








Workflow 	Rank 	HGSC 	CCOC 	ENOC 	LGSC 	MUC 
<div>All</div>	<div>All</div>	<div>All</div>	<div>All</div>	<div>All</div>	<div>All</div>	<div>All</div>
sequential	1	0.833	0.774	0.819	0.886	0.886
smote_rf	2	0.87	0.827	0.7	0.363	0.832
up_xgb	3	0.871	0.845	0.66	0.399	0.807
none_svm	4	0.862	0.843	0.679	0.342	0.829
two_step	5	0.833	0.796	0.632	0.758	0.818
smote_xgb	6	0.862	0.835	0.646	0.519	0.796
hybrid_rf	7	0.858	0.817	0.682	0.439	0.78
hybrid_xgb	8	0.846	0.817	0.661	0.475	0.793
smote_svm	9	0.862	0.77	0.606	0.56	0.796
up_svm	10	0.859	0.762	0.593	0.533	0.793
hybrid_svm	11	0.831	0.77	0.601	0.56	0.801
up_rf	12	0.819	0.818	0.641	0.269	0.793
none_rf	13	0.811	0.84	0.604	0.154	0.83
hybrid_mr	14	0.745	0.818	0.604	0.349	0.757
smote_mr	15	0.747	0.783	0.608	0.316	0.782
up_mr	16	0.766	0.79	0.562	0.434	0.728
down_rf	17	0.633	0.8	0.517	0.232	0.702
down_mr	18	0.613	0.744	0.439	0.251	0.687
down_svm	19	0.577	0.709	0.452	0.252	0.73
down_xgb	20	0	0	0	0	0
none_mr	21	0	0	0	0	0
none_xgb	22	0.083	0.24	0	0	0