TRIPOD Checklist: Prediction Model Development and Validation.

Section/Topic			Checklist Item	Page
Title and abstract				
Title	1	D;V	Identify the study as developing and/or validating a multivariable prediction model, the target population, and the outcome to be predicted.	1
Abstract	2	D;V	Provide a summary of objectives, study design, setting, participants, sample size, predictors, outcome, statistical analysis, results, and conclusions.	1
Introduction				
Background and objectives	3a	D;V	Explain the medical context (including whether diagnostic or prognostic) and rationale for developing or validating the multivariable prediction model, including references to existing models.	2-4
	3b	D;V	Specify the objectives, including whether the study describes the development or validation of the model or both.	4
Methods				
Source of data	4a	D;V	Describe the study design or source of data (e.g., randomized trial, cohort, or registry data), separately for the development and validation data sets, if applicable.	5
	4b	D;V	Specify the key study dates, including start of accrual; end of accrual; and, if applicable, end of follow-up.	6
Participants	5a	D;V	Specify key elements of the study setting (e.g., primary care, secondary care, general population) including number and location of centres.	6
	5b	D;V	Describe eligibility criteria for participants.	5
	5c	D;V	Give details of treatments received, if relevant.	6
Outcome	6a	D;V	Clearly define the outcome that is predicted by the prediction model, including how and when assessed.	6
	6b	D;V	Report any actions to blind assessment of the outcome to be predicted.	8-10
Predictors	7a	D;V	Clearly define all predictors used in developing or validating the multivariable prediction model, including how and when they were measured.	7
	7b	D;V	Report any actions to blind assessment of predictors for the outcome and other predictors.	8-10
Sample size	8	D;V	Explain how the study size was arrived at.	5-6
Missing data	9	D;V	Describe how missing data were handled (e.g., complete-case analysis, single imputation, multiple imputation) with details of any imputation method.	NA
Statistical analysis methods	10a	D	Describe how predictors were handled in the analyses.	7
	10b	D	Specify type of model, all model-building procedures (including any predictor selection), and method for internal validation.	8-10
	10c	V	For validation, describe how the predictions were calculated.	8-10
	10d	D;V	Specify all measures used to assess model performance and, if relevant, to compare multiple models.	8-10
	10e	V	Describe any model updating (e.g., recalibration) arising from the validation, if done.	8-9
Risk groups	11	D;V	Provide details on how risk groups were created, if done.	6-7
Development vs. validation	12	V	For validation, identify any differences from the development data in setting, eligibility criteria, outcome, and predictors.	8-9 Fig. 3
Results				
Participants	13a	D;V	Describe the flow of participants through the study, including the number of participants with and without the outcome and, if applicable, a summary of the follow-up time. A diagram may be helpful.	5-6 Fig. 2
	13b	D;V	Describe the characteristics of the participants (basic demographics, clinical features, available predictors), including the number of participants with missing data for predictors and outcome. Not mentioned in result	5-6 Table 1
	13c	V	For validation, show a comparison with the development data of the distribution of important variables (demographics, predictors and outcome).	10-12
Model development	14a	D	Specify the number of participants and outcome events in each analysis.	5-6 Fig. 2
	14b	D	If done, report the unadjusted association between each candidate predictor and outcome.	10
Model specification	15a	D	Present the full prediction model to allow predictions for individuals (i.e., all regression coefficients, and model intercept or baseline survival at a given time point).	NA
	15b	D	Explain how to the use the prediction model.	10-12
Model performance	16	D;V	Report performance measures (with CIs) for the prediction model.	10-12
Model-updating	17	V	If done, report the results from any model updating (i.e., model specification, model performance).	10-11
Discussion				
Limitations	18	D;V	Discuss any limitations of the study (such as nonrepresentative sample, few events per predictor, missing data).	15
Interpretation	19a	V	For validation, discuss the results with reference to performance in the development data, and any other validation data.	12-14
	19b	D;V	Give an overall interpretation of the results, considering objectives, limitations, results from similar studies, and other relevant evidence.	14-15
Implications	20	D;V	Discuss the potential clinical use of the model and implications for future research.	15-16
Other information				
Supplementary information	21	D;V	Provide information about the availability of supplementary resources, such as study protocol, Web calculator, and data sets.	16
Funding	22	D;V	Give the source of funding and the role of the funders for the present study.	16

*Items relevant only to the development of a prediction model are denoted by D, items relating solely to a validation of a prediction model are denoted by V, and items relating to both are denoted D;V. We recommend using the TRIPOD Checklist in conjunction with the TRIPOD Explanation and Elaboration document.

Radiomics Quality Score - RQS

Image protocol quality - well-documented image protocols (for example, contrast, slice thickness, energy, etc.) and/or usage of public image protocols allow reproducibility/replicability

- [x] protocols well documented
- [x] public protocol used
- [ ] none

Multiple segmentations - possible actions are: segmentation by different physicians/algorithms/software, perturbing segmentations by (random) noise, segmentation at different breathing cycles. Analyse feature robustness to segmentation variabilities

- ○ yes
- ◉ no

Phantom study on all scanners - detect inter-scanner differences and vendor-dependent features. Analyse feature robustness to these sources of variability

- ○ yes
- ◉ no

Imaging at multiple time points - collect images of individuals at additional time points. Analyse feature robustness to temporal variabilities (for example, organ movement, organ expansion/shrinkage)

- ○ yes
- ◉ no

Feature reduction or adjustment for multiple testing - decreases the risk of overfitting. Overfitting is inevitable if the number of features exceeds the number of samples. Consider feature robustness when selecting features

- ◉ Either measure is implemented
- ○ Neither measure is implemented

Multivariable analysis with non radiomics features (for example, EGFR mutation) - is expected to provide a more holistic model. Permits correlating/inferencing between radiomics and non radiomics features

- ◉ yes
- ○ no

Detect and discuss biological correlates - demonstration of phenotypic differences (possibly associated with underlying gene–protein expression patterns) deepens understanding of radiomics and biology

- ◉ yes
- ○ no

Cut-off analyses - determine risk groups by either the median, a previously published cut-off or report a continuous risk variable. Reduces the risk of reporting overly optimistic results

- ○ yes
- ◉ no

Discrimination statistics - report discrimination statistics (for example, C-statistic, ROC curve, AUC) and their statistical significance (for example, p-values, confidence intervals). One can also apply resampling method (for example, bootstrapping, cross-validation)

- [x] a discrimination statistic and its statistical significance are reported
- [x] a resampling method technique is also applied
- [ ] none

Calibration statistics - report calibration statistics (for example, Calibration-in-the-large/slope, calibration plots) and their statistical significance (for example, P-values, confidence intervals). One can also apply resampling method (for example, bootstrapping, cross-validation)

- [x] a calibration statistic and its statistical significance are reported
- [x] a resampling method technique is applied
- [ ] none

Prospective study registered in a trial database - provides the highest level of evidence supporting the clinical validity and usefulness of the radiomics biomarker

- (●) yes
- ( ) no

Validation - the validation is performed without retraining and without adaptation of the cut-off value, provides crucial information with regard to credible clinical performance

- [ ] No validation
- [ ] validation is based on a dataset from the same institute
- [ ] validation is based on a dataset from another institute
- [ ] validation is based on two datasets from two distinct institutes
- [ ] the study validates a previously published signature
- [x] validation is based on three or more datasets from distinct institutes

Comparison to 'gold standard' - assess the extent to which the model agrees with/is superior to the current 'gold standard' method (for example, TNM-staging for survival prediction). This comparison shows the added value of radiomics

- (●) yes
- ( ) no

Potential clinical utility - report on the current and potential application of the model in a clinical setting (for example, decision curve analysis).

- (●) yes
- ( ) no

Cost-effectiveness analysis - report on the cost-effectiveness of the clinical application (for example, QALYs generated)

- (●) yes
- ( ) no

Open science and data - make code and data publicly available. Open science facilitates knowledge transfer and reproducibility of the study

- [ ] scans are open source
- [ ] region of interest segmentations are open source
- [x] the code is open sourced
- [x] radiomics features are calculated on a set of representative ROIs and the calculated features and representative ROIs are open source

Total score

30
(83.33%)

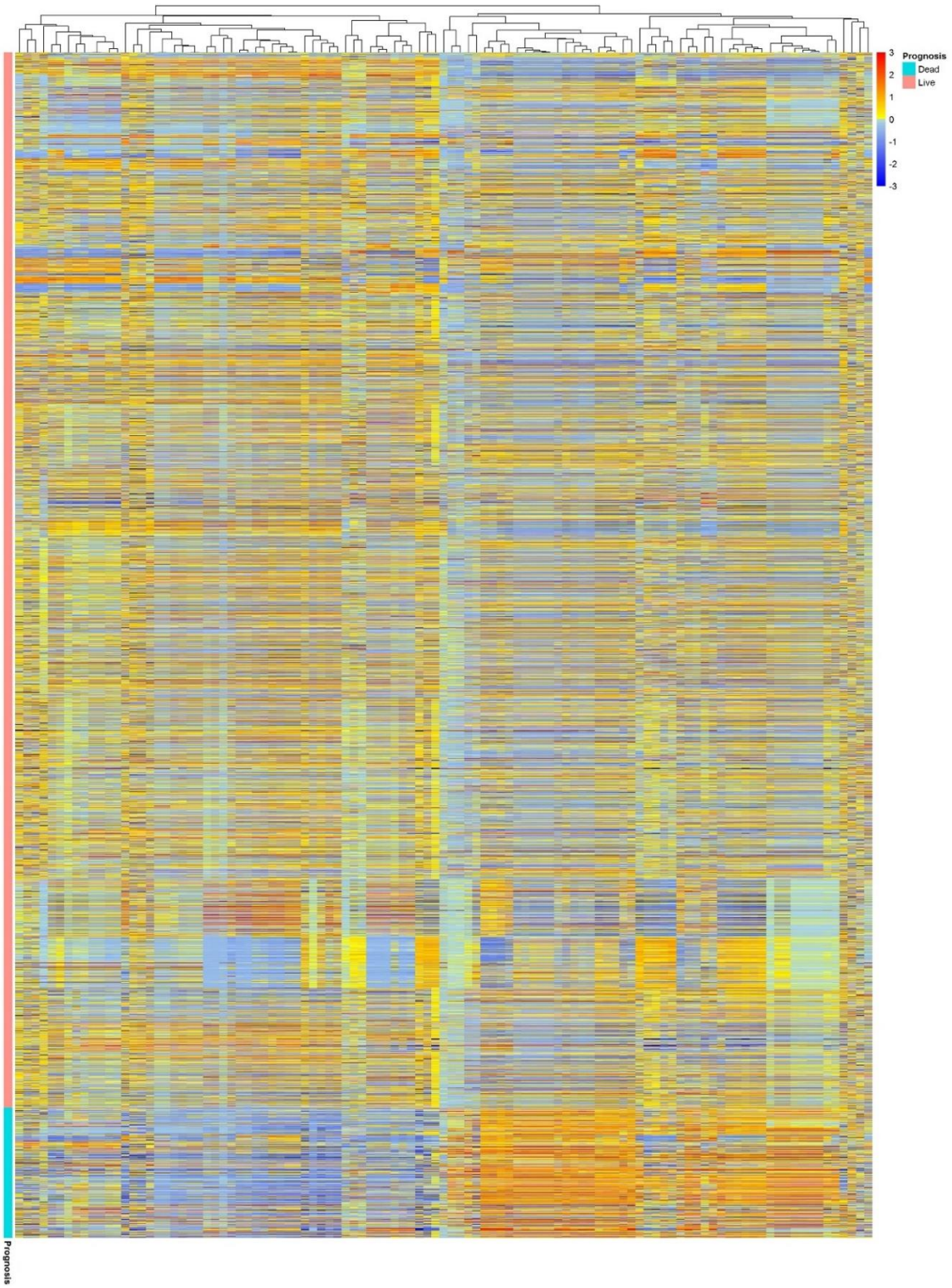
CLAIM: Checklist for Artificial Intelligence in Medical Imaging

Section / Topic	No.	Item	
TITLE / ABSTRACT			
	1	Identification as a study of AI methodology, specifying the category of technology used (e.g., deep learning)	✓
	2	Structured summary of study design, methods, results, and conclusions	✓
INTRODUCTION			
	3	Scientific and clinical background, including the intended use and clinical role of the AI approach	✓
	4	Study objectives and hypotheses	✓
METHODS			
Study Design	**5**	Prospective or retrospective study	✓
	6	Study goal, such as model creation, exploratory study, feasibility study, non-inferiority trial	✓
Data	**7**	Data sources	✓
	8	Eligibility criteria: how, where, and when potentially eligible participants or studies were identified (e.g., symptoms, results from previous tests, inclusion in registry, patient-care setting, location, dates)	✓
	9	Data pre-processing steps	✓
	10	Selection of data subsets, if applicable	✓
	11	Definitions of data elements, with references to Common Data Elements	✓
	12	De-identification methods	✓
	13	How missing data were handled	✓
Ground Truth	**14**	Definition of ground truth reference standard, in sufficient detail to allow replication	✓
	15	Rationale for choosing the reference standard (if alternatives exist)	✓
	16	Source of ground-truth annotations; qualifications and preparation of annotators	✓
	17	Annotation tools	✓
	18	Measurement of inter- and intrarater variability; methods to mitigate variability and/or resolve discrepancies	**NA**
Data Partitions	**19**	Intended sample size and how it was determined	✓
	20	How data were assigned to partitions; specify proportions	✓
	21	Level at which partitions are disjoint (e.g., image, study, patient, institution)	✓
Model	**22**	Detailed description of model, including inputs, outputs, all intermediate layers and connections	✓
	23	Software libraries, frameworks, and packages	✓
	24	Initialization of model parameters (e.g., randomization, transfer learning)	✓
Training	**25**	Details of training approach, including data augmentation, hyperparameters, number of models trained	✓
	26	Method of selecting the final model	✓
	27	Ensembling techniques, if applicable	✓
Evaluation	**28**	Metrics of model performance	✓
	29	Statistical measures of significance and uncertainty (e.g., confidence intervals)	✓
	30	Robustness or sensitivity analysis	✓
	31	Methods for explainability or interpretability (e.g., saliency maps), and how they were validated	**NA**
	32	Validation or testing on external data	✓
RESULTS			
Data	**33**	Flow of participants or cases, using a diagram to indicate inclusion and exclusion	✓
	34	Demographic and clinical characteristics of cases in each partition	✓
Model performance	**35**	Performance metrics for optimal model(s) on all data partitions	✓
	36	Estimates of diagnostic accuracy and their precision (such as 95% confidence intervals)	✓
	37	Failure analysis of incorrectly classified cases	**NA**
DISCUSSION			
	38	Study limitations, including potential bias, statistical uncertainty, and generalizability	✓
	39	Implications for practice, including the intended use and/or clinical role	✓
OTHER INFORMATION			
	40	Registration number and name of registry	✓
	41	Where the full study protocol can be accessed	✓
	42	Sources of funding and other support; role of funders	✓

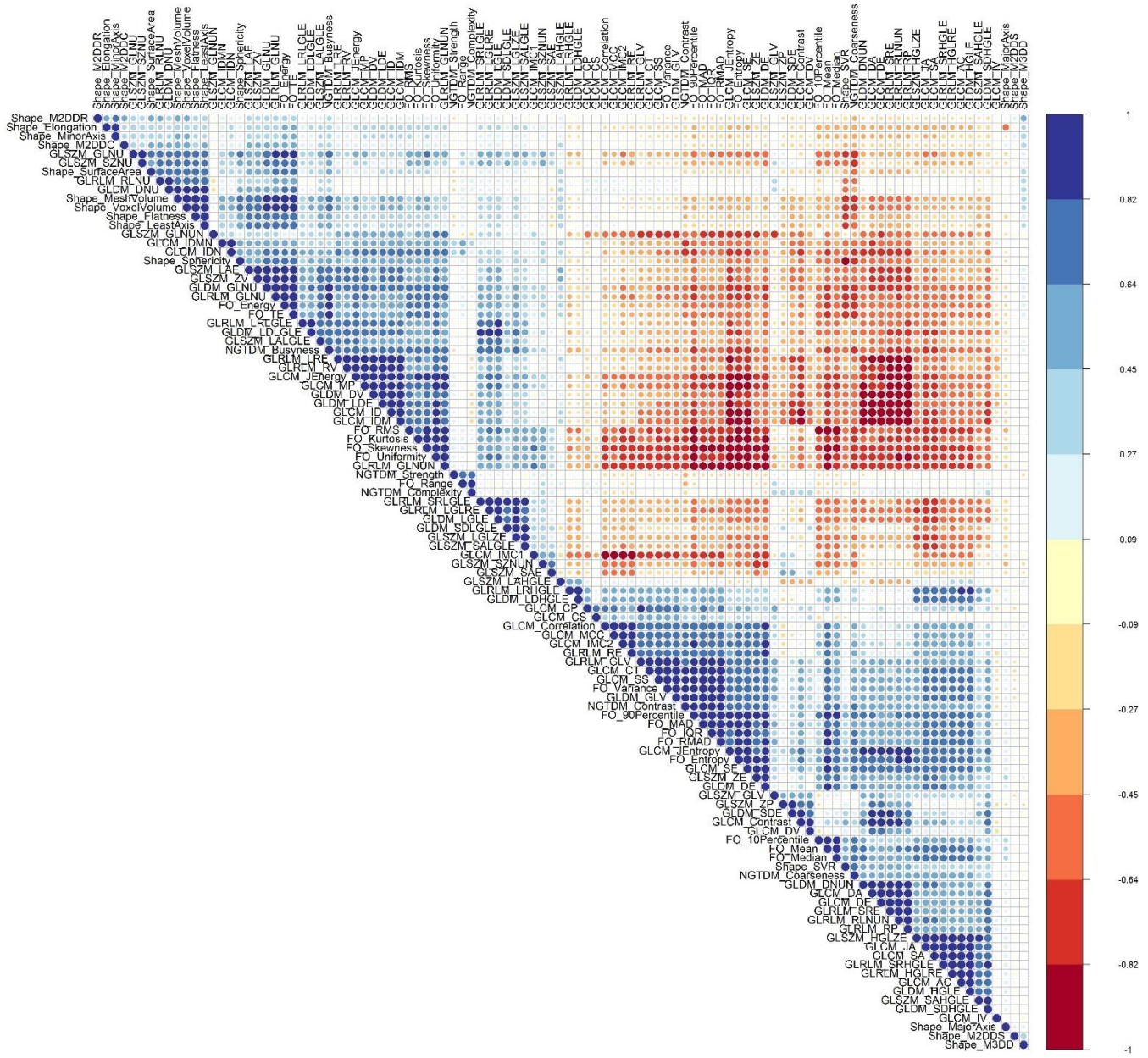
Detailed description of the extracted radiomic features used in this study.

