

Workflow	Rank	HGSC	CCOC	ENOC	LGSC	MUC
All	All	All	All	All	All	All
sequential	1	0.879	0.808	0.712	0.877	0.877
two_step	2	0.879	0.85	0.635	0.718	0.716
up_xgb	3	0.871	0.854	0.666	0.36	0.741
up_rf	4	0.85	0.84	0.63	0.213	0.746
smote_svm	5	0.839	0.8	0.614	0.516	0.741
hybrid_rf	6	0.85	0.818	0.605	0.443	0.728
smote_xgb	7	0.855	0.839	0.609	0.466	0.712
hybrid_svm	8	0.825	0.828	0.609	0.497	0.707
up_svm	9	0.835	0.764	0.579	0.513	0.739
hybrid_xgb	10	0.863	0.812	0.59	0.494	0.715
smote_rf	11	0.853	0.81	0.591	0.299	0.673
smote_mr	12	0.797	0.816	0.588	0.417	0.672
none_svm	13	0.818	0.825	0.583	0	0.706
none_rf	14	0.822	0.84	0.545	0.237	0.711
hybrid_mr	15	0.793	0.81	0.577	0.424	0.658
up_mr	16	0.775	0.795	0.588	0.415	0.652
down_mr	17	0.654	0.805	0.424	0.279	0.618
down_rf	18	0.621	0.785	0.37	0.24	0.568
down_svm	19	0.584	0.764	0.359	0.275	0.697
down_xgb	20	0.578	0.752	0.348	0.204	0.69
none_mr	21	0	0	0	0	0
none_xgb	22	0.016	0	-0.003	0	0