	51
Base Model	49.7			
Base Model with Manually Selected Categories	84.32			
Filter Method	85.68			
Scaled + Linear Kernel*	92.2			
Scaled + RBF	91.9			
Sequential forward/backward selection wrapper	92	93	92	92
Hyperparameter tuning	92.50	97.03	87.70	92.12
FINAL MODEL PARAMS: *C = 10, Gamma = 0.01, Linear Kernel*				

*Continued with this model onwards

**Blank values indicate no measured metrics. Two numbers indicate a measure for both classes: No attrition and attrition respectively