Shape Features	Gray Level Size Zone Matrix (GLSZM)	Gray Level Dependence Matrix (GLDM)
Voxel Volume (VVolume)	Small Area Emphasis (SAE)	Small Dependence Emphasis (SDE)
Mesh Volume (MVolume)	Large Area Emphasis (LAE)	Large Dependence Emphasis (LDE)
Surface Area	Gray Level Non-Uniformity (GLN)	Gray Level Non-Uniformity (GLN)
Surface Area to Volume ratio (SVR)	Gray Level Non-Uniformity Normalized (GLNN)	Dependence Non-Uniformity (DN)
Sphericity	Size-Zone Non-Uniformity (SZN)	Dependence Non-Uniformity Normalized (DNN)
Maximum 3D diameter (M3DD)	Size-Zone Non-Uniformity Normalized (SZNN)	Gray Level Variance (GLV)
Maximum 2D diameter (Slice) (M2DDS)	Zone Percentage (ZP)	Dependence Variance (DV)
Maximum 2D diameter (Column) (M2DDC)	Gray Level Variance (GLV)	Dependence Entropy (DE)
Maximum 2D diameter (Row) (M2DDR)	Zone Variance (ZV)	Low Gray Level Emphasis (LGLE)
Major Axis	Zone Entropy (ZE)	High Gray Level Emphasis (HGLE)
Minor Axis	Low Gray Level Zone Emphasis (LGLZE)	Small Dependence Low Gray Level Emphasis (SDLGLE)
Least Axis	High Gray Level Zone Emphasis (HGLZE)	Small Dependence High Gray Level Emphasis (SDHGLE)
Elongation	Small Area Low Gray Level Emphasis (SALGLE)	Large Dependence Low Gray Level Emphasis (LDLGLE)
Flatness	Small Area High Gray Level Emphasis (SAHGLE)	Large Dependence High Gray Level Emphasis (LDHGLE)
	Large Area Low Gray Level Emphasis (LALGLE)	**Gray Level Run Length Matrix (GLRLM)**
	Large Area High Gray Level Emphasis (LAHGLE)	
First Order Statistics (FO)	**Gray Level Co-occurrence Matrix (GLCM)**	Short Run Emphasis (SRE)
		Long Run Emphasis (LRE)
Energy	Autocorrelation (AC)	Gray Level Non-Uniformity (GLN)
Total Energy (TE)	Joint Average (JA)	Gray Level Non-Uniformity Normalized (GLNN)
Entropy	Cluster Prominence (CP)	Run Length Non-Uniformity (RLN)
Minimum	Cluster Shade (CS)	Run Length Non-Uniformity Normalized (RLNN)
10th percentile	Cluster Tendency (CT)	Run Percentage (RP)
90th percentile	Contrast	Gray Level Variance (GLV)
Maximum	Correlation	Run Variance (RV)
Mean	Difference Average (DA)	Run Entropy (RE)
Median	Difference Entropy (DE)	Low Gray Level Run Emphasis (LGLRE)
Interquartile Range (IQR)	Difference Variance (DV)	High Gray Level Run Emphasis (HGLRE)
Range	Joint Energy (JEnergy)	Short Run Low Gray Level Emphasis (SRLGLE)
Mean Absolute Deviation (MAD)	Joint Entropy (JEntropy)	Short Run High Gray Level Emphasis (SRHGLE)
Robust Mean Absolute Deviation (RMAD)	Informal Measure of Correlation (IMC) 1	Long Run Low Gray Level Emphasis (LRLGLE)
Root Mean Squared (RMS)	Informal Measure of Correlation (IMC) 2	Long Run High Gray Level Emphasis (LRHGLE)
Skewness	Inverse Difference Moment (IDM)	**Neighboring Gray Tone Difference Matrix (NGTDM)**
Kurtosis	Inverse Difference Moment Normalized (IDMN)	
Variance	Inverse Difference (ID)	Coarseness
Uniformity	Inverse Difference Normalized (IDN)	Contrast
	Inverse Variance (IV)	Busyness
	Maximum Probability (MP)	Complexity
	Maximum Correlation Coefficient (MCC)	Strength
	Sum Average (SA)	
	Sum Entropy (SE)	
	Sum of Squares (SS)	

Supplemental Figures and Tables



Supplemental Figure 1. Cluster heat map of radiomics features in the non-harmonized data set. This illustration demonstrates that clustering cannot depict significant correlation or cluster in alive and deceased



Supplemental Figure 2. Pearson correlation of ComBat-harmonized radiomics features. Highly correlated features (both positive and negative) were eliminated from further analysis.

Supplemental Table 1. P-values in Kruskal Wallis analysis of radiomics features before and after ComBat Harmonization.

Shape	**Before**	**After**	**FO**	**Before**	**After**	GLCM	**Before**	**After**	GLRLM	**Before**	**After**	GLSZM	**Before**	**After**	GLDM	**Before**	**After**
Elongation	1E-340	0.01	**10Percentile**	1E-340	0.90	**AC**	1E-340	3.14E-35	**GLNU**	1E-340	0.76	**GLNU**	1E-340	0.533587	**DE**	1E-340	0.38
Flatness	1E-340	2.09E-28	**90Percentile**	1E-340	0.78	**CP**	1E-340	4.16E-62	**GLNUN**	1E-340	0.93	**GLNUN**	1E-340	0.038013	**DNU**	1E-340	2.18E-18
LeastAxis	1E-340	2.13E-34	**Energy**	1E-340	0.96	**CS**	1E-340	4.98E-09	**GLV**	1E-340	0.97	**GLV**	1E-340	6.14E-13	**DNUN**	1E-340	0.99
MajorAxis	1E-340	0.92	**Entropy**	1E-340	0.99	**CT**	1E-340	0.93	**HGLRE**	1E-340	1.04E-21	**HGLZE**	1E-340	5.46E-07	**DV**	1E-340	0.06
M2DDC	1E-340	1.36E-110	**IQR**	1E-340	0.99	**Contrast**	1E-340	0.95	**LRE**	1E-340	0.99	**LAE**	1E-340	1.14E-19	**GLNU**	1E-340	0.01
M2DDR	1E-340	2.74E-93	**Kurtosis**	1E-340	7.95E-13	**Correlation**	1E-340	0.89	**LRHGLE**	1E-340	3.66E-112	**LAHGLE**	1E-340	2.10E-64	**GLV**	1E-340	0.98
M2DDS	1E-340	0.54	**MAD**	1E-340	0.99	**DA**	1E-340	0.99	**LRLGLE**	1E-340	2.84E-42	**LALGLE**	1E-340	1.29E-156	**HGLE**	1E-340	1.07E-29
M3DD	1E-340	1.54E-06	**Mean**	1E-340	0.99	**DE**	1E-340	0.99	**LGLRE**	1E-340	0.39	**LGLZE**	1E-340	0.25	**LDE**	1E-340	0.96
MeshVolume	1E-340	2.22E-05	**Median**	1E-340	0.99	**DV**	1E-340	0.06	**RE**	1E-340	0.90	**SZNU**	1E-340	0.01	**LDHGLE**	1E-340	1.76E-144
MinorAxis	1E-340	8.82E-10	**Range**	1E-340	1.56E-06	**ID**	1E-340	0.99	**RLNU**	1E-340	1.80E-12	**SZNUN**	1E-340	0.63	**LDLGLE**	1E-340	1.68E-05
Sphericity	1E-340	3.92E-07	**RMAD**	1E-340	0.99	**IDM**	1E-340	0.99	**RLNUN**	1E-340	0.99	**SAE**	1E-340	2.56E-18	**LGLE**	1E-340	0.23
SurfaceArea	1E-340	3.02E-22	**RMS**	1E-340	0.99	**IDMN**	1E-340	0.62	**RP**	1E-340	0.97	**SAHGLE**	1E-340	2.00E-48	**SDE**	1E-340	4.03E-15
SVR	1E-340	9.54E-07	**Skewness**	1E-340	0.99	**IDN**	1E-340	0.93	**RV**	1E-340	0.87	**SALGLE**	1E-340	0.01	**SDHGLE**	1E-340	1.73E-13
VoxelVolume	1E-340	2.21E-05	**TE**	1E-340	0.96	**IMC1**	1E-340	0.58	**SRE**	1E-340	0.97	**ZE**	1E-340	0.88	**SDLGLE**	1E-340	0.01
			Uniformity	1E-340	0.99	**IMC2**	1E-340	0.88	**SRHGLE**	1E-340	1.36E-16	**ZP**	1E-340	1.16E-08	**NGTDM_Busyness**	1E-340	0.40
			Variance	1E-340	0.98	**IV**	1E-340	0.20	**SRLGLE**	1E-340	0.17	**ZV**	1E-340	1.13E-19	**NGTDM_Coarseness**	1E-340	0.69
						JA	1E-340	0.13							**NGTDM_Complexity**	1E-340	3.17E-09
						JEnergy	1E-340	1							**NGTDM_Contrast**	1E-340	0.81
						JEntropy	1E-340	0.99							**NGTDM_Strength**	1E-340	4.31E-17
						MCC	1E-340	0.69									
						MP	1E-340	0.99									
						SA	1E-340	0.13									
						SE	1E-340	0.99									
						SS	1E-340	0.95									

Supplemental Table 2. Classification performance indices for different feature selectors (FS) and classifiers in Strategy 1.

FS	Classifier	AUC	95% CIs	Std	Acc	Sen	Spe
ANOVA	RF	0.83	[0.81-0.85]	0.010	0.74	0.79	0.74
	AB	0.81	[0.79-0.83]	0.011	0.73	0.74	0.73
	AE	0.83	[0.81-0.85]	0.010	0.74	0.78	0.74
	LDA	0.82	[0.80-0.84]	0.011	0.73	0.77	0.73
	LR	0.82	[0.80-0.84]	0.010	0.75	0.77	0.75
	LASSO	0.82	[0.80-0.84]	0.010	0.76	0.76	0.76
	NB	0.80	[0.78-0.82]	0.011	0.73	0.75	0.73
KW	RF	0.83	[0.81-0.85]	0.010	0.74	0.79	0.74
	AB	0.80	[0.78-0.82]	0.011	0.75	0.75	0.75
	AE	0.83	[0.81-0.85]	0.010	0.76	0.76	0.76
	LDA	0.82	[0.80-0.84]	0.011	0.74	0.77	0.74
	LR	0.82	[0.80-0.84]	0.010	0.75	0.77	0.74
	LASSO	0.83	[0.81-0.84]	0.010	0.75	0.77	0.75
	NB	0.80	[0.78-0.82]	0.011	0.73	0.74	0.73
Relief	RF	0.84	[0.82-0.85]	0.010	0.76	0.77	0.76
	AB	0.81	[0.79-0.83]	0.010	0.73	0.75	0.73
	AE	0.83	[0.81-0.84]	0.010	0.76	0.76	0.76
	LDA	0.82	[0.79-0.84]	0.011	0.75	0.76	0.75
	LR	0.82	[0.80-0.84]	0.010	0.73	0.77	0.73
	LASSO	0.83	[0.81-0.85]	0.010	0.76	0.76	0.76
	NB	0.79	[0.77-0.82]	0.011	0.76	0.70	0.77
RFE	RF	0.84	[0.82-0.85]	0.010	0.76	0.78	0.76
	AB	0.81	[0.79-0.83]	0.010	0.73	0.75	0.73
	AE	0.83	[0.81-0.85]	0.010	0.74	0.78	0.74
	LDA	0.82	[0.79-0.84]	0.011	0.74	0.77	0.74
	LR	0.82	[0.80-0.84]	0.010	0.74	0.76	0.74
	LASSO	0.83	[0.81-0.85]	0.010	0.75	0.77	0.75
	NB	0.79	[0.77-0.81]	0.011	0.71	0.74	0.71

Supplemental Table 3. Classification performance indices for different feature selectors (FS) and classifiers in Strategy 2.

FS	Classifier	AUC	95% CIs	Std	Acc	Sen	Spe
ANOVA	RF	0.84	[0.82-0.86]	0.011	0.76	0.78	0.76
	AB	0.83	[0.80-0.85]	0.010	0.76	0.76	0.76
	AE	0.84	[0.82-0.86]	0.010	0.75	0.79	0.75
	LDA	0.81	[0.79-0.84]	0.011	0.74	0.76	0.74
	LR	0.82	[0.80-0.84]	0.010	0.75	0.76	0.75
	LASSO	0.83	[0.81-0.85]	0.010	0.75	0.77	0.75
	NB	0.81	[0.78-0.83]	0.011	0.73	0.77	0.73
KW	RF	0.84	[0.82-0.86]	0.010	0.76	0.81	0.76
	AB	0.81	[0.79-0.83]	0.011	0.73	0.76	0.73
	AE	0.82	[0.80-0.84]	0.010	0.74	0.77	0.74
	LDA	0.82	[0.80-0.84]	0.011	0.75	0.77	0.75
	LR	0.83	[0.80-0.85]	0.010	0.76	0.76	0.76
	LASSO	0.83	[0.80-0.85]	0.011	0.76	0.76	0.76
	NB	0.81	[0.78-0.83]	0.011	0.74	0.77	0.73
Relief	RF	0.84	[0.82-0.86]	0.011	0.77	0.79	0.76
	AB	0.83	[0.81-0.85]	0.010	0.75	0.78	0.74
	AE	0.84	[0.82-0.86]	0.010	0.75	0.78	0.75
	LDA	0.82	[0.80-0.84]	0.011	0.75	0.78	0.74
	LR	0.82	[0.79-0.84]	0.011	0.74	0.76	0.74
	LASSO	0.83	[0.81-0.85]	0.010	0.76	0.79	0.75
	NB	0.80	[0.78-0.82]	0.012	0.75	0.73	0.75
RFE	RF	0.84	[0.82-0.86]	0.011	0.75	0.79	0.75
	AB	0.83	[0.81-0.85]	0.010	0.74	0.79	0.74
	AE	0.83	[0.81-0.85]	0.010	0.76	0.77	0.76
	LDA	0.82	[0.80-0.84]	0.011	0.74	0.77	0.74
	LR	0.83	[0.81-0.85]	0.010	0.75	0.77	0.75
	LASSO	0.83	[0.81-0.85]	0.010	0.75	0.76	0.75
	NB	0.80	[0.78-0.83]	0.012	0.75	0.75	0.74

Supplemental Table 4. Classification performance indices for different feature selectors (FS) and classifiers in Strategy 3.

FS	Classifie	AUC	95% CIs	Std	Acc	Sen	Spe
ANOVA	RF	0.83	[0.81-0.85]	0.010	0.73	0.81	0.72
	AB	0.81	[0.79-0.83]	0.010	0.69	0.81	0.68
	AE	0.83	[0.81-0.85]	0.010	0.73	0.80	0.72
	LDA	0.81	[0.79-0.83]	0.012	0.75	0.75	0.75
	LR	0.82	[0.8-0.84]	0.010	0.71	0.81	0.70
	LASSO	0.83	[0.81-0.85]	0.010	0.73	0.80	0.72
	NB	0.80	[0.77-0.82]	0.011	0.77	0.71	0.78
KW	RF	0.81	[0.79-0.83]	0.011	0.73	0.75	0.72
	AB	0.80	[0.77-0.82]	0.011	0.73	0.75	0.72
	AE	0.80	[0.78-0.82]	0.011	0.71	0.77	0.70
	LDA	0.82	[0.80-0.84]	0.010	0.73	0.80	0.72
	LR	0.81	[0.79-0.83]	0.011	0.75	0.76	0.74
	LASSO	0.83	[0.81-0.85]	0.010	0.74	0.76	0.74
	NB	0.79	[0.77-0.81]	0.011	0.76	0.71	0.77
Relief	RF	0.83	[0.81-0.85]	0.010	0.76	0.77	0.76
	AB	0.81	[0.79-0.83]	0.010	0.75	0.73	0.75
	AE	0.83	[0.82-0.85]	0.009	0.78	0.74	0.79
	LDA	0.81	[0.79-0.83]	0.011	0.77	0.75	0.77
	LR	0.81	[0.79-0.83]	0.011	0.73	0.76	0.73
	LASSO	0.82	[0.80-0.84]	0.011	0.76	0.76	0.75
	NB	0.79	[0.76-0.81]	0.012	0.74	0.72	0.74
RFE	RF	0.83	[0.82-0.85]	0.010	0.75	0.77	0.74
	AB	0.81	[0.79-0.83]	0.011	0.75	0.74	0.75
	AE	0.83	[0.81-0.85]	0.010	0.76	0.77	0.76
	LDA	0.81	[0.79-0.83]	0.011	0.75	0.75	0.75
	LR	0.82	[0.79-0.84]	0.011	0.74	0.76	0.74
	LASSO	0.82	[0.80-0.84]	0.010	0.76	0.75	0.77
	NB	0.79	[0.77-0.81]	0.011	0.72	0.73	0.72

Supplemental Table 5. Classification performance indices for different feature selectors (FS) and classifiers in Strategy 4.

