

Scoring <small>name</small>	Function	Comment
<b>Classification</b>		
精(准)度 'accuracy'	<code>metrics.accuracy_score</code>	分类正确的样本占比
'balanced_accuracy'	<code>metrics.balanced_accuracy_score</code>	
'top_k_accuracy'	<code>metrics.top_k_accuracy_score</code>	
'average_precision'	<code>metrics.average_precision_score</code>	
'neg_brier_score'	<code>metrics.brier_score_loss</code>	
F1 值 'f1'	<code>metrics.f1_score</code>	for binary targets 'recall'与'precision'的调和平均, 二者等价情况下的度量
'f1_micro'	<code>metrics.f1_score</code>	micro-averaged
'f1_macro'	<code>metrics.f1_score</code>	macro-averaged
'f1_weighted'	<code>metrics.f1_score</code>	weighted average
'f1_samples'	<code>metrics.f1_score</code>	by multilabel sample
'neg_log_loss'	<code>metrics.log_loss</code>	requires <code>predict_proba</code> support
查准率 'precision' etc. 反之为第二类错误,与 'recall' 矛盾	<code>metrics.precision_score</code>	suffixes apply as with 'f1' 预测为 1 样本中确为 1 的比例
召回率(查全率) 'recall' etc. 反之为第一类错误,与 'precision' 矛盾 同查准率联合的坐标并称 P-R 曲线	<code>metrics.recall_score</code>	suffixes apply as with 'f1' 确为 1 的样本中预测为 1 的比例
'jaccard' etc.	<code>metrics.jaccard_score</code>	suffixes apply as with 'f1'
ROC-AUC 'roc_auc'	<code>metrics.roc_auc_score</code>	ROC 曲线横轴为假阳性率 FPR, 纵轴为真阳性率 TPR; 曲线面积为 AUC
'roc_auc_ovr'	<code>metrics.roc_auc_score</code>	
'roc_auc_ovo'	<code>metrics.roc_auc_score</code>	
'roc_auc_ovr_weighted'	<code>metrics.roc_auc_score</code>	
'roc_auc_ovo_weighted'	<code>metrics.roc_auc_score</code>	
<b>Clustering</b>		

Scoring name	Function	Comment
'adjusted_mutual_info_score'	<a href="#">metrics.adjusted_mutual_info_score</a>	
'adjusted_rand_score'	<a href="#">metrics.adjusted_rand_score</a>	
'completeness_score'	<a href="#">metrics.completeness_score</a>	
'fowlkes_mallows_score'	<a href="#">metrics.fowlkes_mallows_score</a>	
'homogeneity_score'	<a href="#">metrics.homogeneity_score</a>	
'mutual_info_score'	<a href="#">metrics.mutual_info_score</a>	
'normalized_mutual_info_score'	<a href="#">metrics.normalized_mutual_info_score</a>	
'rand_score'	<a href="#">metrics.rand_score</a>	
'v_measure_score'	<a href="#">metrics.v_measure_score</a>	
<b>Regression</b>		
'explained_variance'	<a href="#">metrics.explained_variance_score</a>	
'max_error'	<a href="#">metrics.max_error</a>	
'neg_mean_absolute_error'	<a href="#">metrics.mean_absolute_error</a>	
<b>MSE</b> 'neg_mean_squared_error'	<a href="#">metrics.mean_squared_error</a>	均方误差
'neg_root_mean_squared_error'	<a href="#">metrics.mean_squared_error</a>	
'neg_mean_squared_log_error'	<a href="#">metrics.mean_squared_log_error</a>	
'neg_median_absolute_error'	<a href="#">metrics.median_absolute_error</a>	
<b>拟合优度</b> 'r2'	<a href="#">metrics.r2_score</a>	
'neg_mean_poisson_deviance'	<a href="#">metrics.mean_poisson_deviance</a>	
'neg_mean_gamma_deviance'	<a href="#">metrics.mean_gamma_deviance</a>	
'neg_mean_absolute_percentage_error'	<a href="#">metrics.mean_absolute_percentage_error</a>	
'd2_absolute_error_score'	<a href="#">metrics.d2_absolute_error_score</a>	
'd2_pinball_score'	<a href="#">metrics.d2_pinball_score</a>	
'd2_tweedie_score'	<a href="#">metrics.d2_tweedie_score</a>	