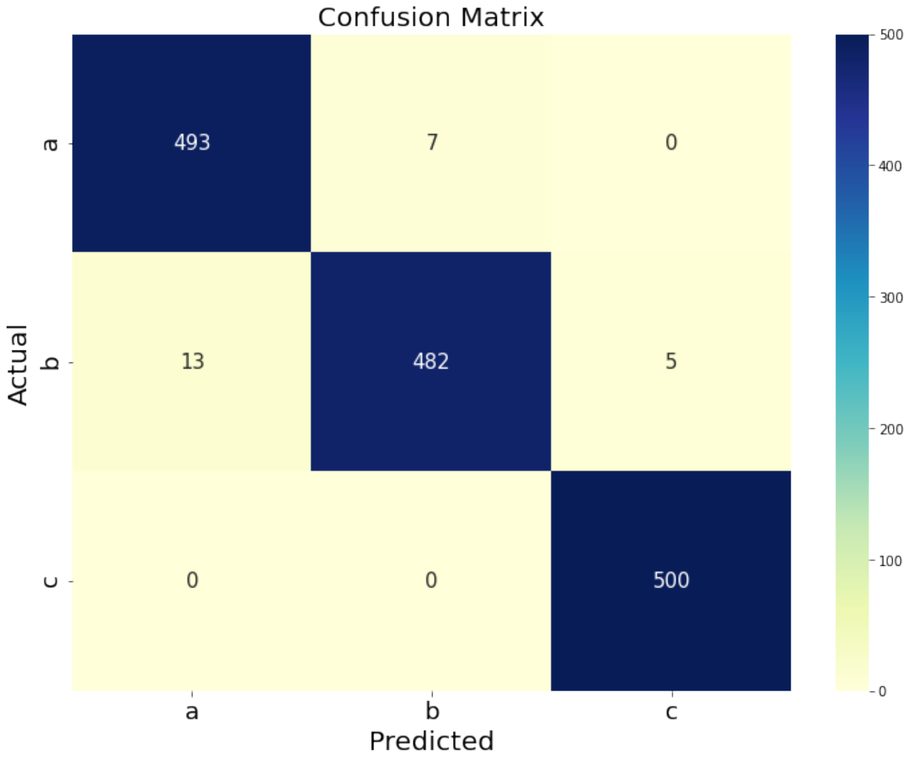
Data Samples

a

b

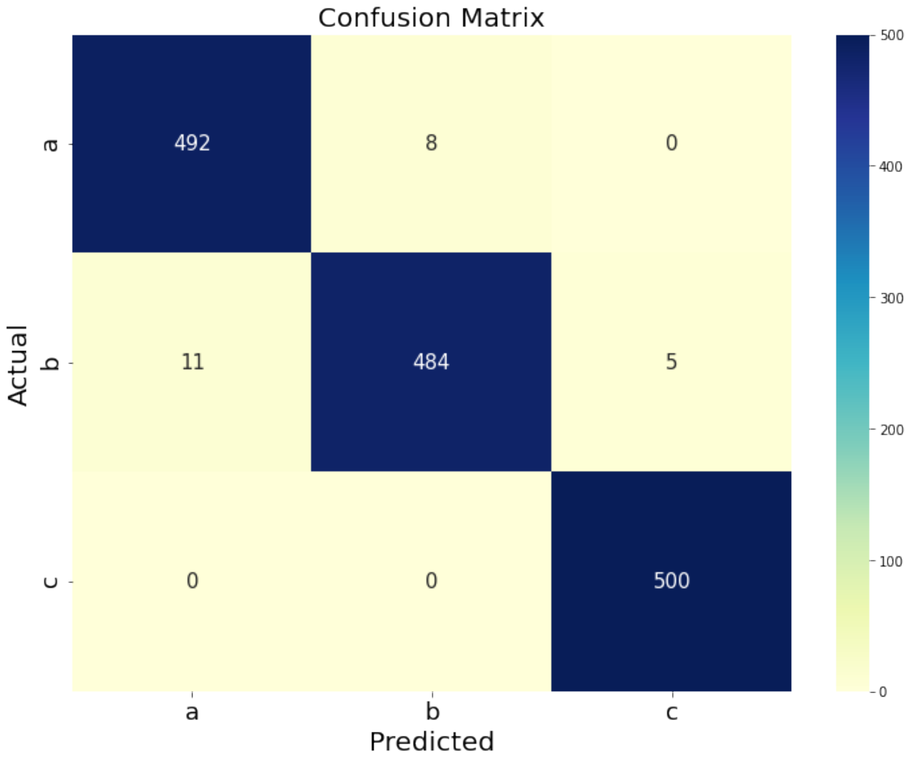
c

Results - ResNet18



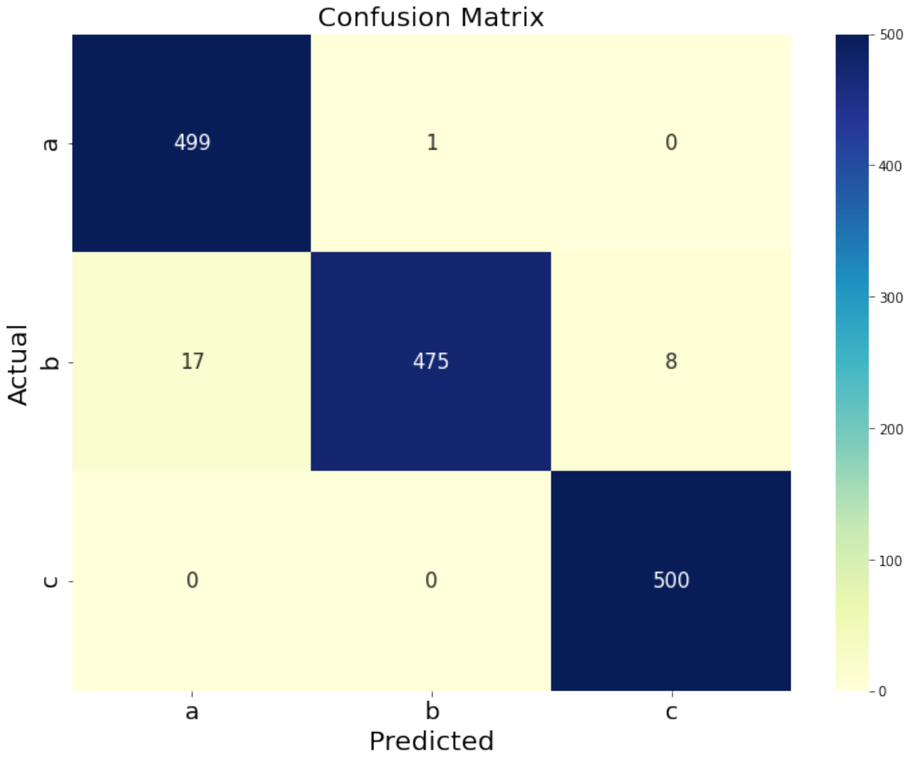
	precision	recall	f1-score	support
a	0.9743	0.9860	0.9801	500
b	0.9857	0.9640	0.9747	500
c	0.9901	1.0000	0.9950	500
accuracy			0.9833	1500
macro avg	0.9834	0.9833	0.9833	1500