FS	Classifier	AUC	95% CIs	Std	Acc	Sen	Spe
ANOVA	RF	0.84	[0.82-0.85]	0.010	0.7477	0.79	0.74
	AB	0.82	[0.80-0.84]	0.010	0.7483	0.75	0.75
	AE	0.84	[0.82-0.86]	0.009	0.7354	0.81	0.72
	LDA	0.82	[0.80-0.84]	0.011	0.7458	0.78	0.74
	LR	0.83	[0.81-0.85]	0.010	0.7285	0.80	0.72
	LASSO	0.83	[0.81-0.85]	0.010	0.751	0.79	0.75
	NB	0.80	[0.78-0.82]	0.011	0.7389	0.75	0.74
KW	RF	0.84	[0.82-0.85]	0.010	0.7491	0.79	0.74
	AB	0.82	[0.80-0.84]	0.010	0.7497	0.77	0.75
	AE	0.84	[0.82-0.86]	0.009	0.7684	0.77	0.77
	LDA	0.82	[0.80-0.84]	0.011	0.7461	0.78	0.74
	LR	0.82	[0.80-0.84]	0.010	0.7461	0.77	0.74
	LASSO	0.83	[0.81-0.85]	0.010	0.7574	0.78	0.75
	NB	0.80	[0.78-0.82]	0.011	0.734	0.75	0.73
Relief	RF	0.83	[0.81-0.85]	0.010	0.7475	0.79	0.74
	AB	0.81	[0.79-0.83]	0.010	0.7494	0.75	0.75
	AE	0.83	[0.81-0.85]	0.010	0.7494	0.80	0.74
	LDA	0.82	[0.80-0.84]	0.011	0.7428	0.79	0.74
	LR	0.82	[0.80-0.84]	0.010	0.7409	0.78	0.73
	LASSO	0.83	[0.81-0.85]	0.010	0.7466	0.81	0.74
	NB	0.79	[0.76-0.81]	0.011	0.7494	0.71	0.76
RFE	RF	0.84	[0.82-0.85]	0.010	0.7384	0.80	0.73
	AB	0.83	[0.81-0.84]	0.010	0.7422	0.78	0.74
	AE	0.83	[0.81-0.85]	0.010	0.7618	0.79	0.76
	LDA	0.82	[0.80-0.84]	0.011	0.7409	0.78	0.74
	LR	0.82	[0.80-0.84]	0.010	0.7329	0.79	0.72
	LASSO	0.83	[0.81-0.85]	0.010	0.7483	0.78	0.74
	NB	0.79	[0.77-0.81]	0.011	0.7359	0.74	0.73

Supplemental Table 6. Classification performance indices for different feature selectors (FS) and classifiers in Strategy 5.

FS	Classifier	AUC	95% CIs	Std	Acc	Sen	Spe
ANOVA	RF	0.83	[0.81-0.85]	0.010	0.73	0.77	0.73
	AB	0.79	[0.76-0.81]	0.012	0.74	0.72	0.75
	AE	0.82	[0.79-0.84]	0.011	0.76	0.75	0.77
	LDA	0.77	[0.74-0.79]	0.013	0.72	0.71	0.72
	LR	0.77	[0.75-0.80]	0.012	0.72	0.73	0.72
	LASSO	0.77	[0.75-0.80]	0.012	0.73	0.72	0.73
	NB	0.75	[0.72-0.77]	0.013	0.72	0.70	0.72
KW	RF	0.82	[0.80-0.84]	0.010	0.75	0.75	0.75
	AB	0.79	[0.76-0.81]	0.012	0.73	0.72	0.73
	AE	0.81	[0.79-0.83]	0.011	0.75	0.76	0.75
	LDA	0.77	[0.74-0.79]	0.013	0.72	0.71	0.72
	LR	0.77	[0.75-0.80]	0.012	0.71	0.73	0.71
	LASSO	0.77	[0.75-0.80]	0.012	0.72	0.73	0.72
	NB	0.74	[0.71-0.76]	0.013	0.68	0.71	0.68
Relief	RF	0.83	[0.81-0.85]	0.010	0.74	0.77	0.74
	AB	0.77	[0.74-0.79]	0.012	0.71	0.72	0.71
	AE	0.79	[0.77-0.81]	0.012	0.72	0.74	0.71
	LDA	0.76	[0.74-0.78]	0.012	0.71	0.71	0.71
	LR	0.77	[0.75-0.79]	0.012	0.71	0.74	0.71
	LASSO	0.77	[0.75-0.80]	0.012	0.71	0.74	0.71
	NB	0.75	[0.72-0.77]	0.013	0.66	0.75	0.65
RFE	RF	0.83	[0.81-0.85]	0.010	0.74	0.76	0.74
	AB	0.78	[0.76-0.80]	0.012	0.71	0.74	0.70
	AE	0.82	[0.80-0.84]	0.011	0.75	0.75	0.75
	LDA	0.77	[0.74-0.79]	0.013	0.72	0.71	0.72
	LR	0.77	[0.75-0.80]	0.012	0.71	0.73	0.71
	LASSO	0.77	[0.75-0.80]	0.012	0.73	0.72	0.73
	NB	0.75	[0.72-0.77]	0.013	0.70	0.72	0.69

Supplemental Table 7. Classification performance indices of different feature selector and classifiers in Strategy 6.

FS	Classifier	AUC	95% CIs	Std	Acc	Sen	Spe
ANOVA	RF	0.82	[0.81-0.84]	0.010	0.76	0.76	0.77
	AB	0.78	[0.76-0.81]	0.012	0.73	0.75	0.73
	AE	0.82	[0.80-0.84]	0.010	0.73	0.77	0.73
	LDA	0.77	[0.74-0.79]	0.012	0.72	0.72	0.72
	LR	0.78	[0.75-0.80]	0.012	0.72	0.74	0.72
	LASSO	0.78	[0.75-0.80]	0.013	0.74	0.74	0.74
	NB	0.76	[0.73-0.78]	0.012	0.71	0.72	0.71
KW	RF	0.82	[0.80-0.84]	0.010	0.74	0.79	0.73
	AB	0.79	[0.76-0.81]	0.012	0.72	0.75	0.71
	AE	0.82	[0.79-0.84]	0.011	0.73	0.78	0.73
	LDA	0.77	[0.74-0.79]	0.013	0.71	0.73	0.71
	LR	0.78	[0.75-0.80]	0.012	0.72	0.75	0.71
	LASSO	0.78	[0.75-0.80]	0.013	0.72	0.75	0.71
	NB	0.76	[0.74-0.78]	0.012	0.71	0.72	0.71
Relief	RF	0.83	[0.81-0.84]	0.010	0.73	0.79	0.72
	AB	0.78	[0.76-0.81]	0.012	0.72	0.72	0.72
	AE	0.81	[0.79-0.83]	0.011	0.74	0.75	0.73
	LDA	0.77	[0.75-0.80]	0.013	0.72	0.74	0.72
	LR	0.78	[0.75-0.80]	0.012	0.72	0.73	0.72
	LASSO	0.78	[0.75-0.80]	0.013	0.72	0.74	0.71
	NB	0.75	[0.73-0.78]	0.012	0.67	0.75	0.66
RFE	RF	0.83	[0.80-0.84]	0.010	0.75	0.79	0.74
	AB	0.79	[0.76-0.81]	0.012	0.73	0.74	0.73
	AE	0.82	[0.80-0.84]	0.011	0.79	0.73	0.80
	LDA	0.76	[0.74-0.79]	0.013	0.72	0.73	0.72
	LR	0.78	[0.75-0.80]	0.012	0.71	0.75	0.71
	LASSO	0.78	[0.75-0.80]	0.013	0.71	0.74	0.71
	NB	0.76	[0.74-0.78]	0.012	0.71	0.71	0.71

Supplemental Table 8. Classification performance indices of different feature selector and classifiers in Strategy 7.

FS	Classifier	AUC	95% CIs	Std	Acc	Sen	Spe
ANOVA	RF	0.78	[0.76-0.80]	0.011	0.73	0.71	0.73
	AB	0.75	[0.72-0.77]	0.012	0.67	0.73	0.66
	AE	0.78	[0.76-0.80]	0.011	0.73	0.70	0.73
	LDA	0.76	[0.73-0.78]	0.012	0.72	0.70	0.72
	LR	0.76	[0.74-0.78]	0.012	0.71	0.71	0.71
	LASSO	0.76	[0.74-0.79]	0.012	0.71	0.72	0.71
	NB	0.74	[0.71-0.76]	0.013	0.70	0.70	0.70
KW	RF	0.78	[0.76-0.80]	0.011	0.72	0.72	0.72
	AB	0.76	[0.73-0.78]	0.012	0.71	0.70	0.71
	AE	0.77	[0.75-0.80]	0.012	0.74	0.70	0.74
	LDA	0.76	[0.74-0.79]	0.012	0.71	0.70	0.71
	LR	0.76	[0.74-0.78]	0.012	0.75	0.67	0.76
	LASSO	0.77	[0.74-0.79]	0.012	0.71	0.71	0.71
	NB	0.74	[0.72-0.77]	0.013	0.74	0.65	0.75
Relief	RF	0.78	[0.76-0.80]	0.011	0.72	0.73	0.72
	AB	0.74	[0.72-0.76]	0.012	0.68	0.72	0.67
	AE	0.76	[0.74-0.79]	0.012	0.71	0.71	0.71
	LDA	0.75	[0.73-0.78]	0.012	0.70	0.69	0.71
	LR	0.76	[0.74-0.78]	0.012	0.73	0.67	0.74
	LASSO	0.77	[0.74-0.79]	0.012	0.68	0.74	0.68
	NB	0.73	[0.70-0.75]	0.013	0.72	0.67	0.72
RFE	RF	0.79	[0.76-0.81]	0.011	0.71	0.73	0.71
	AB	0.75	[0.72-0.77]	0.012	0.68	0.73	0.67
	AE	0.77	[0.75-0.79]	0.012	0.71	0.73	0.70
	LDA	0.76	[0.73-0.78]	0.012	0.71	0.71	0.70
	LR	0.76	[0.74-0.79]	0.012	0.72	0.70	0.73
	LASSO	0.77	[0.74-0.79]	0.012	0.71	0.71	0.71
	NB	0.74	[0.72-0.77]	0.013	0.72	0.67	0.73

Supplemental Table 9. Classification performance indices of different feature selector and classifiers in Strategy 8.

FS	Classifier	AUC	Acc	Sen	Spe
ANOVA	RF	0.67 ± 0.072	0.61 ± 0.085	0.67 ± 0.058	0.6 ± 0.096
	AB	0.69 ± 0.064	0.65 ± 0.059	0.66 ± 0.059	0.64 ± 0.065
	AE	0.72 ± 0.073	0.66 ± 0.068	0.7 ± 0.069	0.65 ± 0.077
	LDA	0.71 ± 0.062	0.66 ± 0.058	0.69 ± 0.037	0.66 ± 0.063
	LR	0.74 ± 0.051	0.68 ± 0.047	0.71 ± 0.039	0.67 ± 0.051
	LASSO	0.74 ± 0.051	0.68 ± 0.042	0.71 ± 0.041	0.68 ± 0.045
	NB	0.74 ± 0.034	0.69 ± 0.03	0.71 ± 0.026	0.69 ± 0.033
KW	RF	0.67 ± 0.08	0.6 ± 0.09	0.67 ± 0.074	0.59 ± 0.1
	AB	0.68 ± 0.079	0.61 ± 0.064	0.69 ± 0.063	0.6 ± 0.068
	AE	0.72 ± 0.07	0.63 ± 0.097	0.73 ± 0.067	0.62 ± 0.11
	LDA	0.7 ± 0.074	0.65 ± 0.071	0.68 ± 0.05	0.64 ± 0.079
	LR	0.72 ± 0.066	0.65 ± 0.051	0.71 ± 0.037	0.65 ± 0.056
	LASSO	0.74 ± 0.053	0.67 ± 0.043	0.71 ± 0.039	0.67 ± 0.046
	NB	0.74 ± 0.059	0.69 ± 0.049	0.7 ± 0.043	0.69 ± 0.052
Relief	RF	0.66 ± 0.066	0.59 ± 0.069	0.67 ± 0.057	0.58 ± 0.077
	AB	0.67 ± 0.062	0.58 ± 0.073	0.7 ± 0.079	0.57 ± 0.084
	AE	0.71 ± 0.057	0.62 ± 0.076	0.71 ± 0.039	0.61 ± 0.088
	LDA	0.69 ± 0.061	0.63 ± 0.05	0.67 ± 0.051	0.63 ± 0.052
	LR	0.71 ± 0.063	0.63 ± 0.068	0.71 ± 0.043	0.62 ± 0.077
	LASSO	0.7 ± 0.069	0.62 ± 0.064	0.71 ± 0.053	0.61 ± 0.07
	NB	0.64 ± 0.087	0.63 ± 0.1	0.61 ± 0.12	0.63 ± 0.12
RFE	RF	0.67 ± 0.071	0.6 ± 0.064	0.67 ± 0.053	0.6 ± 0.069
	AB	0.68 ± 0.049	0.6 ± 0.059	0.71 ± 0.058	0.58 ± 0.07
	AE	0.72 ± 0.066	0.63 ± 0.079	0.72 ± 0.029	0.62 ± 0.089
	LDA	0.68 ± 0.058	0.61 ± 0.06	0.7 ± 0.047	0.6 ± 0.069
	LR	0.7 ± 0.062	0.63 ± 0.059	0.7 ± 0.056	0.62 ± 0.067
	LASSO	0.7 ± 0.062	0.62 ± 0.056	0.7 ± 0.052	0.61 ± 0.063
	NB	0.67 ± 0.064	0.59 ± 0.099	0.72 ± 0.081	0.57 ± 0.12

Supplemental Table 10. Classification performance indices of different feature selector and classifiers in Strategy 9.

FS	Classifier	AUC	Acc	Sen	Spe
ANOVA	RF	0.79 ± 0.08	0.74 ± 0.079	0.77 ± 0.086	0.73 ± 0.078
	AB	0.79 ± 0.08	0.75 ± 0.073	0.77 ± 0.099	0.74 ± 0.074
	AE	0.80 ± 0.08	0.77 ± 0.075	0.78 ± 0.095	0.76 ± 0.078
	LDA	0.79 ± 0.08	0.76 ± 0.072	0.76 ± 0.1	0.75 ± 0.075
	LR	0.80 ± 0.08	0.76 ± 0.075	0.77 ± 0.11	0.76 ± 0.075
	LASSO	0.80 ± 0.08	0.75 ± 0.076	0.77 ± 0.099	0.75 ± 0.076
	NB	0.78 ± 0.08	0.75 ± 0.068	0.74 ± 0.11	0.76 ± 0.07
KW	RF	0.79 ± 0.08	0.72 ± 0.093	0.78 ± 0.11	0.71 ± 0.098
	AB	0.79 ± 0.086	0.74 ± 0.088	0.76 ± 0.16	0.74 ± 0.11
	AE	0.81 ± 0.083	0.73 ± 0.095	0.81 ± 0.13	0.73 ± 0.1
	LDA	0.80 ± 0.084	0.74 ± 0.092	0.77 ± 0.13	0.74 ± 0.11
	LR	0.80 ± 0.084	0.76 ± 0.085	0.76 ± 0.14	0.76 ± 0.097
	LASSO	0.80 ± 0.084	0.75 ± 0.095	0.77 ± 0.14	0.74 ± 0.11
	NB	0.78 ± 0.083	0.76 ± 0.07	0.75 ± 0.12	0.76 ± 0.074
Relief	RF	0.79 ± 0.086	0.72 ± 0.098	0.79 ± 0.12	0.71 ± 0.1
	AB	0.79 ± 0.08	0.71 ± 0.092	0.81 ± 0.08	0.69 ± 0.1
	AE	0.8 ± 0.087	0.73 ± 0.093	0.8 ± 0.11	0.72 ± 0.1
	LDA	0.8 ± 0.084	0.73 ± 0.092	0.8 ± 0.11	0.72 ± 0.1
	LR	0.79 ± 0.077	0.74 ± 0.083	0.78 ± 0.11	0.74 ± 0.09
	LASSO	0.8 ± 0.086	0.75 ± 0.095	0.77 ± 0.13	0.74 ± 0.11
	NB	0.75 ± 0.075	0.73 ± 0.065	0.71 ± 0.11	0.74 ± 0.074
RFE	RF	0.79 ± 0.082	0.71 ± 0.089	0.8 ± 0.099	0.7 ± 0.096
	AB	0.79 ± 0.077	0.72 ± 0.073	0.8 ± 0.081	0.7 ± 0.08
	AE	0.81 ± 0.082	0.74 ± 0.087	0.8 ± 0.13	0.73 ± 0.099
	LDA	0.79 ± 0.089	0.74 ± 0.093	0.78 ± 0.11	0.73 ± 0.11
	LR	0.8 ± 0.084	0.75 ± 0.09	0.78 ± 0.1	0.75 ± 0.092
	LASSO	0.8 ± 0.082	0.75 ± 0.073	0.76 ± 0.17	0.76 ± 0.09
	NB	0.76 ± 0.069	0.74 ± 0.048	0.73 ± 0.092	0.74 ± 0.052

Supplemental Table 11. Classification performance indices of different feature selector and classifiers in Strategy 10.

