

# CircuitGuard - Model Evaluation Report

Overall Performance:

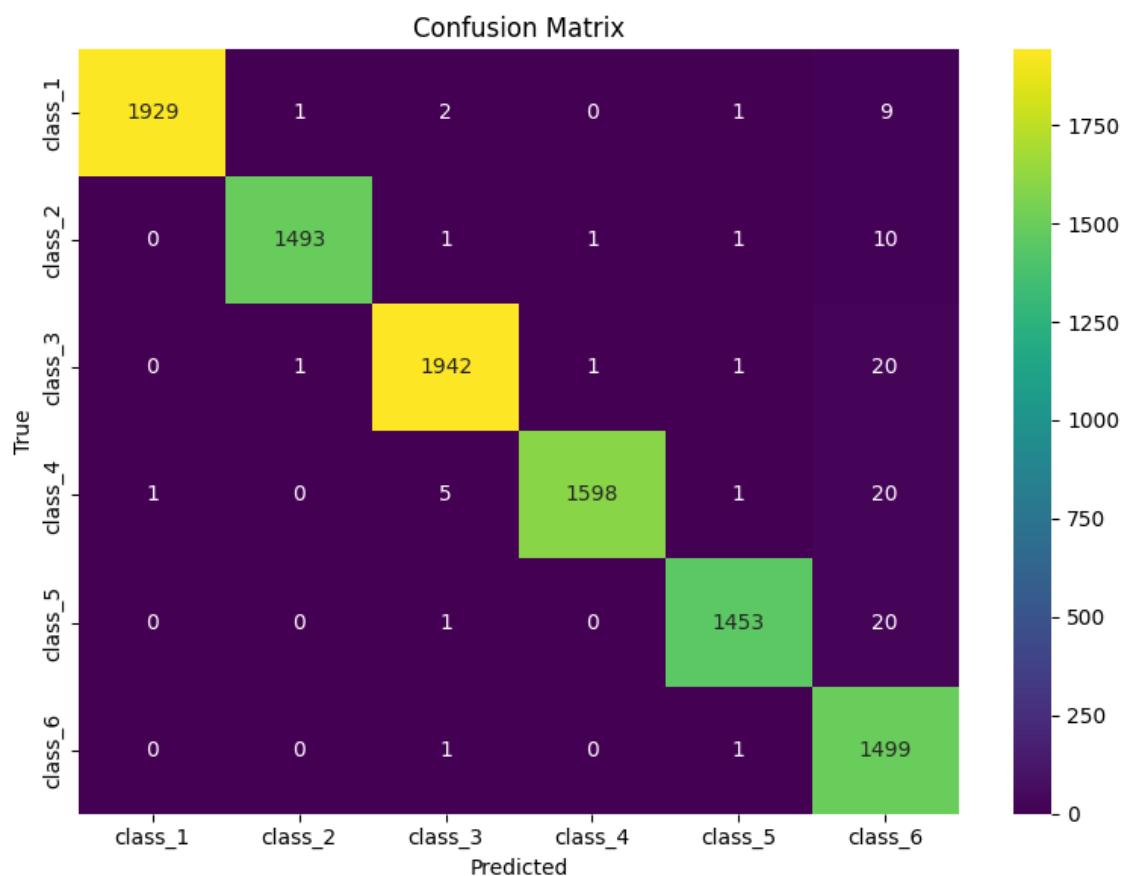
Accuracy : 0.9901

Precision : 0.9905

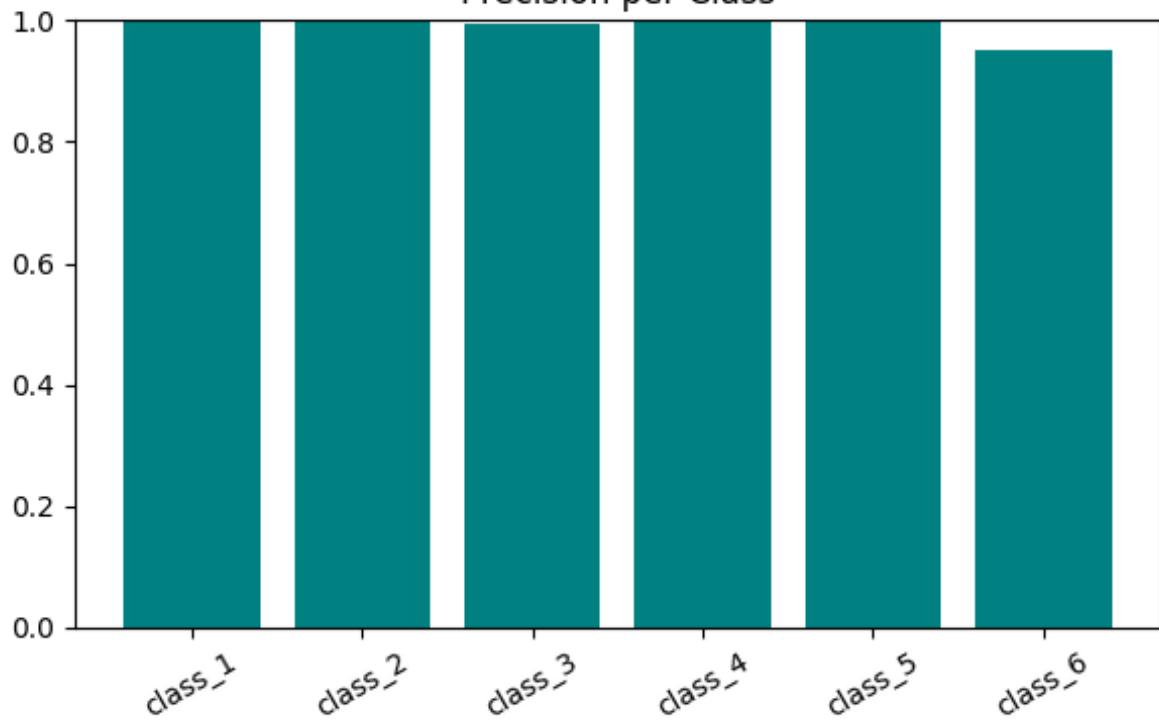
Recall : 0.9901

F1 Score : 0.9902

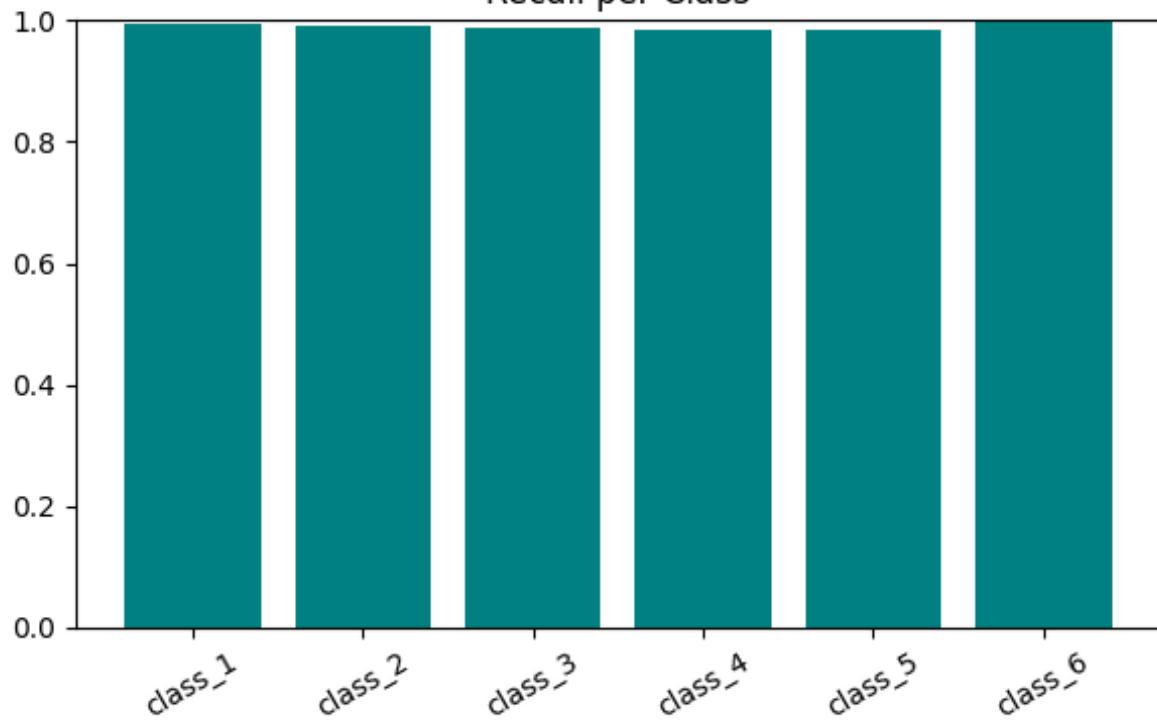
Confusion Matrix:



Precision per Class



Recall per Class





## Detailed Classification Report

class_1	Prec: 0.999   Rec: 0.993   F1: 0.996   Support: 1942
class_2	Prec: 0.999   Rec: 0.991   F1: 0.995   Support: 1506
class_3	Prec: 0.995   Rec: 0.988   F1: 0.992   Support: 1965
class_4	Prec: 0.999   Rec: 0.983   F1: 0.991   Support: 1625
class_5	Prec: 0.997   Rec: 0.986   F1: 0.991   Support: 1474
class_6	Prec: 0.950   Rec: 0.999   F1: 0.974   Support: 1501
accuracy	Prec: 0.990   Rec: 0.990   F1: 0.990   Support: 0
macro avg	Prec: 0.990   Rec: 0.990   F1: 0.990   Support: 10013
weighted avg	Prec: 0.990   Rec: 0.990   F1: 0.990   Support: 10013