weighted avg	0.9834	0.9833	0.9833	1500

Results - ResNet34



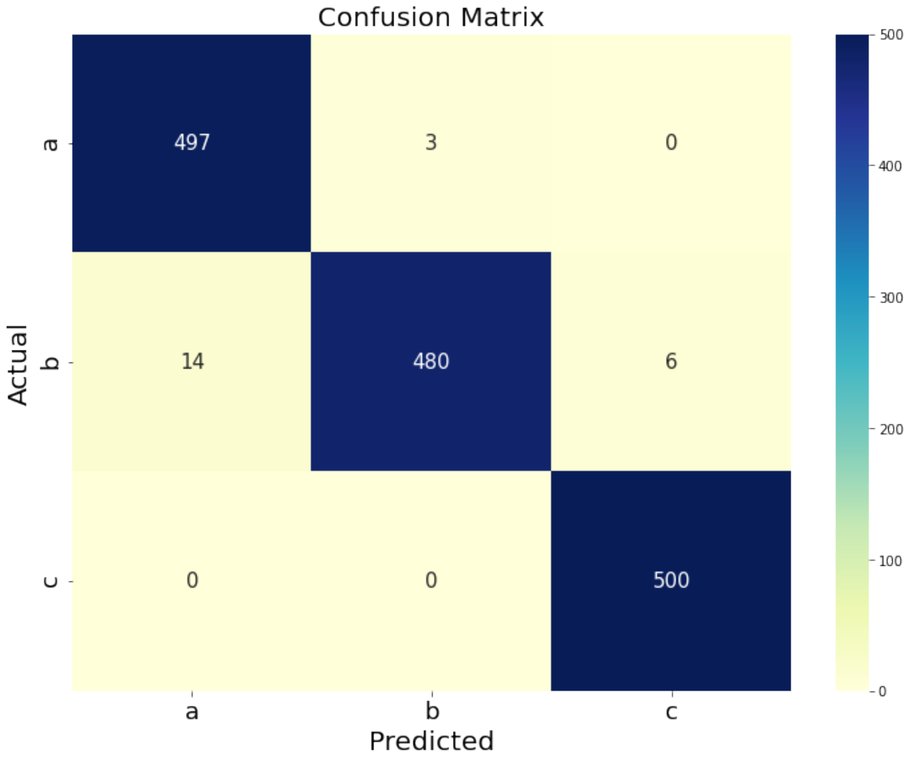
	precision	recall	f1-score	support
a	0.9781	0.9840	0.9811	500
b	0.9837	0.9680	0.9758	500
c	0.9901	1.0000	0.9950	500
accuracy			0.9840	1500
macro avg	0.9840	0.9840	0.9840	1500
weighted avg	0.9840	0.9840	0.9840	1500