FS	Classifier	AUC	Acc	Sen	Spe
ANOVA	RF	0.82 ± 0.095	0.78 ± 0.11	0.82 ± 0.097	0.77 ± 0.11
	AB	0.8 ± 0.13	0.77 ± 0.11	0.81 ± 0.11	0.76 ± 0.12
	AE	0.79 ± 0.11	0.74 ± 0.11	0.83 ± 0.11	0.73 ± 0.11
	LDA	0.82 ± 0.1	0.77 ± 0.094	0.83 ± 0.11	0.77 ± 0.093
	LR	0.82 ± 0.1	0.78 ± 0.093	0.84 ± 0.12	0.77 ± 0.094
	LASSO	0.81 ± 0.099	0.78 ± 0.085	0.82 ± 0.12	0.78 ± 0.085
	NB	0.79 ± 0.12	0.76 ± 0.12	0.83 ± 0.12	0.75 ± 0.13
KW	RF	0.82 ± 0.09	0.76 ± 0.11	0.83 ± 0.11	0.75 ± 0.12
	AB	0.8 ± 0.14	0.74 ± 0.15	0.84 ± 0.14	0.72 ± 0.16
	AE	0.79 ± 0.11	0.73 ± 0.14	0.83 ± 0.13	0.72 ± 0.16
	LDA	0.81 ± 0.1	0.75 ± 0.1	0.84 ± 0.14	0.74 ± 0.11
	LR	0.81 ± 0.097	0.75 ± 0.11	0.85 ± 0.11	0.75 ± 0.12
	LASSO	0.81 ± 0.095	0.76 ± 0.1	0.85 ± 0.11	0.75 ± 0.11
	NB	0.79 ± 0.11	0.75 ± 0.12	0.83 ± 0.15	0.74 ± 0.13
Relief	RF	0.83 ± 0.1	0.75 ± 0.12	0.85 ± 0.11	0.74 ± 0.13
	AB	0.77 ± 0.14	0.71 ± 0.15	0.84 ± 0.13	0.69 ± 0.15
	AE	0.79 ± 0.11	0.74 ± 0.11	0.81 ± 0.13	0.72 ± 0.12
	LDA	0.81 ± 0.11	0.74 ± 0.1	0.86 ± 0.11	0.72 ± 0.11
	LR	0.81 ± 0.11	0.73 ± 0.13	0.86 ± 0.13	0.71 ± 0.14
	LASSO	0.8 ± 0.11	0.73 ± 0.12	0.87 ± 0.12	0.71 ± 0.13
	NB	0.79 ± 0.12	0.74 ± 0.13	0.83 ± 0.12	0.72 ± 0.14
RFE	RF	0.82 ± 0.099	0.72 ± 0.13	0.87 ± 0.092	0.7 ± 0.13
	AB	0.8 ± 0.14	0.76 ± 0.13	0.84 ± 0.1	0.74 ± 0.13
	AE	0.8 ± 0.1	0.74 ± 0.1	0.84 ± 0.13	0.72 ± 0.11
	LDA	0.81 ± 0.11	0.73 ± 0.11	0.87 ± 0.1	0.71 ± 0.12
	LR	0.8 ± 0.12	0.73 ± 0.14	0.85 ± 0.15	0.71 ± 0.15
	LASSO	0.79 ± 0.11	0.73 ± 0.13	0.83 ± 0.16	0.72 ± 0.14
	NB	0.79 ± 0.12	0.75 ± 0.13	0.83 ± 0.13	0.74 ± 0.14

Supplemental Table 12. Classification performance indices of different feature selector and classifiers in Strategy 8 for each center.

Center	FS	Classifier	AUC	95% CIs	Std	Acc	Sen	Spe
Center_01	ANOVA	AB	0.6	[0.59-0.62]	0.0075	0.58	0.59	0.58
		AE	0.77	[0.75-0.78]	0.0061	0.68	0.73	0.67
		LASSO	0.59	[0.57-0.6]	0.0073	0.58	0.59	0.58
		LDA	0.63	[0.62-0.65]	0.0067	0.61	0.66	0.6
		LR	0.58	[0.57-0.6]	0.0072	0.57	0.61	0.56
		NB	0.67	[0.66-0.68]	0.007	0.66	0.66	0.66
		RF	0.59	[0.58-0.61]	0.0075	0.52	0.66	0.5
	KW	AB	0.59	[0.57-0.6]	0.0076	0.55	0.64	0.54
		AE	0.65	[0.64-0.66]	0.007	0.63	0.65	0.63
		LASSO	0.61	[0.6-0.63]	0.0076	0.58	0.64	0.57
		LDA	0.62	[0.61-0.64]	0.0069	0.62	0.64	0.62
		LR	0.6	[0.59-0.62]	0.0076	0.57	0.65	0.56
		NB	0.66	[0.65-0.67]	0.0068	0.63	0.66	0.63
		RF	0.59	[0.58-0.61]	0.0077	0.55	0.62	0.54
	Relief	AB	0.59	[0.57-0.6]	0.0071	0.36	0.85	0.3
		AE	0.68	[0.66-0.69]	0.0067	0.63	0.65	0.63
		LASSO	0.64	[0.62-0.65]	0.0072	0.53	0.73	0.51
		LDA	0.6	[0.58-0.61]	0.0073	0.54	0.67	0.53
		LR	0.64	[0.63-0.66]	0.007	0.55	0.71	0.54
		NB	0.52	[0.51-0.54]	0.0076	0.53	0.54	0.53
		RF	0.59	[0.57-0.6]	0.0077	0.53	0.64	0.51
	RFE	AB	0.65	[0.64-0.67]	0.007	0.58	0.65	0.57
		AE	0.74	[0.73-0.75]	0.0068	0.65	0.73	0.64
		LASSO	0.55	[0.53-0.56]	0.0074	0.54	0.57	0.53
		LDA	0.58	[0.56-0.59]	0.0072	0.54	0.65	0.52
		LR	0.57	[0.55-0.58]	0.0073	0.57	0.57	0.57
		NB	0.59	[0.58-0.61]	0.0069	0.49	0.71	0.46
		RF	0.57	[0.55-0.58]	0.0078	0.52	0.59	0.51
Center_02	ANOVA	AB	0.74	[0.73-0.75]	0.0062	0.67	0.71	0.67
		AE	0.8	[0.78-0.81]	0.0061	0.74	0.74	0.74
		LASSO	0.77	[0.75-0.78]	0.0065	0.7	0.72	0.7
		LDA	0.79	[0.77-0.8]	0.0062	0.73	0.71	0.73
		LR	0.76	[0.75-0.77]	0.0062	0.68	0.72	0.67
		NB	0.79	[0.78-0.8]	0.0061	0.72	0.75	0.71
		RF	0.77	[0.75-0.78]	0.0065	0.71	0.72	0.71
	KW	AB	0.75	[0.73-0.76]	0.0063	0.68	0.71	0.67

		AE	0.79	[0.78-0.8]	0.0061	0.72	0.75	0.72
		LASSO	0.78	[0.77-0.79]	0.0065	0.73	0.74	0.73
		LDA	0.75	[0.74-0.77]	0.007	0.69	0.71	0.69
		LR	0.74	[0.73-0.76]	0.0067	0.68	0.69	0.68
		NB	0.79	[0.78-0.8]	0.0061	0.72	0.75	0.72
		RF	0.77	[0.75-0.78]	0.0066	0.7	0.75	0.7
	Relief	AB	0.68	[0.66-0.69]	0.0078	0.59	0.69	0.58
		AE	0.75	[0.73-0.76]	0.0067	0.7	0.7	0.7
		LASSO	0.76	[0.75-0.78]	0.0065	0.69	0.73	0.69
		LDA	0.71	[0.69-0.72]	0.0074	0.63	0.67	0.62
		LR	0.77	[0.76-0.78]	0.0063	0.69	0.72	0.69
		NB	0.6	[0.58-0.62]	0.0082	0.71	0.48	0.74
		RF	0.76	[0.75-0.77]	0.0068	0.69	0.75	0.69
	RFE	AB	0.71	[0.7-0.73]	0.0066	0.6	0.74	0.58
		AE	0.8	[0.79-0.81]	0.006	0.73	0.74	0.73
		LASSO	0.7	[0.68-0.71]	0.0071	0.64	0.66	0.64
		LDA	0.76	[0.75-0.77]	0.0063	0.65	0.76	0.63
		LR	0.75	[0.74-0.77]	0.0063	0.65	0.74	0.64
		NB	0.73	[0.72-0.74]	0.0064	0.69	0.7	0.69
		RF	0.76	[0.75-0.78]	0.0066	0.71	0.73	0.71
Center_03	ANOVA	AB	0.71	[0.7-0.72]	0.0072	0.64	0.7	0.63
		AE	0.55	[0.53-0.56]	0.0076	0.57	0.55	0.57
		LASSO	0.71	[0.69-0.72]	0.0069	0.67	0.7	0.66
		LDA	0.66	[0.65-0.67]	0.0069	0.58	0.71	0.57
		LR	0.72	[0.71-0.73]	0.0064	0.64	0.7	0.63
		NB	0.76	[0.75-0.77]	0.0068	0.74	0.7	0.74
		RF	0.73	[0.71-0.74]	0.0071	0.68	0.68	0.68
	KW	AB	0.71	[0.69-0.72]	0.007	0.64	0.73	0.62
		AE	0.6	[0.59-0.62]	0.0069	0.55	0.65	0.54
		LASSO	0.71	[0.69-0.72]	0.0067	0.64	0.66	0.64
		LDA	0.76	[0.75-0.77]	0.007	0.8	0.59	0.83
		LR	0.74	[0.72-0.75]	0.0066	0.68	0.69	0.68
		NB	0.76	[0.74-0.77]	0.0068	0.73	0.7	0.74
		RF	0.73	[0.72-0.75]	0.0069	0.74	0.63	0.76
	Relief	AB	0.76	[0.74-0.77]	0.0072	0.7	0.75	0.7
		AE	0.64	[0.63-0.65]	0.0077	0.53	0.69	0.52
		LASSO	0.71	[0.7-0.72]	0.0065	0.57	0.75	0.55
		LDA	0.76	[0.75-0.78]	0.0067	0.74	0.68	0.75
		LR	0.77	[0.76-0.78]	0.0067	0.72	0.72	0.72
		NB	0.77	[0.75-0.78]	0.0067	0.73	0.69	0.74
		RF	0.72	[0.71-0.74]	0.0071	0.65	0.7	0.64

		AB	0.75	[0.74-0.77]	0.0072	0.67	0.74	0.66
		AE	0.62	[0.61-0.64]	0.0077	0.45	0.75	0.41
		LASSO	0.69	[0.68-0.71]	0.007	0.59	0.7	0.58
	RFE	LDA	0.67	[0.66-0.69]	0.0067	0.62	0.67	0.61
		LR	0.72	[0.7-0.73]	0.0065	0.64	0.7	0.63
		NB	0.74	[0.73-0.75]	0.0061	0.63	0.78	0.61
		RF	0.72	[0.71-0.73]	0.007	0.68	0.68	0.67
		AB	0.76	[0.75-0.77]	0.0066	0.67	0.74	0.66
		AE	0.79	[0.78-0.8]	0.0062	0.71	0.74	0.71
		LASSO	0.78	[0.77-0.8]	0.0062	0.65	0.78	0.64
	ANOVA	LDA	0.77	[0.75-0.78]	0.0064	0.69	0.71	0.69
		LR	0.79	[0.77-0.8]	0.0062	0.66	0.79	0.65
		NB	0.79	[0.78-0.8]	0.0063	0.72	0.74	0.72
		RF	0.76	[0.74-0.77]	0.0065	0.69	0.68	0.69
		AB	0.76	[0.74-0.77]	0.0065	0.68	0.72	0.68
		AE	0.78	[0.77-0.8]	0.0062	0.7	0.76	0.69
		LASSO	0.78	[0.77-0.8]	0.0061	0.64	0.8	0.62
	KW	LDA	0.75	[0.74-0.77]	0.0066	0.67	0.71	0.66
		LR	0.78	[0.77-0.8]	0.0061	0.66	0.78	0.64
		NB	0.79	[0.78-0.8]	0.0062	0.72	0.74	0.72
Center_04		RF	0.76	[0.75-0.77]	0.0065	0.7	0.7	0.7
		AB	0.76	[0.75-0.77]	0.0065	0.64	0.78	0.63
		AE	0.78	[0.76-0.79]	0.0065	0.7	0.73	0.7
		LASSO	0.78	[0.77-0.79]	0.0062	0.67	0.75	0.66
	Relief	LDA	0.73	[0.72-0.74]	0.0065	0.63	0.71	0.62
		LR	0.78	[0.77-0.79]	0.0062	0.64	0.79	0.62
		NB	0.75	[0.74-0.77]	0.0065	0.68	0.71	0.67
		RF	0.76	[0.74-0.77]	0.0066	0.66	0.74	0.66
		AB	0.7	[0.69-0.72]	0.0069	0.57	0.79	0.54
		AE	0.77	[0.75-0.78]	0.0063	0.66	0.77	0.64
		LASSO	0.77	[0.76-0.78]	0.0061	0.69	0.71	0.69
	RFE	LDA	0.77	[0.76-0.78]	0.0064	0.69	0.72	0.69
		LR	0.77	[0.75-0.78]	0.0062	0.67	0.73	0.66
		NB	0.78	[0.77-0.8]	0.0062	0.7	0.74	0.7
		RF	0.75	[0.74-0.77]	0.0067	0.7	0.71	0.7
		AB	0.74	[0.72-0.75]	0.0068	0.69	0.73	0.69
		AE	0.74	[0.73-0.75]	0.0065	0.69	0.73	0.68
		LASSO	0.77	[0.76-0.79]	0.0065	0.68	0.75	0.67
Center_05	ANOVA	LDA	0.75	[0.74-0.77]	0.0065	0.7	0.68	0.71
		LR	0.77	[0.76-0.78]	0.0064	0.66	0.75	0.65
		NB	0.75	[0.73-0.76]	0.0068	0.7	0.69	0.7

		RF	0.73	[0.72-0.75]	0.0069	0.63	0.73	0.62
	KW	AB	0.7	[0.69-0.71]	0.007	0.65	0.65	0.65
		AE	0.74	[0.72-0.75]	0.0069	0.69	0.7	0.68
		LASSO	0.76	[0.75-0.78]	0.0065	0.68	0.71	0.68
		LDA	0.71	[0.7-0.73]	0.007	0.66	0.68	0.65
		LR	0.76	[0.75-0.78]	0.0065	0.7	0.7	0.7
		NB	0.76	[0.75-0.78]	0.0066	0.74	0.66	0.75
		RF	0.73	[0.72-0.75]	0.0069	0.63	0.73	0.62
	Relief	AB	0.72	[0.7-0.73]	0.0066	0.59	0.83	0.56
		AE	0.72	[0.71-0.74]	0.0068	0.66	0.7	0.65
		LASSO	0.72	[0.71-0.73]	0.0067	0.65	0.68	0.65
		LDA	0.57	[0.56-0.59]	0.0082	0.57	0.57	0.57
		LR	0.72	[0.7-0.73]	0.0072	0.62	0.72	0.61
		NB	0.57	[0.55-0.59]	0.0086	0.8	0.3	0.86
		RF	0.75	[0.74-0.77]	0.0067	0.7	0.71	0.69
	RFE	AB	0.7	[0.69-0.72]	0.0067	0.57	0.81	0.54
		AE	0.75	[0.74-0.76]	0.0066	0.64	0.75	0.63
		LASSO	0.72	[0.71-0.73]	0.0068	0.64	0.69	0.63
		LDA	0.69	[0.67-0.7]	0.0072	0.6	0.69	0.59
		LR	0.69	[0.67-0.7]	0.0074	0.64	0.65	0.63
		NB	0.61	[0.59-0.62]	0.0086	0.72	0.46	0.76
		RF	0.73	[0.72-0.75]	0.0066	0.62	0.75	0.6
Center_06	ANOVA	AB	0.67	[0.66-0.69]	0.0076	0.64	0.64	0.64
		AE	0.76	[0.75-0.77]	0.0064	0.68	0.71	0.68
		LASSO	0.7	[0.69-0.72]	0.0074	0.65	0.65	0.65
		LDA	0.6	[0.58-0.61]	0.0078	0.58	0.56	0.58
		LR	0.74	[0.73-0.76]	0.0067	0.64	0.71	0.64
		NB	0.76	[0.75-0.77]	0.0064	0.67	0.73	0.66
		RF	0.58	[0.56-0.59]	0.0071	0.47	0.73	0.44
	KW	AB	0.7	[0.68-0.71]	0.0072	0.6	0.77	0.58
		AE	0.75	[0.74-0.77]	0.0066	0.69	0.7	0.69
		LASSO	0.69	[0.67-0.7]	0.0078	0.64	0.65	0.64
		LDA	0.56	[0.54-0.57]	0.0083	0.54	0.56	0.54
		LR	0.7	[0.69-0.71]	0.0074	0.63	0.67	0.62
		NB	0.75	[0.74-0.77]	0.0066	0.68	0.71	0.67
		RF	0.57	[0.55-0.59]	0.0079	0.53	0.58	0.52
	Relief	AB	0.68	[0.67-0.69]	0.0068	0.58	0.8	0.56
		AE	0.75	[0.74-0.76]	0.0068	0.67	0.71	0.66
		LASSO	0.72	[0.71-0.74]	0.0071	0.65	0.7	0.64
		LDA	0.74	[0.73-0.76]	0.007	0.69	0.69	0.69
		LR	0.75	[0.74-0.77]	0.0066	0.67	0.71	0.66

