hidden_layer_sizes	activation	solver	accuracy_mean	accuracy_std	roc_auc_mean	roc_auc_std	gmean_mean	gmean_std
4	identity	lbfgs	0.801	0.057	0.863	0.084	0.795	0.06
4	identity	sgd	0.789	0.043	0.851	0.078	0.775	0.047
4	identity	adam	0.81	0.033	0.901	0.036	0.805	0.037
(4, 2)	identity	lbfgs	0.806	0.049	0.883	0.05	0.8	0.049
(4, 2)	identity	sgd	0.781	0.046	0.861	0.051	0.775	0.045
(4, 2)	identity	adam	0.814	0.027	0.885	0.031	0.811	0.028
(7, 4)	identity	lbfgs	0.806	0.049	0.882	0.054	0.8	0.049
(7, 4)	identity	sgd	0.806	0.039	0.892	0.046	0.801	0.043
(7, 4)	identity	adam	0.818	0.042	0.895	0.042	0.81	0.048
(13, 6)	identity	lbfgs	0.801	0.057	0.868	0.078	0.795	0.06
(13, 6)	identity	sgd	0.814	0.018	0.892	0.037	0.811	0.019
(13, 6)	identity	adam	0.806	0.051	0.892	0.049	0.803	0.049
(20, 10)	identity	lbfgs	0.801	0.057	0.879	0.058	0.795	0.06
(20, 10)	identity	sgd	0.818	0.068	0.862	0.085	0.812	0.07
(20, 10)	identity	adam	0.805	0.071	0.873	0.083	0.801	0.072
4	logistic	lbfgs	0.793	0.053	0.883	0.053	0.79	0.057
4	logistic	sgd	0.612	0.079	0.712	0.064	0.375	0.313
4	logistic	adam	0.708	0.146	0.887	0.048	0.602	0.313
(4, 2)	logistic	lbfgs	0.835	0.045	0.831	0.052	0.833	0.044
(4, 2)	logistic	sgd	0.45	0.008	0.57	0.157	0.0	0.0
(4, 2)	logistic	adam	0.566	0.04	0.878	0.043	0.096	0.192
(7, 4)	logistic	lbfgs	0.785	0.058	0.76	0.043	0.774	0.061
(7, 4)	logistic	sgd	0.508	0.05	0.413	0.191	0.0	0.0
(7, 4)	logistic	adam	0.76	0.101	0.889	0.053	0.635	0.318
(13, 6)	logistic	lbfgs	0.822	0.028	0.84	0.06	0.822	0.031
(13, 6)	logistic	sgd	0.555	0.105	0.588	0.187	0.26	0.32
(13, 6)	logistic	adam	0.802	0.086	0.89	0.05	0.78	0.102
(20, 10)	logistic	lbfgs	0.777	0.073	0.826	0.108	0.771	0.077
(20, 10)	logistic	sgd	0.554	0.008	0.607	0.06	0.143	0.121
(20, 10)	logistic	adam	0.81	0.061	0.894	0.047	0.802	0.066
4	tanh	lbfgs	0.826	0.043	0.871	0.051	0.827	0.043
4	tanh	sgd	0.731	0.069	0.799	0.083	0.706	0.064
4	tanh	adam	0.793	0.047	0.864	0.028	0.789	0.053
(4, 2)	tanh	lbfgs	0.835	0.03	0.861	0.025	0.834	0.028
(4, 2)	tanh	sgd	0.611	0.071	0.764	0.109	0.456	0.249
(4, 2)	tanh	adam	0.781	0.045	0.838	0.087	0.772	0.05
(7, 4)	tanh	lbfgs	0.806	0.029	0.845	0.031	0.8	0.031
(7, 4)	tanh	sgd	0.748	0.035	0.814	0.06	0.744	0.031
(7, 4)	tanh	adam	0.835	0.047	0.884	0.049	0.832	0.047
(13, 6)	tanh	lbfgs	0.781	0.061	0.84	0.051	0.778	0.062
(13, 6)	tanh	sgd	0.773	0.05	0.866	0.034	0.759	0.053
(13, 6)	tanh	adam	0.806	0.072	0.882	0.057	0.797	0.074
(20, 10)	tanh	lbfgs	0.789	0.076	0.824	0.1	0.786	0.078
(20, 10)	tanh	sgd	0.802	0.054	0.883	0.054	0.795	0.06
(20, 10)	tanh	adam	0.802	0.065	0.877	0.073	0.795	0.069
4	relu	lbfgs	0.752	0.039	0.807	0.032	0.751	0.038
4	relu	sgd	0.675	0.122	0.828	0.071	0.564	0.301
4	relu	adam	0.789	0.039	0.869	0.028	0.77	0.05
(4, 2)	relu	lbfgs	0.777	0.041	0.817	0.03	0.771	0.044
(4, 2)	relu	sgd	0.608	0.081	0.703	0.084	0.438	0.286
(4, 2)	relu	adam	0.58	0.174	0.8	0.069	0.354	0.365
(7, 4)	relu	lbfgs	0.769	0.077	0.855	0.054	0.766	0.081
(7, 4)	relu	sgd	0.542	0.082	0.625	0.16	0.399	0.155
(7, 4)	relu	adam	0.822	0.066	0.883	0.039	0.821	0.067
(13, 6)	relu	lbfgs	0.768	0.029	0.858	0.031	0.765	0.032
(13, 6)	relu	sgd	0.711	0.074	0.769	0.121	0.65	0.179
(13, 6)	relu	adam	0.818	0.072	0.876	0.07	0.808	0.08
(20, 10)	relu	lbfgs	0.785	0.043	0.849	0.05	0.78	0.048
(20, 10)	relu	sgd	0.769	0.055	0.819	0.061	0.755	0.053
(20, 10)	relu	adam	0.793	0.054	0.869	0.061	0.785	0.06