分析结果

数据分布 (53522)

load scores 分布

of load score
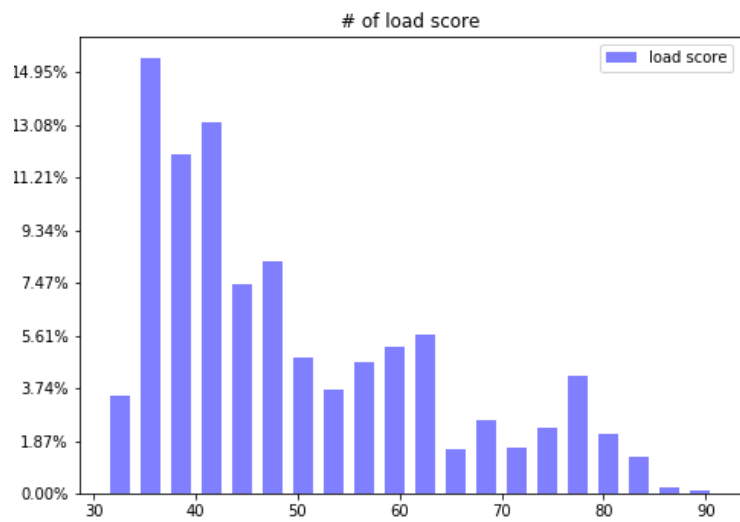
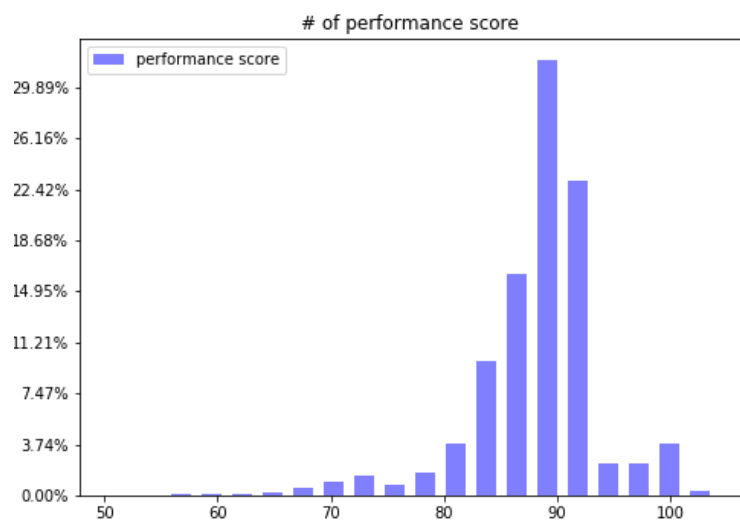### load levels 分布