		NB	0.72	[0.7-0.73]	0.0075	0.65	0.67	0.65
		RF	0.58	[0.56-0.59]	0.0076	0.54	0.61	0.53
	RFE	AB	0.65	[0.64-0.66]	0.0071	0.62	0.66	0.61
		AE	0.78	[0.77-0.79]	0.0062	0.72	0.72	0.72
		LASSO	0.72	[0.7-0.73]	0.0068	0.57	0.75	0.55
		LDA	0.69	[0.67-0.7]	0.0076	0.62	0.67	0.61
		LR	0.72	[0.7-0.73]	0.0068	0.53	0.79	0.5
		NB	0.73	[0.72-0.75]	0.0069	0.62	0.73	0.61
		RF	0.58	[0.56-0.59]	0.0071	0.47	0.73	0.44
Center_07	ANOVA	AB	0.75	[0.73-0.76]	0.0063	0.74	0.59	0.76
		AE	0.74	[0.73-0.75]	0.0068	0.66	0.73	0.66
		LASSO	0.78	[0.77-0.8]	0.0064	0.75	0.69	0.75
		LDA	0.76	[0.75-0.77]	0.0062	0.7	0.71	0.7
		LR	0.78	[0.77-0.79]	0.0063	0.7	0.74	0.7
		NB	0.78	[0.77-0.79]	0.0064	0.72	0.73	0.72
		RF	0.72	[0.7-0.73]	0.0079	0.71	0.64	0.71
	KW	AB	0.77	[0.76-0.78]	0.0063	0.69	0.73	0.68
		AE	0.71	[0.7-0.73]	0.0068	0.61	0.75	0.6
		LASSO	0.78	[0.77-0.8]	0.0062	0.71	0.72	0.7
		LDA	0.71	[0.69-0.72]	0.0071	0.65	0.66	0.65
		LR	0.76	[0.75-0.77]	0.0067	0.7	0.72	0.69
		NB	0.77	[0.76-0.78]	0.0065	0.72	0.72	0.72
		RF	0.76	[0.75-0.77]	0.0068	0.69	0.7	0.69
	Relief	AB	0.73	[0.72-0.74]	0.0065	0.66	0.66	0.66
		AE	0.71	[0.7-0.73]	0.0067	0.6	0.72	0.59
		LASSO	0.74	[0.73-0.76]	0.0065	0.66	0.71	0.66
		LDA	0.72	[0.71-0.73]	0.0067	0.66	0.68	0.66
		LR	0.75	[0.73-0.76]	0.0067	0.66	0.72	0.66
		NB	0.75	[0.74-0.76]	0.0062	0.7	0.71	0.7
		RF	0.68	[0.67-0.7]	0.0075	0.65	0.66	0.65
	RFE	AB	0.75	[0.74-0.77]	0.0063	0.67	0.73	0.66
		AE	0.62	[0.61-0.63]	0.0067	0.57	0.67	0.56
		LASSO	0.76	[0.74-0.77]	0.0064	0.68	0.72	0.68
		LDA	0.75	[0.73-0.76]	0.0065	0.65	0.76	0.63
		LR	0.77	[0.76-0.78]	0.0063	0.69	0.75	0.68
		NB	0.71	[0.69-0.72]	0.0064	0.64	0.72	0.63
		RF	0.69	[0.68-0.71]	0.0075	0.59	0.71	0.58
Center_08	ANOVA	AB	0.67	[0.65-0.68]	0.0077	0.61	0.66	0.61
		AB	0.67	[0.65-0.68]	0.0077	0.61	0.66	0.61
		AE	0.75	[0.74-0.76]	0.0061	0.7	0.7	0.7
		AE	0.75	[0.74-0.76]	0.0061	0.7	0.7	0.7

		LASSO	0.76	[0.75-0.77]	0.0061	0.68	0.73	0.67
		LASSO	0.76	[0.75-0.77]	0.0061	0.68	0.73	0.67
		LDA	0.73	[0.71-0.74]	0.0064	0.65	0.7	0.64
	KW	LDA	0.73	[0.71-0.74]	0.0064	0.65	0.7	0.64
		LR	0.75	[0.74-0.77]	0.0062	0.69	0.7	0.69
		LR	0.75	[0.74-0.77]	0.0062	0.69	0.7	0.69
		NB	0.78	[0.77-0.79]	0.006	0.72	0.74	0.72
		NB	0.78	[0.77-0.79]	0.006	0.72	0.74	0.72
		RF	0.66	[0.65-0.68]	0.0075	0.61	0.64	0.6
		RF	0.66	[0.65-0.68]	0.0075	0.61	0.64	0.6
	Relief	AB	0.63	[0.62-0.65]	0.0075	0.52	0.71	0.5
		AE	0.7	[0.69-0.72]	0.007	0.6	0.7	0.59
		LASSO	0.6	[0.59-0.62]	0.0074	0.54	0.66	0.53
		LDA	0.61	[0.6-0.63]	0.0078	0.58	0.59	0.57
		LR	0.62	[0.61-0.64]	0.0074	0.54	0.69	0.53
		NB	0.65	[0.63-0.66]	0.0075	0.63	0.63	0.63
		RF	0.64	[0.63-0.66]	0.0075	0.58	0.64	0.57
	RFE	AB	0.69	[0.68-0.71]	0.0072	0.63	0.69	0.62
		AE	0.76	[0.75-0.77]	0.0064	0.66	0.74	0.65
		LASSO	0.63	[0.61-0.64]	0.0083	0.58	0.64	0.57
		LDA	0.61	[0.59-0.62]	0.0075	0.57	0.63	0.57
		LR	0.64	[0.62-0.65]	0.0079	0.59	0.63	0.58
		NB	0.71	[0.7-0.73]	0.0062	0.64	0.73	0.63
		RF	0.65	[0.64-0.67]	0.0076	0.61	0.62	0.61
Center_09	ANOVA	AB	0.57	[0.56-0.58]	0.0067	0.58	0.59	0.58
		AE	0.55	[0.54-0.57]	0.008	0.57	0.58	0.57
		LASSO	0.76	[0.74-0.77]	0.0067	0.7	0.73	0.69
		LDA	0.69	[0.67-0.7]	0.0073	0.65	0.66	0.65
		LR	0.76	[0.75-0.77]	0.0067	0.7	0.73	0.69
		NB	0.77	[0.76-0.78]	0.0062	0.73	0.7	0.73
		RF	0.64	[0.62-0.65]	0.0071	0.54	0.66	0.53
	KW	AB	0.53	[0.52-0.55]	0.0077	0.51	0.56	0.5
		AE	0.61	[0.59-0.62]	0.0075	0.52	0.66	0.51
		LASSO	0.71	[0.7-0.73]	0.0069	0.65	0.71	0.64
		LDA	0.56	[0.54-0.57]	0.0078	0.52	0.59	0.51
		LR	0.71	[0.69-0.72]	0.0071	0.65	0.68	0.64
		NB	0.75	[0.73-0.76]	0.0067	0.7	0.72	0.69
		RF	0.67	[0.66-0.68]	0.0071	0.54	0.73	0.51
	Relief	AB	0.68	[0.67-0.69]	0.0066	0.58	0.71	0.56
		AE	0.56	[0.54-0.57]	0.0064	0.44	0.78	0.4
		LASSO	0.72	[0.71-0.73]	0.0066	0.65	0.71	0.64

		LDA	0.72	[0.71-0.73]	0.0068	0.64	0.68	0.63
		LR	0.73	[0.72-0.74]	0.0066	0.66	0.71	0.65
		NB	0.73	[0.72-0.74]	0.0065	0.67	0.68	0.67
		RF	0.67	[0.66-0.68]	0.0068	0.62	0.64	0.61
	RFE	AB	0.61	[0.59-0.62]	0.0071	0.42	0.83	0.37
		AE	0.64	[0.62-0.65]	0.0073	0.53	0.7	0.51
		LASSO	0.72	[0.7-0.73]	0.0066	0.66	0.66	0.66
		LDA	0.67	[0.66-0.69]	0.0068	0.61	0.66	0.61
		LR	0.71	[0.7-0.72]	0.0067	0.66	0.66	0.66
		NB	0.7	[0.68-0.71]	0.0063	0.66	0.68	0.66
		RF	0.68	[0.66-0.69]	0.0075	0.64	0.65	0.64
Center_10	ANOVA	AB	0.7	[0.68-0.71]	0.0073	0.61	0.67	0.6
		AE	0.75	[0.73-0.76]	0.0069	0.69	0.69	0.69
		LASSO	0.77	[0.76-0.79]	0.0062	0.72	0.7	0.73
		LDA	0.78	[0.77-0.8]	0.0062	0.74	0.7	0.75
		LR	0.75	[0.74-0.77]	0.0063	0.7	0.71	0.7
		NB	0.75	[0.74-0.76]	0.0065	0.68	0.74	0.67
		RF	0.67	[0.65-0.68]	0.0074	0.61	0.66	0.61
	KW	AB	0.76	[0.75-0.78]	0.0062	0.64	0.77	0.62
		AE	0.75	[0.74-0.76]	0.0066	0.64	0.75	0.63
		LASSO	0.78	[0.77-0.8]	0.0063	0.7	0.74	0.7
		LDA	0.75	[0.74-0.77]	0.0066	0.69	0.69	0.69
		LR	0.76	[0.75-0.78]	0.0067	0.69	0.71	0.69
		NB	0.75	[0.74-0.77]	0.0064	0.7	0.72	0.7
		RF	0.7	[0.68-0.71]	0.0077	0.61	0.68	0.6
	Relief	AB	0.61	[0.59-0.62]	0.0078	0.58	0.58	0.58
		AE	0.72	[0.7-0.73]	0.0071	0.66	0.69	0.65
		LASSO	0.72	[0.71-0.74]	0.007	0.67	0.71	0.67
		LDA	0.7	[0.69-0.71]	0.0067	0.64	0.72	0.62
		LR	0.73	[0.71-0.74]	0.0071	0.69	0.69	0.69
		NB	0.69	[0.68-0.7]	0.0066	0.62	0.74	0.61
		RF	0.66	[0.64-0.67]	0.0073	0.6	0.65	0.59
	RFE	AB	0.68	[0.67-0.7]	0.0082	0.6	0.68	0.59
		AE	0.73	[0.71-0.74]	0.0071	0.64	0.71	0.63
		LASSO	0.7	[0.68-0.71]	0.0074	0.65	0.67	0.65
		LDA	0.68	[0.67-0.69]	0.0068	0.61	0.72	0.6
		LR	0.72	[0.7-0.73]	0.0071	0.67	0.69	0.67
		NB	0.69	[0.68-0.71]	0.0069	0.65	0.7	0.64
		RF	0.67	[0.66-0.69]	0.0074	0.6	0.67	0.59
Center_11	ANOVA	AB	0.64	[0.63-0.66]	0.0068	0.54	0.76	0.52
		AE	0.76	[0.75-0.78]	0.0067	0.7	0.71	0.7

		LASSO	0.73	[0.71-0.74]	0.0067	0.67	0.69	0.67
		LDA	0.67	[0.65-0.68]	0.0074	0.61	0.67	0.6
		LR	0.71	[0.7-0.72]	0.0067	0.66	0.69	0.66
		NB	0.74	[0.73-0.75]	0.0066	0.68	0.73	0.67
		RF	0.7	[0.68-0.71]	0.0069	0.62	0.71	0.61
	KW	AB	0.61	[0.6-0.63]	0.0075	0.53	0.72	0.51
		AE	0.77	[0.76-0.78]	0.0065	0.69	0.74	0.69
		LASSO	0.75	[0.74-0.76]	0.0068	0.7	0.7	0.69
		LDA	0.72	[0.7-0.73]	0.007	0.64	0.7	0.64
		LR	0.74	[0.72-0.75]	0.0069	0.68	0.7	0.67
		NB	0.74	[0.72-0.75]	0.0067	0.7	0.7	0.7
		RF	0.72	[0.71-0.74]	0.0067	0.62	0.74	0.61
	Relief	AB	0.66	[0.65-0.68]	0.0077	0.55	0.7	0.53
		AE	0.69	[0.68-0.71]	0.0069	0.59	0.73	0.57
		LASSO	0.77	[0.76-0.78]	0.0062	0.64	0.79	0.62
		LDA	0.76	[0.74-0.77]	0.0065	0.66	0.75	0.65
		LR	0.77	[0.76-0.78]	0.0066	0.69	0.73	0.69
		NB	0.7	[0.69-0.71]	0.0064	0.62	0.73	0.61
		RF	0.7	[0.68-0.71]	0.0072	0.64	0.66	0.64
	RFE	AB	0.69	[0.68-0.71]	0.0073	0.65	0.66	0.65
		AE	0.76	[0.75-0.77]	0.0067	0.7	0.71	0.7
		LASSO	0.69	[0.68-0.71]	0.0066	0.56	0.78	0.53
		LDA	0.66	[0.64-0.67]	0.0076	0.59	0.65	0.58
		LR	0.68	[0.66-0.69]	0.0067	0.55	0.75	0.53
		NB	0.64	[0.63-0.65]	0.0058	0.53	0.75	0.5
		RF	0.72	[0.7-0.73]	0.0071	0.66	0.69	0.65
Center_12	ANOVA	AB	0.73	[0.71-0.74]	0.0074	0.68	0.68	0.68
		AE	0.75	[0.74-0.76]	0.0066	0.69	0.68	0.69
		LASSO	0.74	[0.73-0.75]	0.0066	0.68	0.69	0.68
		LDA	0.67	[0.66-0.68]	0.007	0.65	0.67	0.65
		LR	0.75	[0.74-0.77]	0.0071	0.72	0.67	0.72
		NB	0.73	[0.71-0.74]	0.0068	0.68	0.7	0.67
		RF	0.65	[0.63-0.66]	0.0082	0.59	0.62	0.58
	KW	AB	0.71	[0.7-0.73]	0.0071	0.59	0.73	0.57
		AE	0.74	[0.73-0.76]	0.0066	0.67	0.73	0.66
		LASSO	0.69	[0.68-0.7]	0.0071	0.66	0.67	0.65
		LDA	0.61	[0.59-0.62]	0.0073	0.55	0.67	0.53
		LR	0.69	[0.68-0.71]	0.0071	0.66	0.67	0.66
		NB	0.79	[0.77-0.8]	0.0063	0.74	0.7	0.75
		RF	0.64	[0.62-0.66]	0.0081	0.56	0.63	0.55
	Relief	AB	0.69	[0.68-0.71]	0.0077	0.59	0.71	0.58

		AE	0.7	[0.69-0.72]	0.0075	0.65	0.68	0.64
		LASSO	0.71	[0.69-0.72]	0.0068	0.63	0.72	0.62
		LDA	0.65	[0.63-0.66]	0.0068	0.61	0.65	0.61
		LR	0.65	[0.64-0.67]	0.0071	0.59	0.7	0.58
		NB	0.6	[0.59-0.62]	0.0083	0.7	0.45	0.73
		RF	0.63	[0.62-0.65]	0.0083	0.59	0.59	0.59
	RFE	AB	0.67	[0.66-0.69]	0.007	0.56	0.74	0.53
		AE	0.71	[0.69-0.72]	0.0069	0.62	0.68	0.61
		LASSO	0.73	[0.71-0.74]	0.0069	0.67	0.7	0.67
		LDA	0.66	[0.64-0.67]	0.0072	0.6	0.66	0.59
		LR	0.75	[0.74-0.76]	0.0073	0.73	0.66	0.74
		NB	0.61	[0.59-0.62]	0.008	0.57	0.6	0.56
		RF	0.68	[0.67-0.7]	0.0075	0.63	0.66	0.62
Center_13	ANOVA	AB	0.76	[0.74-0.77]	0.0065	0.67	0.69	0.67
		AE	0.74	[0.73-0.76]	0.0068	0.73	0.64	0.74
		LASSO	0.8	[0.79-0.81]	0.0059	0.73	0.75	0.72
		LDA	0.78	[0.77-0.8]	0.0061	0.74	0.71	0.74
		LR	0.8	[0.79-0.81]	0.0058	0.73	0.75	0.73
		NB	0.73	[0.72-0.75]	0.0061	0.67	0.71	0.67
		RF	0.78	[0.76-0.79]	0.0062	0.7	0.71	0.7
	KW	AB	0.76	[0.75-0.77]	0.0066	0.68	0.7	0.68
		AE	0.75	[0.74-0.76]	0.0064	0.6	0.79	0.58
		LASSO	0.8	[0.79-0.81]	0.0057	0.71	0.74	0.7
		LDA	0.79	[0.78-0.8]	0.0063	0.71	0.73	0.71
		LR	0.8	[0.79-0.81]	0.0058	0.71	0.76	0.7
		NB	0.72	[0.71-0.73]	0.0062	0.66	0.72	0.65
		RF	0.77	[0.75-0.78]	0.0063	0.67	0.72	0.67
	Relief	AB	0.74	[0.72-0.75]	0.0069	0.66	0.7	0.66
		AE	0.76	[0.75-0.78]	0.0062	0.67	0.75	0.66
		LASSO	0.78	[0.76-0.79]	0.0062	0.69	0.74	0.69
		LDA	0.76	[0.75-0.77]	0.0062	0.66	0.77	0.65
		LR	0.79	[0.77-0.8]	0.0059	0.71	0.74	0.71
		NB	0.7	[0.68-0.71]	0.0071	0.75	0.56	0.77
		RF	0.75	[0.74-0.77]	0.0062	0.61	0.77	0.59
	RFE	AB	0.73	[0.72-0.74]	0.0069	0.66	0.67	0.66
		AE	0.74	[0.73-0.76]	0.007	0.67	0.72	0.67
		LASSO	0.76	[0.74-0.77]	0.0068	0.68	0.73	0.68
		LDA	0.76	[0.75-0.77]	0.0069	0.71	0.71	0.71
		LR	0.75	[0.74-0.76]	0.0068	0.68	0.72	0.68
		NB	0.69	[0.67-0.7]	0.0065	0.65	0.67	0.64
		RF	0.75	[0.74-0.76]	0.0062	0.64	0.72	0.64

