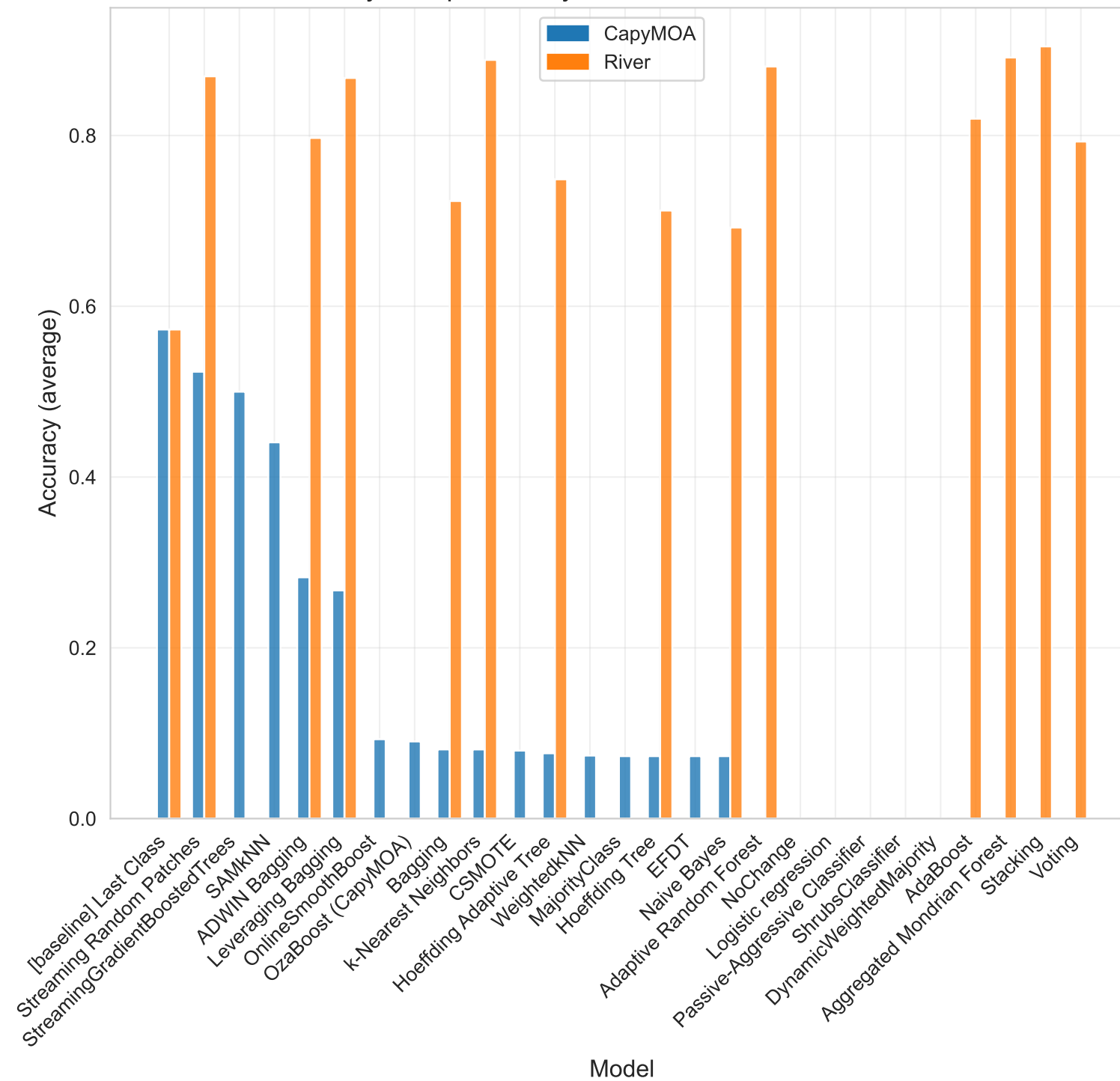
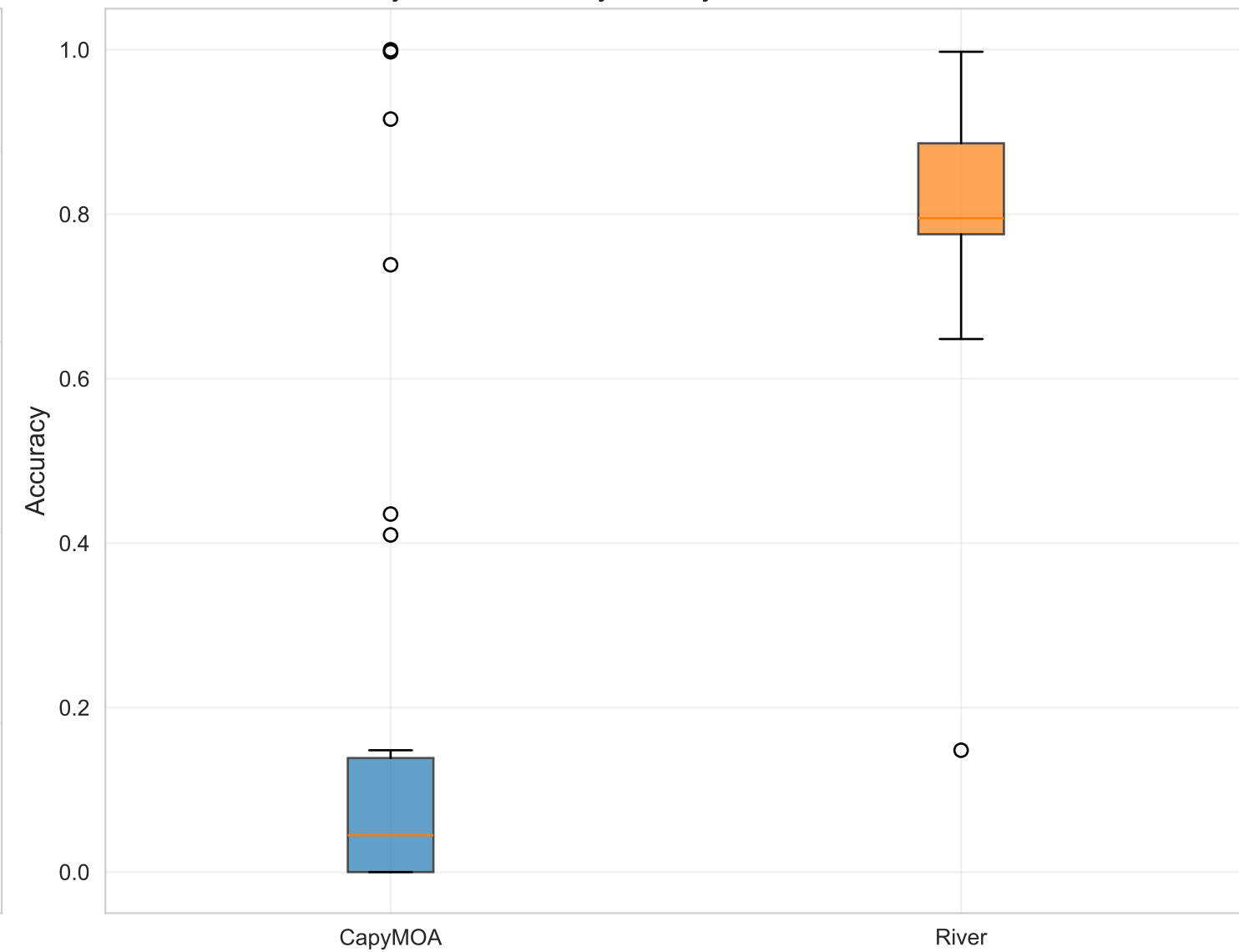


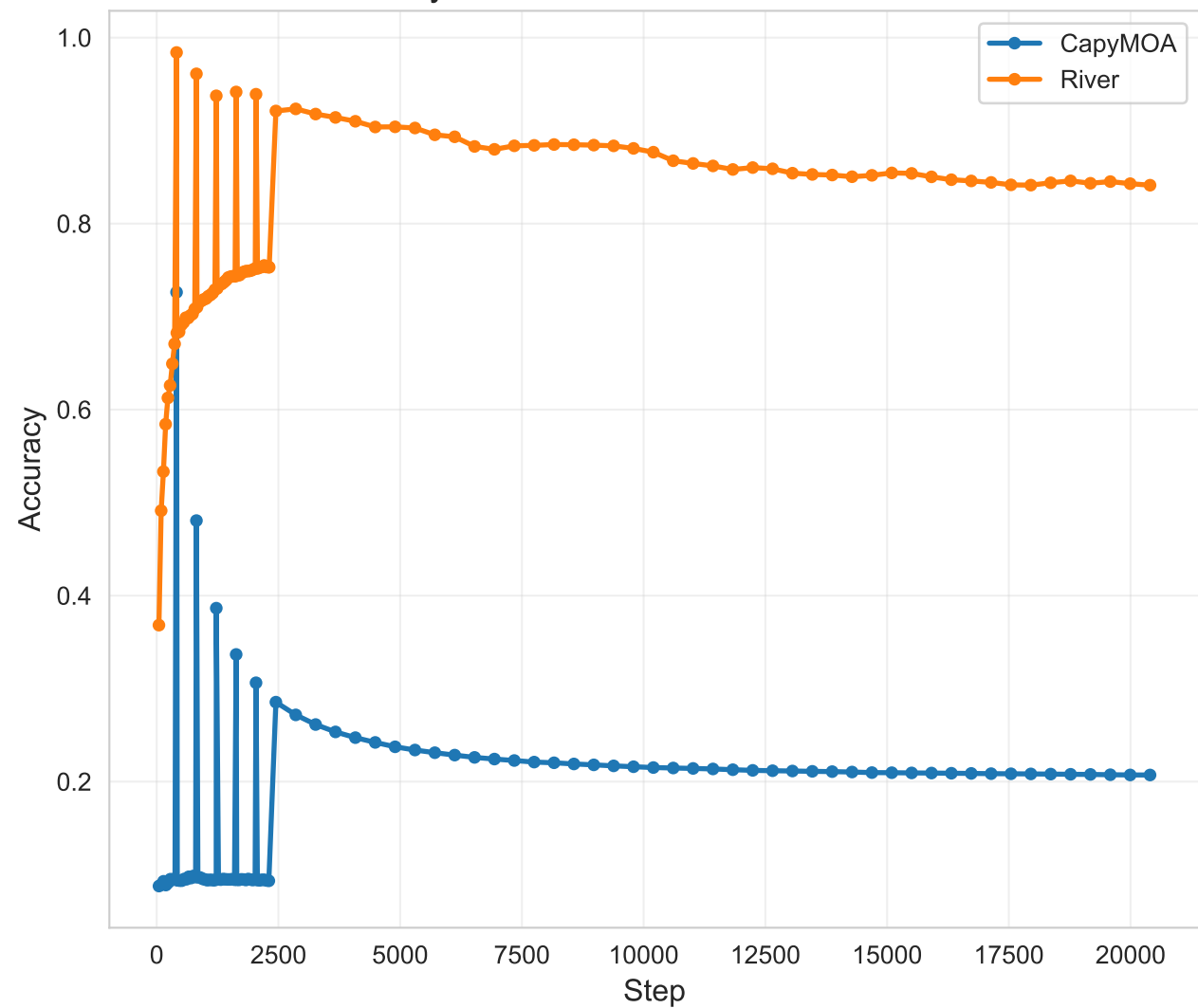
Accuracy Comparison by Model - Multiclass Classification



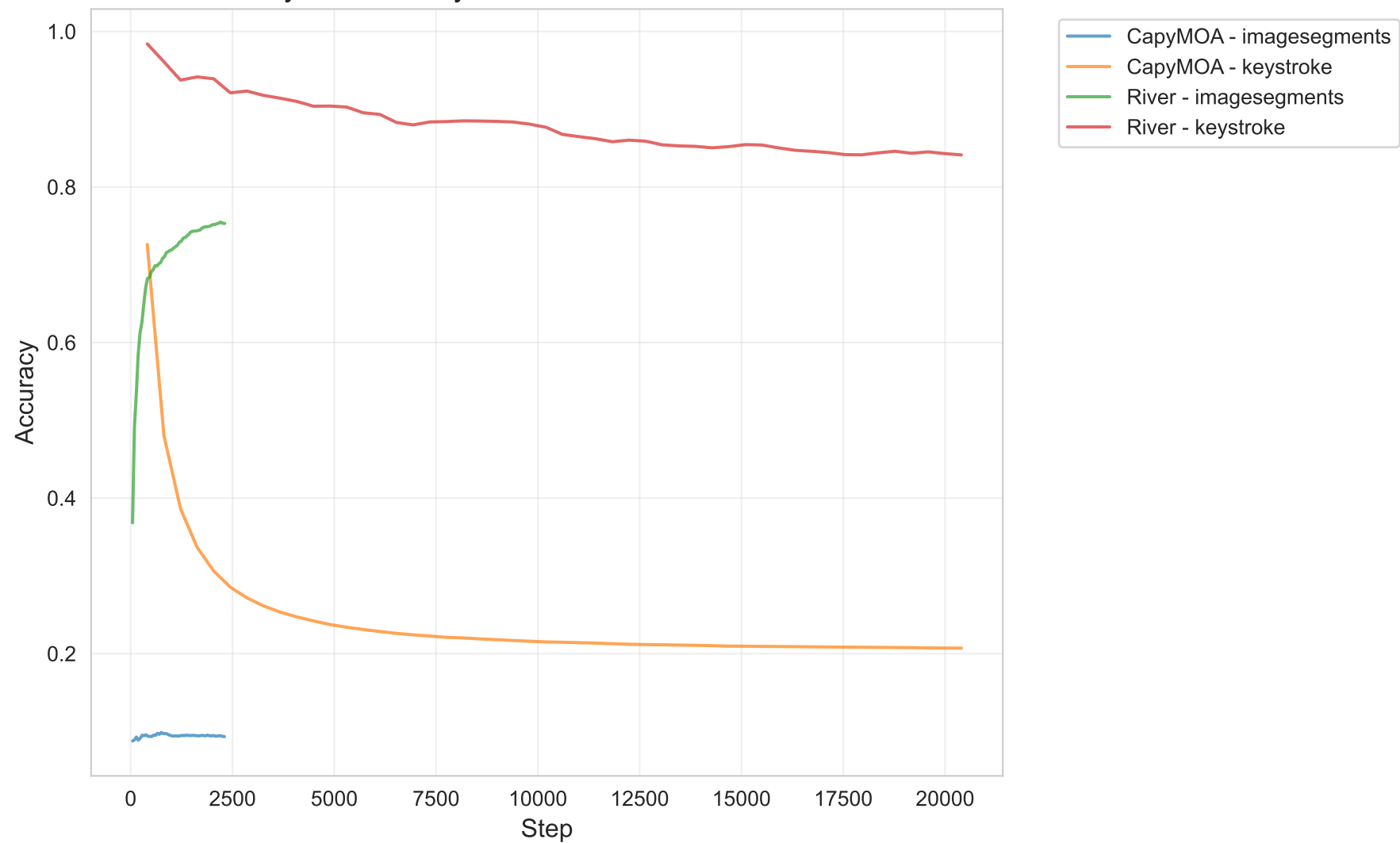
Accuracy Distribution by Library - Multiclass Classification



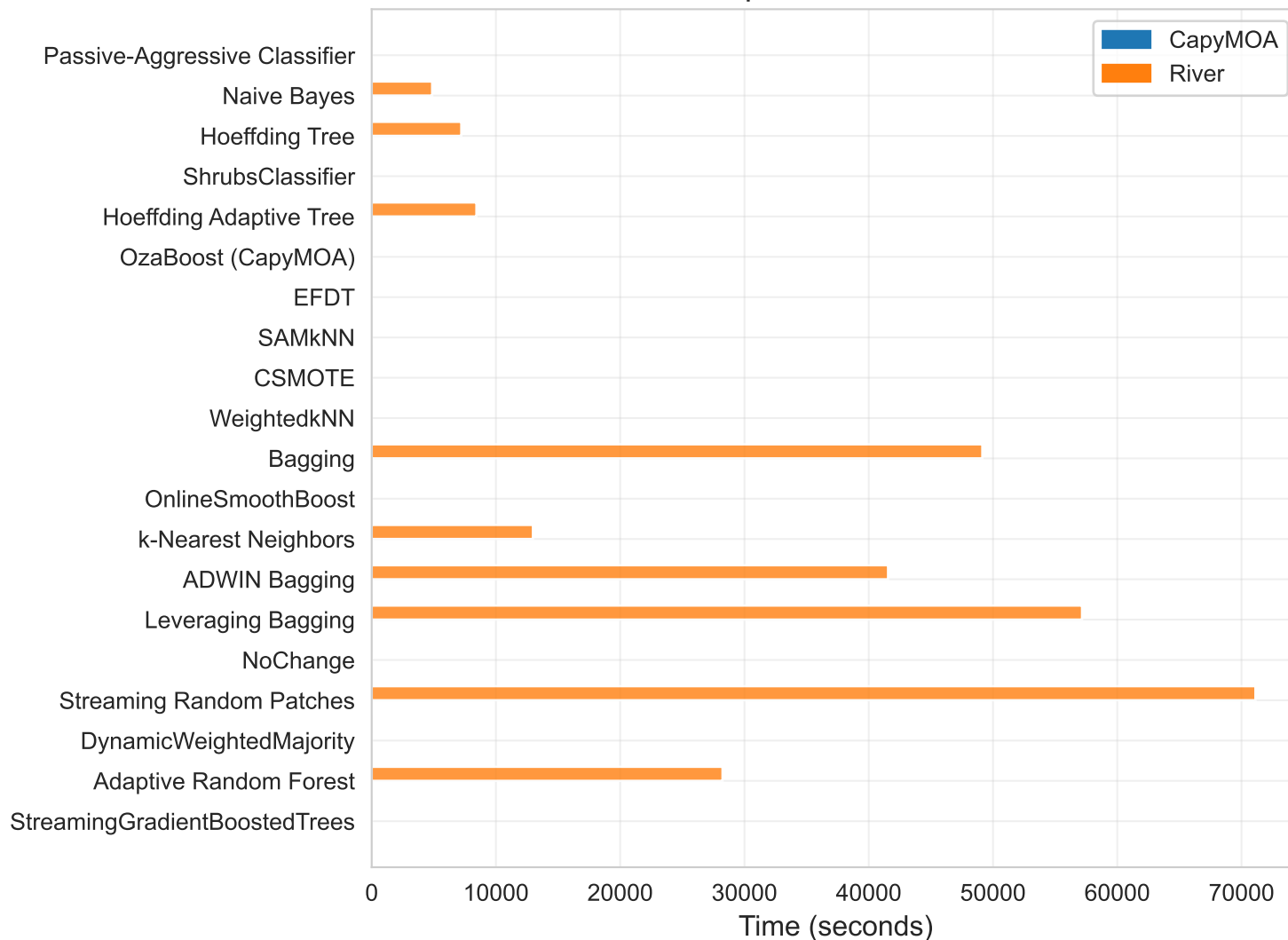
Accuracy Evolution - Multiclass Classification



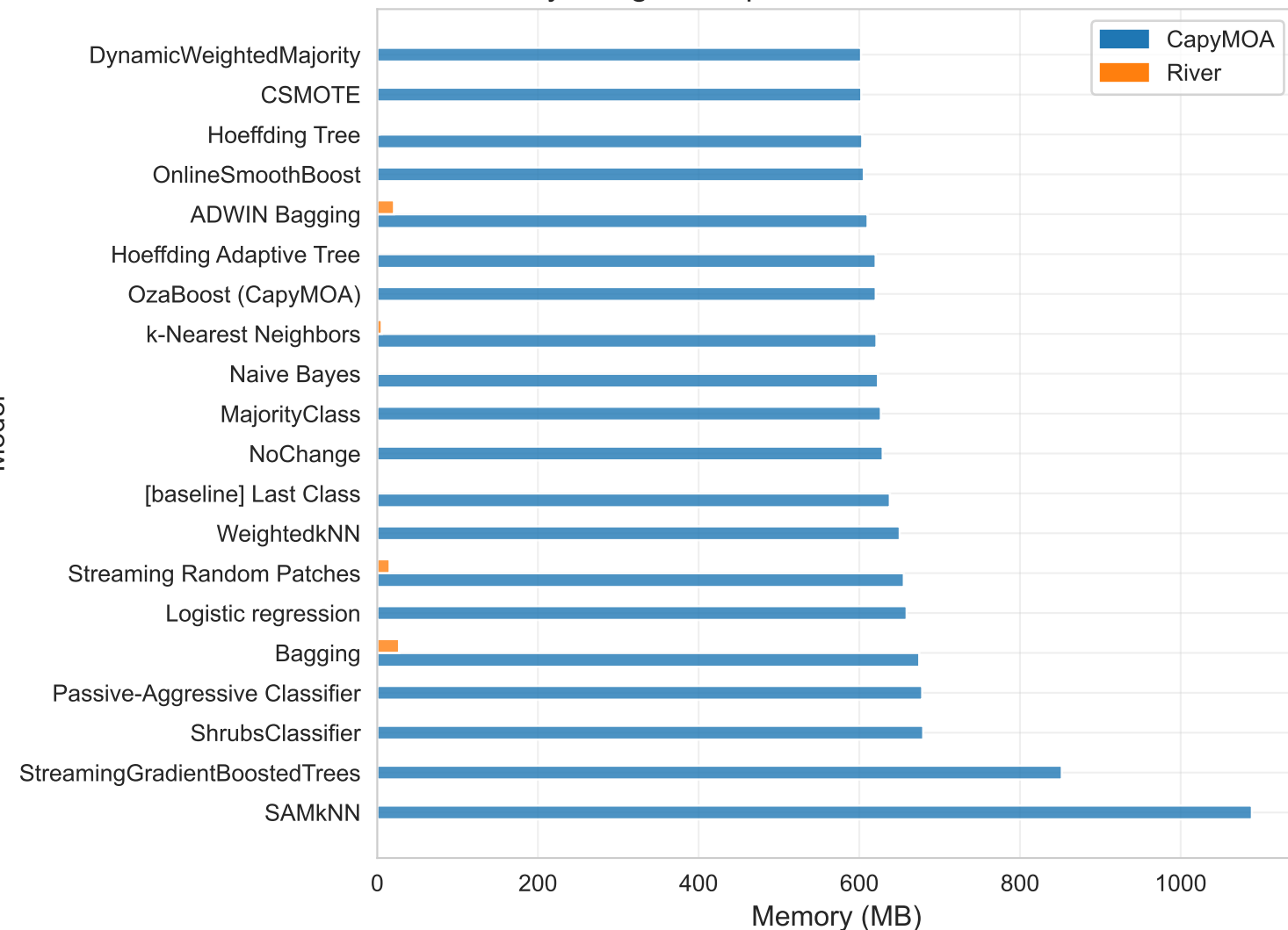
Accuracy Evolution by Dataset - Multiclass Classification



Execution Time Comparison - Multiclass Classification



Memory Usage Comparison - Multiclass Classification



Summary Table - Multiclass Classification

Library	Model	Dataset	Accuracy	Time (s)	Memory (MB)
