








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	0.919	0.889	0.905	0.955	0.955
hybrid_xgb	2	0.938	0.907	0.853	0.79	0.92
smote_xgb	3	0.944	0.915	0.858	0.792	0.914
hybrid_rf	4	0.937	0.896	0.879	0.731	0.92
smote_rf	5	0.925	0.899	0.872	0.687	0.917
up_xgb	6	0.931	0.9	0.848	0.695	0.921
up_mr	7	0.937	0.888	0.864	0.917	0.906
hybrid_mr	8	0.928	0.901	0.873	0.861	0.911
smote_mr	9	0.927	0.889	0.877	0.827	0.913
two_step	10	0.919	0.893	0.819	0.924	0.908
hybrid_svm	11	0.933	0.885	0.867	0.874	0.89
none_svm	12	0.907	0.898	0.841	0.631	0.902
smote_svm	13	0.915	0.869	0.822	0.764	0.877
down_rf	14	0.899	0.902	0.821	0.887	0.9
down_mr	15	0.892	0.878	0.812	0.893	0.889
down_svm	16	0.882	0.862	0.855	0.936	0.882
up_rf	17	0.892	0.898	0.812	0.636	0.881
up_svm	18	0.911	0.869	0.801	0.761	0.87
none_rf	19	0.876	0.896	0.786	0.566	0.908
down_xgb	20	0.5	0.5	0.5	0.5	0.5
none_mr	21	0.5	0.5	0.5	0.5	0.5
none_xgb	22	0.528	0.601	0.5	0.5	0.5