Center_14	ANOVA	AB	0.75	[0.74-0.77]	0.0063	0.7	0.7	0.7
		AE	0.77	[0.76-0.78]	0.0063	0.7	0.71	0.7
		LASSO	0.78	[0.77-0.79]	0.006	0.71	0.74	0.71
		LDA	0.74	[0.73-0.75]	0.0063	0.66	0.7	0.65
		LR	0.78	[0.77-0.79]	0.006	0.71	0.74	0.71
		NB	0.75	[0.74-0.77]	0.0063	0.71	0.71	0.71
		RF	0.69	[0.68-0.71]	0.0073	0.63	0.64	0.63
	KW	AB	0.75	[0.74-0.76]	0.0065	0.68	0.71	0.68
		AE	0.77	[0.76-0.78]	0.0062	0.7	0.71	0.7
		LASSO	0.8	[0.79-0.81]	0.0057	0.72	0.75	0.72
		LDA	0.78	[0.77-0.79]	0.0061	0.71	0.72	0.7
		LR	0.8	[0.79-0.81]	0.0056	0.72	0.74	0.72
		NB	0.79	[0.78-0.81]	0.0059	0.72	0.75	0.71
		RF	0.73	[0.72-0.75]	0.0064	0.68	0.69	0.68
	Relief	AB	0.73	[0.72-0.74]	0.0064	0.62	0.75	0.61
		AE	0.77	[0.76-0.78]	0.006	0.7	0.73	0.69
		LASSO	0.78	[0.77-0.79]	0.0059	0.71	0.73	0.71
		LDA	0.74	[0.73-0.76]	0.0062	0.67	0.73	0.67
		LR	0.79	[0.78-0.8]	0.0059	0.71	0.74	0.7
		NB	0.64	[0.62-0.65]	0.0075	0.67	0.58	0.68
		RF	0.69	[0.67-0.7]	0.0072	0.59	0.68	0.58
	RFE	AB	0.72	[0.71-0.73]	0.0066	0.63	0.71	0.62
		AE	0.78	[0.77-0.79]	0.0058	0.7	0.73	0.7
		LASSO	0.77	[0.76-0.78]	0.006	0.67	0.75	0.66
		LDA	0.78	[0.77-0.79]	0.006	0.68	0.74	0.68
		LR	0.78	[0.76-0.79]	0.006	0.68	0.74	0.67
		NB	0.71	[0.69-0.72]	0.0064	0.64	0.71	0.64
		RF	0.68	[0.67-0.69]	0.0071	0.59	0.68	0.57
Center_15	ANOVA	AB	0.55	[0.54-0.57]	0.0074	0.55	0.57	0.55
		AE	0.61	[0.6-0.63]	0.007	0.57	0.6	0.56
		LASSO	0.67	[0.66-0.68]	0.0067	0.6	0.67	0.59
		LDA	0.6	[0.58-0.61]	0.0072	0.53	0.67	0.51
		LR	0.66	[0.64-0.67]	0.0069	0.57	0.69	0.56
		NB	0.71	[0.7-0.72]	0.0059	0.63	0.74	0.61
		RF	0.56	[0.54-0.57]	0.0078	0.57	0.52	0.57
	KW	AB	0.55	[0.54-0.57]	0.0074	0.54	0.59	0.54
		AE	0.56	[0.55-0.57]	0.0069	0.3	0.92	0.22
		LASSO	0.66	[0.64-0.67]	0.0078	0.59	0.67	0.58
		LDA	0.7	[0.69-0.72]	0.0071	0.64	0.68	0.63
		LR	0.68	[0.66-0.69]	0.0075	0.61	0.69	0.6
		NB	0.54	[0.52-0.56]	0.0081	0.53	0.56	0.52

		RF	0.54	[0.52-0.55]	0.0076	0.54	0.54	0.54
	Relief	AB	0.62	[0.6-0.63]	0.0068	0.53	0.71	0.5
		AE	0.6	[0.59-0.62]	0.0077	0.46	0.71	0.43
		LASSO	0.58	[0.57-0.6]	0.0078	0.56	0.57	0.56
		LDA	0.61	[0.59-0.62]	0.0073	0.56	0.62	0.55
		LR	0.64	[0.62-0.65]	0.0077	0.6	0.61	0.6
		NB	0.51	[0.49-0.52]	0.0078	0.51	0.54	0.5
		RF	0.59	[0.57-0.6]	0.0078	0.54	0.61	0.53
	RFE	AB	0.62	[0.61-0.64]	0.0061	0.57	0.73	0.55
		AE	0.56	[0.54-0.57]	0.0077	0.46	0.71	0.42
		LASSO	0.75	[0.74-0.76]	0.0059	0.6	0.8	0.57
		LDA	0.62	[0.61-0.64]	0.007	0.45	0.79	0.4
		LR	0.63	[0.61-0.64]	0.0075	0.6	0.61	0.6
		NB	0.61	[0.59-0.62]	0.0068	0.46	0.79	0.42
		RF	0.57	[0.55-0.58]	0.0074	0.52	0.62	0.51
Center_16	ANOVA	AB	0.73	[0.72-0.74]	0.0068	0.67	0.71	0.66
		AE	0.75	[0.74-0.76]	0.0062	0.61	0.81	0.58
		LASSO	0.77	[0.76-0.78]	0.0059	0.71	0.72	0.71
		LDA	0.74	[0.72-0.75]	0.0065	0.67	0.72	0.66
		LR	0.77	[0.76-0.78]	0.006	0.72	0.72	0.72
		NB	0.7	[0.69-0.72]	0.0067	0.69	0.68	0.69
		RF	0.67	[0.65-0.68]	0.0077	0.63	0.64	0.63
	KW	AB	0.73	[0.71-0.74]	0.0068	0.66	0.67	0.66
		AE	0.77	[0.75-0.78]	0.0064	0.63	0.8	0.6
		LASSO	0.79	[0.77-0.8]	0.0061	0.71	0.72	0.71
		LDA	0.79	[0.77-0.8]	0.0062	0.7	0.73	0.7
		LR	0.79	[0.78-0.8]	0.006	0.67	0.78	0.66
		NB	0.73	[0.72-0.74]	0.0067	0.69	0.71	0.69
		RF	0.63	[0.62-0.65]	0.0076	0.54	0.67	0.52
	Relief	AB	0.66	[0.64-0.67]	0.0071	0.6	0.68	0.59
		AE	0.73	[0.71-0.74]	0.0068	0.54	0.82	0.51
		LASSO	0.66	[0.65-0.67]	0.0068	0.55	0.75	0.53
		LDA	0.73	[0.71-0.74]	0.007	0.68	0.69	0.68
		LR	0.71	[0.69-0.72]	0.0069	0.62	0.72	0.61
		NB	0.57	[0.56-0.59]	0.0065	0.4	0.82	0.35
		RF	0.62	[0.61-0.64]	0.0078	0.53	0.64	0.52
	RFE	AB	0.66	[0.64-0.67]	0.0076	0.61	0.64	0.6
		AE	0.75	[0.74-0.76]	0.007	0.67	0.71	0.67
		LASSO	0.7	[0.68-0.71]	0.0072	0.65	0.67	0.65
		LDA	0.68	[0.67-0.7]	0.0076	0.62	0.64	0.62
		LR	0.69	[0.68-0.7]	0.0071	0.65	0.66	0.65

		NB	0.57	[0.56-0.59]	0.0065	0.4	0.82	0.35
		RF	0.65	[0.63-0.66]	0.0078	0.58	0.65	0.57
Center_17	ANOVA	AB	0.65	[0.64-0.67]	0.0073	0.62	0.6	0.62
		AE	0.76	[0.74-0.77]	0.0064	0.66	0.72	0.65
		LASSO	0.73	[0.71-0.74]	0.0062	0.67	0.73	0.66
		LDA	0.71	[0.69-0.72]	0.0064	0.65	0.7	0.65
		LR	0.72	[0.7-0.73]	0.0064	0.67	0.71	0.66
		NB	0.69	[0.68-0.71]	0.0069	0.67	0.68	0.67
		RF	0.56	[0.55-0.58]	0.0076	0.53	0.6	0.53
	KW	AB	0.55	[0.54-0.57]	0.0079	0.52	0.56	0.52
		AE	0.78	[0.77-0.79]	0.0063	0.67	0.77	0.66
		LASSO	0.71	[0.69-0.72]	0.0064	0.63	0.72	0.62
		LDA	0.68	[0.67-0.69]	0.0065	0.64	0.67	0.63
		LR	0.7	[0.69-0.71]	0.0063	0.63	0.71	0.62
		NB	0.69	[0.68-0.71]	0.0067	0.68	0.68	0.68
		RF	0.54	[0.53-0.56]	0.0072	0.56	0.53	0.57
	Relief	AB	0.58	[0.56-0.59]	0.008	0.53	0.58	0.52
		AE	0.74	[0.72-0.75]	0.007	0.66	0.71	0.66
		LASSO	0.64	[0.63-0.66]	0.0079	0.59	0.65	0.58
		LDA	0.63	[0.62-0.65]	0.0079	0.59	0.65	0.58
		LR	0.69	[0.67-0.7]	0.0073	0.6	0.72	0.59
		NB	0.56	[0.55-0.58]	0.0078	0.54	0.62	0.54
		RF	0.6	[0.58-0.61]	0.008	0.41	0.77	0.37
	RFE	AB	0.56	[0.55-0.58]	0.0079	0.54	0.6	0.53
		AE	0.76	[0.74-0.77]	0.0065	0.67	0.74	0.66
		LASSO	0.7	[0.68-0.71]	0.0065	0.66	0.7	0.66
		LDA	0.68	[0.66-0.69]	0.0067	0.64	0.7	0.63
		LR	0.72	[0.71-0.73]	0.0063	0.66	0.73	0.65
		NB	0.57	[0.55-0.58]	0.0067	0.39	0.82	0.34
		RF	0.58	[0.56-0.59]	0.0074	0.57	0.58	0.57
Center_18	ANOVA	AB	0.74	[0.73-0.75]	0.0069	0.76	0.62	0.78
		AE	0.71	[0.69-0.72]	0.0067	0.64	0.69	0.63
		LASSO	0.77	[0.76-0.79]	0.0062	0.73	0.7	0.74
		LDA	0.75	[0.74-0.77]	0.0065	0.67	0.73	0.67
		LR	0.77	[0.76-0.78]	0.0062	0.74	0.68	0.75
		NB	0.77	[0.76-0.79]	0.0061	0.71	0.73	0.71
		RF	0.76	[0.74-0.77]	0.0065	0.7	0.71	0.69
	KW	AB	0.69	[0.68-0.71]	0.007	0.57	0.73	0.55
		AE	0.71	[0.7-0.73]	0.0067	0.66	0.66	0.66
		LASSO	0.75	[0.74-0.77]	0.0064	0.69	0.71	0.69
		LDA	0.62	[0.61-0.63]	0.0066	0.53	0.74	0.51

		LR	0.58	[0.56-0.59]	0.0066	0.53	0.7	0.5
		NB	0.76	[0.75-0.77]	0.0058	0.71	0.72	0.71
		RF	0.69	[0.68-0.71]	0.0072	0.6	0.69	0.59
	Relief	AB	0.56	[0.55-0.58]	0.0076	0.57	0.58	0.57
		AE	0.74	[0.73-0.75]	0.0066	0.68	0.68	0.68
		LASSO	0.58	[0.56-0.59]	0.0073	0.54	0.63	0.52
		LDA	0.66	[0.65-0.67]	0.0073	0.61	0.64	0.6
		LR	0.67	[0.66-0.69]	0.0067	0.62	0.64	0.62
		NB	0.56	[0.54-0.57]	0.0075	0.56	0.61	0.55
		RF	0.68	[0.67-0.69]	0.0072	0.61	0.65	0.61
	RFE	AB	0.7	[0.68-0.71]	0.0072	0.62	0.68	0.61
		AE	0.72	[0.71-0.74]	0.0069	0.67	0.68	0.66
		LASSO	0.57	[0.56-0.58]	0.0067	0.53	0.68	0.51
		LDA	0.62	[0.61-0.63]	0.0067	0.59	0.65	0.58
		LR	0.57	[0.56-0.58]	0.0067	0.53	0.7	0.5
		NB	0.63	[0.62-0.64]	0.0065	0.53	0.73	0.5
		RF	0.69	[0.67-0.7]	0.0069	0.62	0.68	0.61
Center_19	ANOVA	AB	0.66	[0.64-0.67]	0.0079	0.64	0.6	0.65
		AE	0.67	[0.66-0.69]	0.0071	0.47	0.83	0.43
		LASSO	0.71	[0.7-0.72]	0.0069	0.65	0.7	0.64
		LDA	0.75	[0.74-0.77]	0.007	0.71	0.7	0.71
		LR	0.73	[0.71-0.74]	0.0072	0.69	0.66	0.69
		NB	0.72	[0.7-0.73]	0.0069	0.66	0.7	0.65
		RF	0.58	[0.57-0.6]	0.0077	0.41	0.78	0.36
	KW	AB	0.63	[0.61-0.64]	0.0072	0.53	0.69	0.5
		AE	0.63	[0.62-0.65]	0.0075	0.58	0.65	0.57
		LASSO	0.74	[0.73-0.76]	0.0066	0.69	0.71	0.69
		LDA	0.74	[0.73-0.75]	0.0066	0.68	0.7	0.68
		LR	0.61	[0.6-0.62]	0.0069	0.58	0.67	0.57
		NB	0.74	[0.73-0.76]	0.0067	0.69	0.71	0.69
		RF	0.55	[0.54-0.57]	0.0075	0.36	0.82	0.29
	Relief	AB	0.62	[0.61-0.64]	0.0079	0.57	0.61	0.56
		AE	0.73	[0.71-0.74]	0.0067	0.66	0.69	0.65
		LASSO	0.61	[0.6-0.63]	0.007	0.51	0.77	0.47
		LDA	0.66	[0.64-0.68]	0.0081	0.64	0.64	0.64
		LR	0.58	[0.56-0.59]	0.0069	0.45	0.8	0.41
		NB	0.51	[0.49-0.52]	0.0078	0.51	0.53	0.5
		RF	0.55	[0.54-0.57]	0.0071	0.53	0.59	0.53
	RFE	AB	0.66	[0.64-0.67]	0.007	0.56	0.7	0.54
		AE	0.65	[0.64-0.67]	0.0071	0.59	0.67	0.58
		LASSO	0.66	[0.64-0.67]	0.007	0.54	0.75	0.51

	LDA	0.64	[0.63-0.66]	0.0072	0.53	0.75	0.5
	LR	0.67	[0.66-0.68]	0.0069	0.55	0.74	0.53
	NB	0.63	[0.62-0.64]	0.0067	0.53	0.75	0.5
	RF	0.53	[0.51-0.54]	0.0073	0.52	0.57	0.52

Supplemental Table 13. Classification performance indices of different feature selector and classifiers in Strategy ~~12~~9 for each center.

Center	FS	Classifier	AUC	95% CIs	Std	Acc	Sen	Spe
Center_01	ANOVA	AB	0.65	[0.55-0.74]	0.0491	0.62	0.65	0.62
		AE	0.64	[0.54-0.74]	0.051	0.61	0.65	0.59
		LASSO	0.64	[0.54-0.74]	0.0523	0.61	0.62	0.61
		LDA	0.64	[0.54-0.74]	0.0517	0.61	0.65	0.6
		LR	0.64	[0.54-0.74]	0.0523	0.61	0.62	0.61
		NB	0.65	[0.55-0.76]	0.0519	0.68	0.57	0.72
		RF	0.64	[0.54-0.74]	0.0509	0.66	0.65	0.66
	KW	AB	0.63	[0.53-0.74]	0.0529	0.59	0.68	0.56
		AE	0.63	[0.53-0.74]	0.0542	0.61	0.65	0.6
		LASSO	0.64	[0.53-0.74]	0.0516	0.57	0.72	0.51
		LDA	0.64	[0.53-0.74]	0.0518	0.57	0.7	0.52
		LR	0.62	[0.52-0.72]	0.0533	0.59	0.62	0.58
		NB	0.65	[0.55-0.75]	0.0517	0.68	0.57	0.72
		RF	0.6	[0.5-0.71]	0.0543	0.57	0.65	0.54
	Relief	AB	0.64	[0.53-0.74]	0.0533	0.58	0.75	0.52
		AE	0.61	[0.5-0.71]	0.0554	0.58	0.68	0.54
		LASSO	0.62	[0.5-0.72]	0.0537	0.62	0.62	0.62
		LDA	0.61	[0.49-0.72]	0.0555	0.61	0.62	0.61
		LR	0.67	[0.57-0.76]	0.0498	0.66	0.68	0.65
		NB	0.65	[0.54-0.75]	0.0519	0.68	0.57	0.71
		RF	0.6	[0.49-0.71]	0.0557	0.6	0.68	0.57
	RFE	AB	0.64	[0.54-0.73]	0.0496	0.57	0.75	0.51
		AE	0.63	[0.52-0.73]	0.0527	0.57	0.7	0.53
		LASSO	0.65	[0.55-0.76]	0.0531	0.76	0.35	0.9
		LDA	0.63	[0.52-0.74]	0.0553	0.57	0.75	0.5
		LR	0.63	[0.52-0.74]	0.0535	0.62	0.65	0.61
		NB	0.67	[0.56-0.76]	0.0506	0.66	0.62	0.68
		RF	0.61	[0.51-0.72]	0.0541	0.59	0.7	0.54
Center_02	ANOVA	AB	0.86	[0.8-0.9]	0.0244	0.8	0.87	0.74
		AE	0.86	[0.8-0.9]	0.0252	0.8	0.81	0.8
		LASSO	0.86	[0.8-0.9]	0.0253	0.81	0.82	0.8
		LDA	0.85	[0.8-0.9]	0.0248	0.8	0.81	0.8
		LR	0.85	[0.8-0.9]	0.0251	0.8	0.81	0.79
		NB	0.84	[0.78-0.88]	0.0258	0.78	0.68	0.86
		RF	0.93	[0.89-0.96]	0.018	0.85	0.9	0.81
	KW	AB	0.86	[0.8-0.9]	0.0244	0.79	0.83	0.76
		AE	0.86	[0.8-0.9]	0.0247	0.79	0.79	0.79
		LASSO	0.86	[0.8-0.9]	0.0246	0.79	0.82	0.77