CapyMOA	AdaptiveRandomForestClassifier	imagesegments	0.0000	2.37	549.53
CapyMOA	AdaptiveRandomForestClassifier	keystroke	0.0000	19.86	644.61
CapyMOA	CSMOTE	imagesegments	0.1398	0.43	601.55
CapyMOA	CSMOTE	keystroke	0.0196	1.86	603.66
CapyMOA	DynamicWeightedMajority	imagesegments	0.0000	2.24	609.14
CapyMOA	DynamicWeightedMajority	keystroke	0.0000	19.05	595.42
CapyMOA	EFDT	imagesegments	0.1268	0.18	594.08
CapyMOA	EFDT	keystroke	0.0196	1.84	606.22
CapyMOA	HoeffdingAdaptiveTree	imagesegments	0.1324	0.19	613.70
CapyMOA	HoeffdingAdaptiveTree	keystroke	0.0206	1.76	627.25
CapyMOA	HoeffdingTree	imagesegments	0.1268	0.18	595.27
CapyMOA	HoeffdingTree	keystroke	0.0196	1.65	612.30
CapyMOA	KNN	imagesegments	0.1424	0.55	621.06
CapyMOA	KNN	keystroke	0.0196	5.12	621.89
CapyMOA	LeveragingBagging	imagesegments	0.1246	0.51	603.08
CapyMOA	LeveragingBagging	keystroke	0.4100	6.14	600.64
CapyMOA	MajorityClass	imagesegments	0.1268	0.21	617.92
CapyMOA	MajorityClass	keystroke	0.0196	1.56	635.98
CapyMOA	NaiveBayes	imagesegments	0.1268	0.18	626.02
CapyMOA	NaiveBayes	keystroke	0.0196	1.66	620.67
CapyMOA	NoChange	imagesegments	0.0000	1.21	620.03
CapyMOA	NoChange	keystroke	0.0000	10.98	638.44
CapyMOA	OnlineAdwinBagging	imagesegments	0.1298	0.55	606.83
CapyMOA	OnlineAdwinBagging	keystroke	0.4354	5.82	614.03
CapyMOA	OnlineBagging	imagesegments	0.1427	0.31	665.31
CapyMOA	OnlineBagging	keystroke	0.0194	3.46	684.19