# of load level
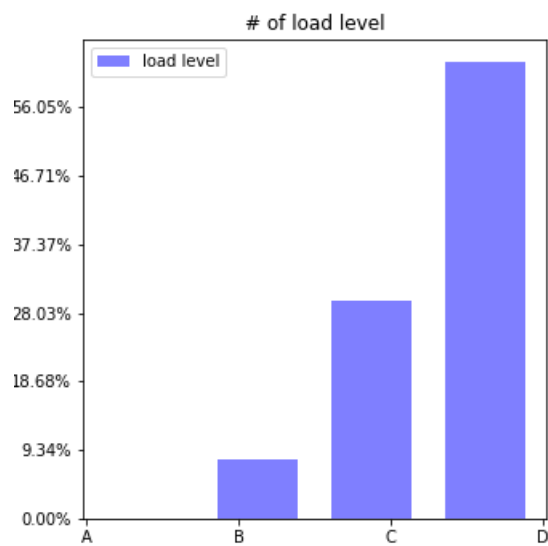
performance scores 分布

performance levels 分布
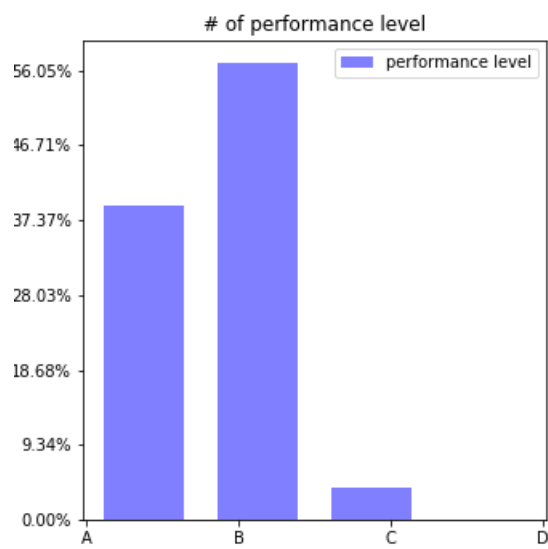
选择的特征

load 选择特征 (lasso/pearson/reliefF)

Feature	2080020	2080021	2080022	2080023	2080024	2080025	2080026	2080027
Selected	1	1	1	1	1	1	1	1
Feature	2080028	2080029	2080030	2080031	2080032	2080033	2080034	**Aggregate(15)**
Selected	1	1	1	1	1	1	1	15/15

performance 选择特征 (lasso/pearson/reliefF)

Feature	2080040	2080041	2080042	2080043	2080044	2080045	2080046	2080047
Selected	1	1	1	1	1	1	1	1
Feature	2080048	2080049	2080050	2080051	2080052	2080053	2080054	2080055
Selected	1	1	1	1	1	1	1	1
Feature	2080056	2080057	2080058	2080059	2080060	2080061	2080062	2080063
Selected	1	1	1	1	1	1	1	1
Feature	2080064	2080065	**Aggregate(26)**					
Selected	1	1	26/26					

回归结果

load 回归

Method	None		lasso		pearson		reliefF	
	MSE	R2 score	MSE	R2 score	MSE	R2 score	MSE	R2 score
linearR	1.2747	0.9442	0.2367	0.9549	1.2094	0.9816	1.2162	0.9750
logisticR	0.9498	0.9799	0.9652	0.9790	0.9995	0.9780	0.9688	0.9785
MLP	2.9818	0.7983	3.1836	0.7389	3.0546	0.7875	2.8714	0.8034

performance 回归

Method	None		lasso		pearson		reliefF	
	MSE	R2 score	MSE	R2 score	MSE	R2 score	MSE	R2 score
linearR	1.2739	0.8762	1.2052	0.9829	1.2936	0.6281	1.2056	0.9758
logisticR	3.1290	0.7582	2.8272	0.8252	3.0170	0.7928	2.8826	0.8097
MLP	3.1290	0.7582	2.8272	0.8252	3.0170	0.7928	2.8826	0.8097

...

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分类结果

load 分类

Method	None			lasso			pearson			reliefF		
	Precision	Recall	F1-Measure	Precision	Recall	F1-Measure	Precision	Recall	F1-Measure	Precision	Recall	F1-Measure
SVM	0.9688	0.9680	0.9684	0.9670	0.9688	0.99679	0.9629	0.9649	0.9639	0.9651	0.9637	0.99644
RF	0.9801	0.9773	0.9790	0.9762	0.9770	0.9766	0.9750	0.9730	0.9740	0.9821	0.9773	0.9797
MLPC	0.9547	0.9548	0.9547	0.9600	0.9606	0.9603	0.9579	0.9547	0.9563	0.9580	0.9598	0.9589

performance 分类

Method	None			lasso			pearson			reliefF		
	Precision	Recall	F1-Measure	Precision	Recall	F1-Measure	Precision	Recall	F1-Measure	Precision	Recall	F1-Measure
SVM	0.9208	0.9283	0.9245	0.9184	0.9223	0.9203	0.6822	0.6919	0.6869	0.9206	0.9293	0.9249
RF	0.9333	0.9443	0.9385	0.99313	0.9464	0.9386	0.9248	0.9422	0.93318	0.9356	0.9455	0.9404
MLPC	0.9132	0.9249	0.9189	0.9113	0.9138	0.9125	0.9109	0.9265	0.9184	0.9150	0.9366	0.9253