		LDA	0.85	[0.79-0.9]	0.0257	0.79	0.79	0.79
		LR	0.85	[0.79-0.9]	0.0259	0.8	0.82	0.79
		NB	0.84	[0.78-0.89]	0.0256	0.77	0.79	0.76
		RF	0.93	[0.9-0.96]	0.0162	0.85	0.9	0.82
	Relief	AB	0.86	[0.81-0.9]	0.0239	0.81	0.83	0.79
		AE	0.85	[0.8-0.9]	0.0252	0.79	0.82	0.77
		LASSO	0.85	[0.8-0.9]	0.0252	0.8	0.82	0.79
		LDA	0.84	[0.79-0.89]	0.0258	0.8	0.81	0.79
		LR	0.84	[0.78-0.89]	0.0265	0.78	0.85	0.74
		NB	0.82	[0.76-0.87]	0.0266	0.76	0.77	0.75
		RF	0.93	[0.89-0.96]	0.0163	0.86	0.89	0.84
	RFE	AB	0.86	[0.8-0.9]	0.0248	0.8	0.81	0.8
		AE	0.86	[0.8-0.9]	0.0244	0.77	0.79	0.76
		LASSO	0.86	[0.8-0.91]	0.0246	0.81	0.82	0.8
		LDA	0.86	[0.81-0.9]	0.0247	0.81	0.83	0.81
		LR	0.85	[0.79-0.9]	0.0254	0.78	0.82	0.76
		NB	0.82	[0.77-0.87]	0.0261	0.74	0.79	0.71
		RF	0.92	[0.88-0.96]	0.0185	0.87	0.87	0.86
Center_03	ANOVA	AB	0.97	[0.95-0.99]	0.0108	0.96	1	0.96
		AE	0.97	[0.95-0.99]	0.0108	0.95	1	0.95
		LASSO	0.97	[0.94-0.99]	0.0144	0.93	1	0.93
		LDA	0.96	[0.93-0.99]	0.015	0.92	1	0.92
		LR	0.96	[0.92-0.99]	0.0176	0.91	1	0.9
		NB	0.96	[0.93-0.98]	0.015	0.92	1	0.91
		RF	0.95	[0.92-0.97]	0.0144	0.92	1	0.92
	KW	AB	0.95	[0.91-0.98]	0.0195	0.89	1	0.89
		AE	0.96	[0.93-0.99]	0.015	0.92	1	0.92
		LASSO	0.96	[0.93-0.99]	0.0153	0.92	1	0.92
		LDA	0.96	[0.92-0.99]	0.0161	0.93	1	0.93
		LR	0.94	[0.89-0.98]	0.0236	0.87	1	0.87
		NB	0.95	[0.91-0.99]	0.0186	0.92	1	0.91
		RF	0.95	[0.91-0.98]	0.0164	0.91	1	0.91
	Relief	AB	0.95	[0.9-0.99]	0.0238	0.88	1	0.88
		AE	0.98	[0.95-1]	0.0113	0.95	1	0.95
		LASSO	0.95	[0.91-0.99]	0.019	0.92	1	0.91
		LDA	0.96	[0.92-0.99]	0.0167	0.91	1	0.91
		LR	0.95	[0.89-0.99]	0.0256	0.87	1	0.86
		NB	0.73	[0.31-0.97]	0.184	0.77	0.8	0.77
		RF	0.95	[0.89-0.99]	0.025	0.87	1	0.86
	RFE	AB	0.87	[0.73-0.98]	0.0609	0.71	1	0.7
		AE	0.95	[0.91-0.98]	0.0202	0.89	1	0.89

		LASSO	0.95	[0.9-0.99]	0.0242	0.89	1	0.89
		LDA	0.97	[0.93-0.99]	0.0151	0.92	1	0.92
		LR	0.95	[0.91-0.99]	0.0181	0.92	1	0.92
		NB	0.72	[0.3-0.96]	0.188	0.8	0.8	0.8
		RF	0.95	[0.9-0.98]	0.0217	0.88	1	0.88
Center_04	ANOVA	AB	0.87	[0.82-0.9]	0.0204	0.79	0.87	0.76
		AE	0.87	[0.83-0.91]	0.0197	0.81	0.85	0.8
		LASSO	0.86	[0.82-0.9]	0.0198	0.79	0.86	0.77
		LDA	0.86	[0.83-0.9]	0.0191	0.8	0.87	0.78
		LR	0.86	[0.82-0.9]	0.0201	0.79	0.87	0.77
		NB	0.86	[0.81-0.9]	0.0213	0.79	0.85	0.78
		RF	0.88	[0.85-0.92]	0.0181	0.84	0.85	0.83
	KW	AB	0.87	[0.83-0.91]	0.02	0.79	0.85	0.78
		AE	0.88	[0.84-0.91]	0.0192	0.77	0.92	0.73
		LASSO	0.86	[0.82-0.9]	0.0206	0.76	0.89	0.73
		LDA	0.86	[0.82-0.9]	0.0202	0.8	0.85	0.79
		LR	0.86	[0.82-0.9]	0.0202	0.76	0.92	0.71
		NB	0.86	[0.82-0.9]	0.0208	0.75	0.93	0.7
		RF	0.88	[0.84-0.91]	0.018	0.8	0.88	0.78
	Relief	AB	0.86	[0.82-0.9]	0.0211	0.77	0.87	0.74
		AE	0.88	[0.84-0.91]	0.0192	0.78	0.9	0.74
		LASSO	0.88	[0.84-0.92]	0.0188	0.79	0.89	0.75
		LDA	0.87	[0.83-0.91]	0.0194	0.79	0.89	0.76
		LR	0.87	[0.84-0.91]	0.0194	0.78	0.9	0.74
		NB	0.84	[0.79-0.89]	0.0242	0.79	0.82	0.78
		RF	0.87	[0.83-0.91]	0.02	0.78	0.94	0.73
	RFE	AB	0.87	[0.83-0.91]	0.0196	0.79	0.88	0.76
		AE	0.88	[0.84-0.92]	0.0187	0.76	0.89	0.73
		LASSO	0.87	[0.83-0.9]	0.0199	0.79	0.87	0.76
		LDA	0.87	[0.83-0.91]	0.0203	0.82	0.83	0.81
		LR	0.86	[0.82-0.9]	0.02	0.8	0.85	0.79
		NB	0.87	[0.82-0.9]	0.0206	0.81	0.85	0.8
		RF	0.88	[0.84-0.91]	0.0186	0.75	0.95	0.7
Center_05	ANOVA	AB	0.78	[0.72-0.84]	0.0289	0.73	0.75	0.72
		AE	0.84	[0.79-0.89]	0.024	0.79	0.86	0.77
		LASSO	0.82	[0.77-0.87]	0.025	0.77	0.79	0.77
		LDA	0.81	[0.75-0.86]	0.0266	0.75	0.82	0.74
		LR	0.82	[0.76-0.87]	0.0259	0.77	0.81	0.77
		NB	0.8	[0.74-0.85]	0.0268	0.76	0.81	0.75
		RF	0.79	[0.73-0.84]	0.028	0.74	0.77	0.74
	KW	AB	0.82	[0.77-0.86]	0.0244	0.7	0.88	0.66

		AE	0.85	[0.8-0.89]	0.023	0.79	0.86	0.77
		LASSO	0.83	[0.77-0.87]	0.0255	0.75	0.85	0.72
		LDA	0.81	[0.76-0.87]	0.0258	0.73	0.81	0.72
		LR	0.82	[0.77-0.87]	0.0252	0.77	0.78	0.77
		NB	0.81	[0.76-0.86]	0.0261	0.78	0.78	0.78
		RF	0.81	[0.75-0.85]	0.0252	0.69	0.92	0.63
	Relief	AB	0.79	[0.73-0.84]	0.0288	0.68	0.82	0.65
		AE	0.84	[0.79-0.89]	0.0232	0.76	0.88	0.73
		LASSO	0.82	[0.77-0.86]	0.026	0.75	0.79	0.73
		LDA	0.8	[0.74-0.85]	0.0283	0.73	0.81	0.71
		LR	0.79	[0.74-0.84]	0.0261	0.74	0.75	0.73
		NB	0.8	[0.74-0.85]	0.0282	0.78	0.78	0.78
		RF	0.79	[0.74-0.84]	0.0276	0.72	0.77	0.71
	RFE	AB	0.81	[0.75-0.86]	0.0279	0.74	0.86	0.72
		AE	0.86	[0.81-0.9]	0.0229	0.78	0.89	0.76
		LASSO	0.83	[0.78-0.88]	0.0249	0.72	0.89	0.68
		LDA	0.81	[0.76-0.87]	0.027	0.7	0.88	0.66
		LR	0.81	[0.76-0.86]	0.0259	0.77	0.79	0.77
		NB	0.81	[0.76-0.86]	0.0259	0.79	0.79	0.78
		RF	0.81	[0.76-0.86]	0.0257	0.7	0.85	0.67
Center_06	ANOVA	AB	0.79	[0.74-0.83]	0.0224	0.72	0.8	0.67
		AE	0.8	[0.75-0.84]	0.0212	0.73	0.79	0.7
		LASSO	0.82	[0.78-0.87]	0.022	0.76	0.78	0.76
		LDA	0.81	[0.77-0.85]	0.0221	0.76	0.79	0.74
		LR	0.82	[0.78-0.87]	0.0219	0.76	0.78	0.76
		NB	0.81	[0.77-0.85]	0.0215	0.74	0.78	0.71
		RF	0.79	[0.74-0.83]	0.0226	0.72	0.73	0.71
	KW	AB	0.8	[0.75-0.84]	0.0221	0.73	0.77	0.7
		AE	0.81	[0.76-0.85]	0.022	0.74	0.78	0.71
		LASSO	0.81	[0.76-0.85]	0.0221	0.74	0.76	0.73
		LDA	0.83	[0.78-0.87]	0.0216	0.77	0.78	0.76
		LR	0.82	[0.77-0.86]	0.0216	0.74	0.82	0.69
		NB	0.81	[0.77-0.85]	0.0216	0.73	0.84	0.65
		RF	0.8	[0.76-0.84]	0.0221	0.71	0.8	0.66
	Relief	AB	0.76	[0.72-0.81]	0.0241	0.69	0.86	0.58
		AE	0.76	[0.71-0.8]	0.0253	0.71	0.75	0.69
		LASSO	0.73	[0.68-0.78]	0.0255	0.68	0.76	0.63
		LDA	0.83	[0.79-0.87]	0.0206	0.76	0.78	0.75
		LR	0.74	[0.7-0.79]	0.0251	0.7	0.72	0.68
		NB	0.62	[0.56-0.68]	0.0289	0.62	0.59	0.65
		RF	0.78	[0.73-0.82]	0.0233	0.72	0.77	0.69

		AB	0.81	[0.76-0.85]	0.0227	0.75	0.84	0.69
		AE	0.83	[0.79-0.87]	0.0203	0.76	0.81	0.74
		LASSO	0.85	[0.81-0.89]	0.0198	0.78	0.82	0.76
	RFE	LDA	0.82	[0.77-0.86]	0.022	0.75	0.8	0.72
		LR	0.85	[0.81-0.89]	0.0198	0.78	0.83	0.75
		NB	0.82	[0.77-0.86]	0.0217	0.76	0.79	0.74
		RF	0.8	[0.76-0.84]	0.0217	0.71	0.76	0.69
Center_07	ANOVA	AB	0.86	[0.77-0.94]	0.0438	0.8	0.85	0.8
		AE	0.85	[0.76-0.93]	0.0439	0.8	0.81	0.8
		LASSO	0.84	[0.74-0.93]	0.0468	0.79	0.81	0.79
		LDA	0.85	[0.74-0.93]	0.0468	0.82	0.81	0.82
		LR	0.86	[0.77-0.93]	0.0406	0.83	0.81	0.83
		NB	0.82	[0.73-0.91]	0.0473	0.79	0.81	0.79
		RF	0.86	[0.77-0.93]	0.0418	0.78	0.85	0.77
	KW	AB	0.86	[0.77-0.94]	0.046	0.83	0.85	0.83
		AE	0.86	[0.77-0.93]	0.0384	0.64	0.96	0.63
		LASSO	0.83	[0.72-0.93]	0.0528	0.79	0.81	0.79
		LDA	0.84	[0.75-0.92]	0.0461	0.79	0.81	0.79
		LR	0.86	[0.77-0.93]	0.0415	0.84	0.81	0.84
		NB	0.82	[0.72-0.91]	0.0485	0.79	0.81	0.79
		RF	0.87	[0.78-0.94]	0.0414	0.77	0.88	0.76
	Relief	AB	0.87	[0.79-0.93]	0.033	0.8	0.81	0.8
		AE	0.85	[0.77-0.93]	0.0412	0.75	0.85	0.74
		LASSO	0.86	[0.76-0.93]	0.0442	0.8	0.81	0.8
		LDA	0.86	[0.77-0.93]	0.04	0.8	0.81	0.8
		LR	0.86	[0.77-0.93]	0.0395	0.79	0.81	0.79
		NB	0.81	[0.7-0.91]	0.0528	0.75	0.81	0.74
		RF	0.87	[0.79-0.93]	0.0349	0.81	0.81	0.81
	RFE	AB	0.87	[0.77-0.95]	0.0457	0.83	0.85	0.83
		AE	0.86	[0.77-0.93]	0.0397	0.78	0.81	0.77
		LASSO	0.85	[0.75-0.93]	0.0453	0.78	0.81	0.78
		LDA	0.83	[0.74-0.92]	0.0466	0.73	0.85	0.72
		LR	0.86	[0.76-0.93]	0.0416	0.85	0.77	0.86
		NB	0.81	[0.71-0.91]	0.0514	0.77	0.81	0.76
		RF	0.87	[0.78-0.93]	0.0402	0.8	0.81	0.8
Center_08	ANOVA	AB	0.72	[0.66-0.78]	0.0282	0.67	0.7	0.66
		AE	0.72	[0.67-0.78]	0.0293	0.68	0.69	0.67
		LASSO	0.73	[0.67-0.79]	0.0283	0.73	0.6	0.76
		LDA	0.73	[0.67-0.78]	0.0285	0.71	0.63	0.73
		LR	0.73	[0.68-0.79]	0.0282	0.71	0.63	0.73
		NB	0.69	[0.63-0.75]	0.0303	0.68	0.65	0.68

		RF	0.73	[0.67-0.78]	0.0287	0.68	0.73	0.66
	KW	AB	0.73	[0.67-0.78]	0.0269	0.66	0.69	0.65
		AE	0.74	[0.68-0.79]	0.0281	0.67	0.73	0.66
		LASSO	0.73	[0.68-0.79]	0.028	0.79	0.54	0.85
		LDA	0.74	[0.68-0.79]	0.0274	0.68	0.7	0.67
		LR	0.72	[0.67-0.78]	0.0288	0.79	0.5	0.86
		NB	0.7	[0.64-0.75]	0.0298	0.73	0.59	0.76
		RF	0.72	[0.67-0.78]	0.029	0.65	0.74	0.63
	Relief	AB	0.73	[0.67-0.78]	0.0285	0.61	0.79	0.57
		AE	0.73	[0.68-0.79]	0.0272	0.67	0.75	0.65
		LASSO	0.73	[0.68-0.79]	0.028	0.68	0.72	0.67
		LDA	0.74	[0.69-0.79]	0.0265	0.58	0.84	0.52
		LR	0.73	[0.67-0.78]	0.028	0.69	0.69	0.69
		NB	0.69	[0.63-0.75]	0.0307	0.76	0.55	0.8
		RF	0.72	[0.66-0.77]	0.0275	0.62	0.75	0.59
	RFE	AB	0.73	[0.67-0.78]	0.0282	0.69	0.69	0.69
		AE	0.75	[0.69-0.8]	0.0264	0.69	0.7	0.69
		LASSO	0.74	[0.68-0.79]	0.0282	0.79	0.52	0.86
		LDA	0.71	[0.65-0.77]	0.029	0.59	0.76	0.56
		LR	0.72	[0.66-0.77]	0.029	0.67	0.7	0.67
		NB	0.69	[0.62-0.75]	0.0308	0.75	0.55	0.8
		RF	0.73	[0.67-0.78]	0.0275	0.62	0.79	0.58
Center_09	ANOVA	AB	0.75	[0.6-0.87]	0.0692	0.76	0.72	0.76
		AE	0.78	[0.63-0.9]	0.0677	0.81	0.72	0.82
		LASSO	0.77	[0.62-0.89]	0.0702	0.74	0.78	0.74
		LDA	0.78	[0.63-0.9]	0.0669	0.82	0.72	0.82
		LR	0.76	[0.61-0.88]	0.0694	0.85	0.67	0.86
		NB	0.8	[0.66-0.9]	0.0627	0.71	0.83	0.71
		RF	0.72	[0.57-0.85]	0.0733	0.68	0.72	0.68
	KW	AB	0.77	[0.66-0.87]	0.0529	0.56	0.89	0.55
		AE	0.79	[0.66-0.9]	0.0602	0.81	0.67	0.81
		LASSO	0.78	[0.62-0.91]	0.0728	0.7	0.83	0.7
		LDA	0.83	[0.73-0.92]	0.0469	0.57	0.94	0.56
		LR	0.75	[0.59-0.88]	0.0745	0.87	0.67	0.87
		NB	0.77	[0.64-0.89]	0.0618	0.7	0.83	0.7
		RF	0.73	[0.59-0.86]	0.0717	0.86	0.56	0.87
	Relief	AB	0.75	[0.61-0.87]	0.0642	0.56	0.89	0.55
		AE	0.79	[0.64-0.91]	0.0648	0.72	0.78	0.72
		LASSO	0.81	[0.7-0.91]	0.0554	0.74	0.78	0.74
		LDA	0.83	[0.74-0.92]	0.0455	0.69	0.83	0.69
		LR	0.77	[0.61-0.9]	0.0715	0.74	0.83	0.74