CapyMOA	OnlineSmoothBoost	imagesegments	0.1350	0.39	596.41
CapyMOA	OnlineSmoothBoost	keystroke	0.0510	4.58	615.06
CapyMOA	OzaBoost	imagesegments	0.1424	0.19	610.56
CapyMOA	OzaBoost	keystroke	0.0384	1.83	630.62
CapyMOA	PassiveAggressiveClassifier	imagesegments	0.0000	0.17	671.19
CapyMOA	PassiveAggressiveClassifier	keystroke	0.0000	1.61	685.61
CapyMOA	SAMKNN	imagesegments	0.1429	0.23	955.27
CapyMOA	SAMKNN	keystroke	0.7385	1.99	1222.28
CapyMOA	SGDClassifier	imagesegments	0.0000	0.17	675.61
CapyMOA	SGDClassifier	keystroke	0.0000	1.53	642.44
CapyMOA	ShrubsClassifier	imagesegments	0.0000	0.18	671.62
CapyMOA	ShrubsClassifier	keystroke	0.0000	1.71	687.70
CapyMOA	StreamingGradientBoostedTrees	imagesegments	0.0000	2.76	649.06
CapyMOA	StreamingGradientBoostedTrees	keystroke	1.0000	25.36	1055.28
CapyMOA	StreamingRandomPatches	imagesegments	0.1311	0.95	628.02
CapyMOA	StreamingRandomPatches	keystroke	0.9157	16.02	683.09
CapyMOA	WeightedkNN	imagesegments	0.1281	0.21	628.39
CapyMOA	WeightedkNN	keystroke	0.0196	2.38	672.44
CapyMOA	[baseline] Last Class	imagesegments	0.1481	0.01	628.59
CapyMOA	[baseline] Last Class	keystroke	0.9975	0.05	647.66
River	ADWIN Bagging	imagesegments	0.7778	11845.93	4.11
River	ADWIN Bagging	keystroke	0.8166	71269.44	37.85
River	AdaBoost	imagesegments	0.8047	9811.52	4.10
River	AdaBoost	keystroke	0.8348	103352.40	194.74