Results - ResNet50



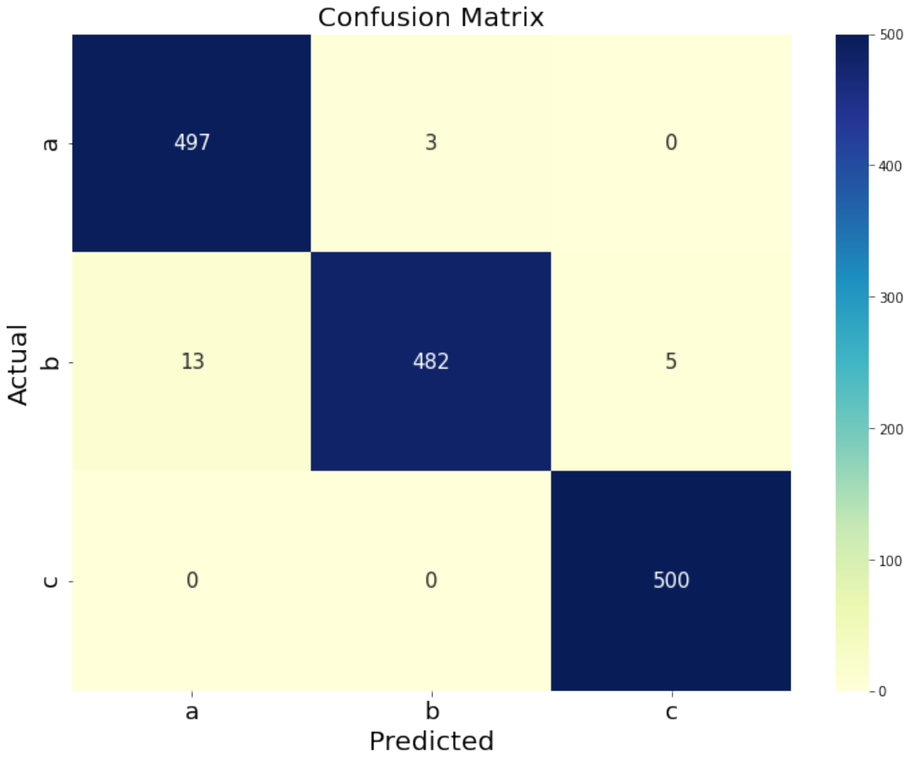
	precision	recall	f1-score	support
a	0.9671	0.9980	0.9823	500
b	0.9979	0.9500	0.9734	500
c	0.9843	1.0000	0.9921	500
accuracy			0.9827	1500
macro avg	0.9831	0.9827	0.9826	1500
weighted avg	0.9831	0.9827	0.9826	1500

Results - VGG16



	precision	recall	f1-score	support
a	0.9726	0.9940	0.9832	500
b	0.9938	0.9600	0.9766	500
c	0.9881	1.0000	0.9940	500
accuracy			0.9847	1500
macro avg	0.9848	0.9847	0.9846	1500
weighted avg	0.9848	0.9847	0.9846	1500

Results - VGG19



	precision	recall	f1-score	support
a	0.9745	0.9940	0.9842	500
b	0.9938	0.9640	0.9787	500
c	0.9901	1.0000	0.9950	500
accuracy			0.9860	1500
macro avg	0.9861	0.9860	0.9860	1500
weighted avg	0.9861	0.9860	0.9860	1500

Results

	ResNet18	ResNet34	ResNet50	VGG16	VGG19
a_precision	0.9743	0.9781	0.9671	0.9726	0.9745
b_precision	0.9857	0.9837	0.9979	0.9938	0.9938
c_precision	0.9901	0.9901	0.9843	0.9881	0.9901
avg_precision	0.9834	0.9840	0.9831	0.9848	0.9861
a_recall	0.9860	0.9840	0.9980	0.9940	0.9940
b_recall	0.9640	0.9680	0.9500	0.9600	0.9640
c_recall	1	1	1	1	1
avg_recall	0.9833	0.9840	0.9827	0.9847	0.986
a_f1-score	0.9801	0.9811	0.9823	0.9832	0.9842
b_f1-score	0.9747	0.9758	0.9734	0.9766	0.9787
c_f1-score	0.9950	0.995	0.9921	0.9940	0.9905
avg_f1-score	0.9833	0.984	0.9827	0.9847	0.986
accuracy	0.983	0.984	0.983	0.985	0.986