River	Adaptive Random Forest	imagesegments	0.7856	10579.78	2.54
River	Adaptive Random Forest	keystroke	0.9760	45893.04	1.00
River	Aggregated Mondrian Forest	imagesegments	0.9017	3131.18	17.49
River	Aggregated Mondrian Forest	keystroke	0.8811	39410.13	345.94
River	Bagging	imagesegments	0.7770	9803.48	4.15
River	Bagging	keystroke	0.6697	88484.50	50.34
River	Hoeffding Adaptive Tree	imagesegments	0.7744	1350.44	0.42
River	Hoeffding Adaptive Tree	keystroke	0.7231	15511.77	0.72
River	Hoeffding Tree	imagesegments	0.7761	1263.98	0.42
River	Hoeffding Tree	keystroke	0.6482	13166.63	5.09
River	Leveraging Bagging	imagesegments	0.7783	16231.39	4.10
River	Leveraging Bagging	keystroke	0.9566	98103.63	7.41
River	Naive Bayes	imagesegments	0.7319	1056.70	0.39
River	Naive Bayes	keystroke	0.6525	8683.33	4.87
River	Stacking	imagesegments	0.8298	16208.86	8.40
River	Stacking	keystroke	0.9790	77136.08	16.82
River	Streaming Random Patches	imagesegments	0.7848	16888.21	8.01
River	Streaming Random Patches	keystroke	0.9540	125355.85	23.10
River	Voting	imagesegments	0.8073	4268.07	6.04
River	Voting	keystroke	0.7787	36883.05	16.32
River	[baseline] Last Class	imagesegments	0.1481	623.49	0.00
River	[baseline] Last Class	keystroke	0.9975	1342.06	0.00
River	k-Nearest Neighbors	imagesegments	0.8666	2853.96	5.21
River	k-Nearest Neighbors	keystroke	0.9106	23107.96	6.23

# Performance Heatmap - Multiclass Classification