		NB	0.71	[0.56-0.83]	0.0726	0.64	0.78	0.63
		RF	0.74	[0.59-0.86]	0.0693	0.66	0.83	0.66
	RFE	AB	0.77	[0.64-0.88]	0.0611	0.65	0.83	0.65
		AE	0.79	[0.65-0.9]	0.0629	0.62	0.89	0.61
		LASSO	0.79	[0.65-0.91]	0.0646	0.7	0.83	0.69
		LDA	0.84	[0.74-0.92]	0.0449	0.71	0.83	0.7
		LR	0.77	[0.64-0.89]	0.0624	0.85	0.67	0.85
		NB	0.74	[0.58-0.87]	0.0753	0.71	0.72	0.71
		RF	0.76	[0.63-0.87]	0.0619	0.63	0.83	0.62
Center_10	ANOVA	AB	0.74	[0.68-0.79]	0.0277	0.7	0.73	0.69
		AE	0.71	[0.65-0.77]	0.0306	0.69	0.73	0.69
		LASSO	0.72	[0.66-0.78]	0.0305	0.7	0.7	0.7
		LDA	0.71	[0.65-0.77]	0.0302	0.69	0.73	0.69
		LR	0.72	[0.66-0.77]	0.03	0.7	0.73	0.69
		NB	0.69	[0.63-0.75]	0.0307	0.68	0.72	0.68
		RF	0.75	[0.7-0.8]	0.0266	0.7	0.72	0.7
	KW	AB	0.74	[0.69-0.8]	0.0265	0.71	0.71	0.7
		AE	0.73	[0.67-0.78]	0.0286	0.67	0.74	0.66
		LASSO	0.72	[0.66-0.77]	0.03	0.69	0.7	0.69
		LDA	0.71	[0.65-0.77]	0.0299	0.68	0.74	0.67
		LR	0.72	[0.66-0.77]	0.0299	0.7	0.71	0.7
		NB	0.69	[0.63-0.75]	0.0309	0.68	0.69	0.68
		RF	0.74	[0.68-0.79]	0.0269	0.67	0.72	0.66
	Relief	AB	0.72	[0.67-0.78]	0.0284	0.67	0.7	0.67
		AE	0.73	[0.67-0.78]	0.0289	0.67	0.75	0.66
		LASSO	0.72	[0.66-0.78]	0.0302	0.69	0.72	0.69
		LDA	0.72	[0.66-0.78]	0.0287	0.69	0.7	0.69
		LR	0.72	[0.66-0.77]	0.03	0.7	0.72	0.7
		NB	0.68	[0.62-0.74]	0.0307	0.66	0.72	0.65
		RF	0.75	[0.69-0.8]	0.0277	0.66	0.75	0.64
	RFE	AB	0.74	[0.69-0.79]	0.0266	0.67	0.73	0.66
		AE	0.73	[0.67-0.78]	0.0293	0.69	0.72	0.69
		LASSO	0.71	[0.65-0.77]	0.0302	0.69	0.7	0.69
		LDA	0.71	[0.65-0.77]	0.0303	0.68	0.7	0.67
		LR	0.72	[0.66-0.77]	0.0301	0.7	0.71	0.7
		NB	0.68	[0.62-0.74]	0.0307	0.66	0.74	0.64
		RF	0.74	[0.69-0.79]	0.0276	0.65	0.75	0.63
Center_11	ANOVA	AB	0.82	[0.78-0.86]	0.0208	0.75	0.77	0.75
		AE	0.84	[0.79-0.88]	0.0209	0.76	0.81	0.75
		LASSO	0.85	[0.8-0.88]	0.0194	0.76	0.81	0.75
		LDA	0.83	[0.79-0.86]	0.0203	0.75	0.79	0.74

		LR	0.83	[0.79-0.87]	0.0206	0.77	0.77	0.76
		NB	0.81	[0.77-0.85]	0.0198	0.73	0.79	0.72
		RF	0.82	[0.77-0.86]	0.0213	0.74	0.79	0.74
	KW	AB	0.82	[0.78-0.86]	0.0205	0.73	0.79	0.72
		AE	0.84	[0.8-0.87]	0.0196	0.75	0.83	0.74
		LASSO	0.85	[0.8-0.88]	0.0193	0.74	0.83	0.73
		LDA	0.83	[0.78-0.86]	0.0205	0.7	0.85	0.68
		LR	0.83	[0.79-0.86]	0.0201	0.76	0.78	0.76
		NB	0.81	[0.77-0.85]	0.0199	0.73	0.79	0.72
		RF	0.82	[0.77-0.85]	0.0211	0.75	0.77	0.75
	Relief	AB	0.82	[0.77-0.85]	0.0207	0.71	0.83	0.69
		AE	0.84	[0.8-0.88]	0.0202	0.77	0.81	0.76
		LASSO	0.85	[0.81-0.88]	0.0196	0.76	0.82	0.76
		LDA	0.84	[0.8-0.87]	0.0193	0.74	0.83	0.73
		LR	0.83	[0.78-0.87]	0.0203	0.74	0.78	0.74
		NB	0.79	[0.75-0.83]	0.0212	0.7	0.79	0.68
		RF	0.81	[0.76-0.85]	0.0224	0.7	0.85	0.68
	RFE	AB	0.83	[0.78-0.86]	0.0196	0.76	0.77	0.76
		AE	0.84	[0.8-0.88]	0.0201	0.74	0.85	0.73
		LASSO	0.84	[0.8-0.88]	0.0199	0.75	0.82	0.74
		LDA	0.83	[0.79-0.87]	0.0204	0.75	0.81	0.74
		LR	0.82	[0.78-0.86]	0.0202	0.72	0.82	0.7
		NB	0.8	[0.76-0.84]	0.0211	0.73	0.78	0.72
		RF	0.82	[0.77-0.86]	0.0211	0.71	0.83	0.69
Center_12	ANOVA	AB	0.81	[0.77-0.86]	0.0234	0.75	0.75	0.75
		AE	0.83	[0.79-0.87]	0.0216	0.78	0.78	0.78
		LASSO	0.82	[0.78-0.86]	0.0222	0.72	0.82	0.7
		LDA	0.82	[0.77-0.86]	0.023	0.72	0.81	0.71
		LR	0.82	[0.78-0.86]	0.0222	0.72	0.85	0.7
		NB	0.81	[0.76-0.85]	0.0227	0.76	0.76	0.76
		RF	0.81	[0.76-0.85]	0.0229	0.73	0.77	0.73
	KW	AB	0.82	[0.78-0.87]	0.023	0.76	0.77	0.75
		AE	0.82	[0.78-0.86]	0.0217	0.66	0.9	0.63
		LASSO	0.82	[0.78-0.86]	0.0227	0.7	0.83	0.68
		LDA	0.81	[0.77-0.86]	0.0232	0.72	0.8	0.71
		LR	0.83	[0.78-0.87]	0.0219	0.71	0.85	0.69
		NB	0.81	[0.76-0.85]	0.0224	0.76	0.76	0.76
		RF	0.81	[0.76-0.85]	0.0227	0.72	0.78	0.71
	Relief	AB	0.82	[0.77-0.86]	0.0237	0.74	0.81	0.73
		AE	0.82	[0.78-0.87]	0.0219	0.71	0.86	0.69
		LASSO	0.82	[0.78-0.86]	0.0224	0.71	0.85	0.69

		LDA	0.82	[0.78-0.86]	0.0226	0.67	0.86	0.64
		LR	0.83	[0.78-0.87]	0.0218	0.71	0.85	0.69
		NB	0.8	[0.75-0.85]	0.0238	0.72	0.79	0.71
		RF	0.81	[0.76-0.85]	0.0237	0.71	0.81	0.69
	RFE	AB	0.82	[0.77-0.86]	0.0223	0.7	0.8	0.69
		AE	0.83	[0.78-0.87]	0.0227	0.71	0.84	0.69
		LASSO	0.82	[0.78-0.86]	0.0224	0.69	0.87	0.67
		LDA	0.82	[0.77-0.86]	0.023	0.72	0.81	0.71
		LR	0.83	[0.78-0.87]	0.0219	0.71	0.85	0.69
		NB	0.81	[0.76-0.85]	0.0231	0.72	0.78	0.71
		RF	0.82	[0.77-0.86]	0.0226	0.75	0.76	0.75
Center_13	ANOVA	AB	0.85	[0.8-0.89]	0.0217	0.78	0.79	0.78
		AE	0.86	[0.82-0.89]	0.019	0.8	0.79	0.8
		LASSO	0.86	[0.82-0.9]	0.0199	0.78	0.81	0.78
		LDA	0.86	[0.83-0.9]	0.0192	0.8	0.81	0.8
		LR	0.86	[0.83-0.9]	0.0185	0.8	0.8	0.8
		NB	0.83	[0.78-0.87]	0.023	0.74	0.8	0.73
		RF	0.83	[0.79-0.88]	0.0222	0.74	0.78	0.74
	KW	AB	0.84	[0.8-0.89]	0.0215	0.74	0.82	0.74
		AE	0.86	[0.82-0.9]	0.0192	0.73	0.87	0.72
		LASSO	0.87	[0.84-0.9]	0.0175	0.76	0.84	0.75
		LDA	0.86	[0.83-0.9]	0.0185	0.75	0.87	0.74
		LR	0.86	[0.83-0.9]	0.0183	0.77	0.83	0.76
		NB	0.83	[0.78-0.87]	0.0229	0.75	0.78	0.74
		RF	0.84	[0.79-0.88]	0.0216	0.75	0.79	0.75
	Relief	AB	0.84	[0.8-0.89]	0.022	0.78	0.8	0.77
		AE	0.86	[0.82-0.89]	0.0189	0.74	0.86	0.72
		LASSO	0.87	[0.83-0.9]	0.0176	0.77	0.83	0.76
		LDA	0.86	[0.82-0.9]	0.0185	0.79	0.8	0.79
		LR	0.86	[0.83-0.9]	0.0186	0.79	0.8	0.79
		NB	0.8	[0.75-0.85]	0.0245	0.7	0.79	0.69
		RF	0.84	[0.79-0.88]	0.0216	0.74	0.83	0.73
	RFE	AB	0.84	[0.8-0.89]	0.0233	0.76	0.8	0.76
		AE	0.86	[0.82-0.89]	0.0192	0.7	0.87	0.68
		LASSO	0.86	[0.83-0.9]	0.0189	0.76	0.84	0.75
		LDA	0.87	[0.83-0.9]	0.0171	0.77	0.83	0.77
		LR	0.86	[0.83-0.9]	0.0186	0.79	0.8	0.79
		NB	0.83	[0.78-0.87]	0.0231	0.74	0.78	0.74
		RF	0.83	[0.79-0.87]	0.0215	0.75	0.77	0.75
Center_14	ANOVA	AB	0.84	[0.8-0.88]	0.0209	0.77	0.82	0.76
		AE	0.86	[0.81-0.89]	0.0199	0.79	0.81	0.79

		LASSO	0.84	[0.79-0.89]	0.0225	0.8	0.8	0.8
		LDA	0.85	[0.8-0.89]	0.0202	0.79	0.81	0.79
		LR	0.85	[0.81-0.89]	0.0221	0.81	0.8	0.81
		NB	0.82	[0.78-0.87]	0.0243	0.81	0.76	0.81
		RF	0.86	[0.82-0.89]	0.0174	0.79	0.8	0.79
	KW	AB	0.84	[0.8-0.88]	0.0192	0.72	0.83	0.71
		AE	0.85	[0.81-0.89]	0.0212	0.8	0.8	0.8
		LASSO	0.84	[0.79-0.88]	0.0225	0.79	0.79	0.79
		LDA	0.84	[0.8-0.88]	0.0216	0.78	0.81	0.78
		LR	0.85	[0.8-0.89]	0.0224	0.81	0.81	0.81
		NB	0.83	[0.78-0.87]	0.0237	0.85	0.71	0.87
		RF	0.86	[0.82-0.9]	0.0179	0.75	0.86	0.74
	Relief	AB	0.84	[0.8-0.88]	0.0204	0.68	0.88	0.66
		AE	0.85	[0.81-0.89]	0.0211	0.78	0.81	0.78
		LASSO	0.83	[0.79-0.88]	0.0235	0.79	0.79	0.79
		LDA	0.85	[0.8-0.89]	0.0214	0.81	0.84	0.8
		LR	0.84	[0.79-0.89]	0.0231	0.75	0.84	0.74
		NB	0.8	[0.75-0.86]	0.0256	0.74	0.76	0.74
		RF	0.86	[0.83-0.89]	0.0177	0.8	0.82	0.8
	RFE	AB	0.84	[0.79-0.88]	0.0221	0.75	0.85	0.74
		AE	0.85	[0.8-0.89]	0.021	0.78	0.83	0.78
		LASSO	0.83	[0.78-0.87]	0.0234	0.74	0.81	0.73
		LDA	0.84	[0.8-0.88]	0.0212	0.79	0.8	0.78
		LR	0.84	[0.8-0.89]	0.0227	0.79	0.8	0.79
		NB	0.79	[0.73-0.84]	0.0266	0.69	0.79	0.68
		RF	0.85	[0.81-0.89]	0.0193	0.79	0.82	0.78
Center_15	ANOVA	AB	0.73	[0.57-0.86]	0.0719	0.69	0.8	0.69
		AE	0.76	[0.63-0.88]	0.0627	0.71	0.8	0.71
		LASSO	0.71	[0.56-0.84]	0.0697	0.62	0.8	0.62
		LDA	0.69	[0.5-0.86]	0.0912	0.69	0.7	0.69
		LR	0.72	[0.57-0.85]	0.0691	0.63	0.8	0.63
		NB	0.69	[0.55-0.82]	0.0671	0.77	0.6	0.78
		RF	0.74	[0.62-0.86]	0.061	0.67	0.8	0.67
	KW	AB	0.75	[0.59-0.87]	0.0667	0.7	0.8	0.7
		AE	0.77	[0.65-0.88]	0.0569	0.52	1	0.52
		LASSO	0.72	[0.58-0.86]	0.0721	0.53	0.9	0.53
		LDA	0.68	[0.48-0.85]	0.0906	0.67	0.7	0.67
		LR	0.73	[0.58-0.86]	0.0707	0.58	0.9	0.57
		NB	0.69	[0.56-0.82]	0.0669	0.77	0.6	0.77
		RF	0.73	[0.6-0.85]	0.0603	0.57	0.9	0.57
	Relief	AB	0.75	[0.61-0.86]	0.0612	0.76	0.8	0.76

		AE	0.73	[0.57-0.87]	0.0731	0.54	0.9	0.54
		LASSO	0.72	[0.58-0.85]	0.0677	0.61	0.8	0.61
		LDA	0.72	[0.55-0.86]	0.0812	0.6	0.9	0.6
		LR	0.74	[0.6-0.87]	0.0692	0.57	0.9	0.56
		NB	0.7	[0.56-0.83]	0.0668	0.7	0.7	0.7
		RF	0.73	[0.61-0.84]	0.0584	0.54	0.9	0.54
	RFE	AB	0.76	[0.64-0.85]	0.0543	0.72	0.8	0.72
		AE	0.74	[0.63-0.84]	0.0546	0.59	0.9	0.59
		LASSO	0.69	[0.55-0.82]	0.0676	0.54	0.9	0.54
		LDA	0.66	[0.48-0.81]	0.0832	0.56	0.8	0.56
		LR	0.72	[0.58-0.85]	0.0699	0.56	0.9	0.55
		NB	0.68	[0.54-0.82]	0.0678	0.75	0.6	0.75
		RF	0.74	[0.65-0.84]	0.0486	0.6	1	0.6
Center_16	ANOVA	AB	0.7	[0.65-0.75]	0.0254	0.71	0.65	0.72
		AE	0.73	[0.69-0.78]	0.0224	0.73	0.67	0.74
		LASSO	0.72	[0.67-0.77]	0.0241	0.71	0.67	0.72
		LDA	0.72	[0.67-0.76]	0.0228	0.69	0.67	0.69
		LR	0.71	[0.66-0.76]	0.0247	0.67	0.68	0.67
		NB	0.68	[0.63-0.73]	0.026	0.69	0.61	0.71
		RF	0.77	[0.73-0.81]	0.0221	0.71	0.73	0.71
	KW	AB	0.67	[0.63-0.72]	0.0247	0.86	0.39	0.92
		AE	0.72	[0.67-0.77]	0.0243	0.77	0.59	0.8
		LASSO	0.71	[0.66-0.76]	0.0247	0.84	0.48	0.89
		LDA	0.71	[0.66-0.76]	0.0244	0.85	0.48	0.9
		LR	0.71	[0.66-0.76]	0.0249	0.84	0.53	0.88
		NB	0.7	[0.65-0.75]	0.0251	0.73	0.61	0.75
		RF	0.74	[0.7-0.78]	0.0208	0.67	0.73	0.66
	Relief	AB	0.67	[0.62-0.72]	0.0244	0.65	0.65	0.65
		AE	0.72	[0.67-0.77]	0.0247	0.8	0.58	0.83
		LASSO	0.71	[0.66-0.76]	0.0243	0.85	0.46	0.91
		LDA	0.71	[0.66-0.76]	0.0247	0.78	0.57	0.81
		LR	0.71	[0.66-0.76]	0.0249	0.83	0.55	0.87
		NB	0.7	[0.65-0.75]	0.025	0.82	0.52	0.87
		RF	0.75	[0.7-0.79]	0.02	0.68	0.7	0.68
	RFE	AB	0.68	[0.63-0.73]	0.024	0.61	0.69	0.6
		AE	0.73	[0.68-0.77]	0.0235	0.83	0.52	0.87
		LASSO	0.71	[0.66-0.76]	0.0245	0.8	0.54	0.84
		LDA	0.71	[0.66-0.76]	0.0245	0.8	0.54	0.84
		LR	0.71	[0.67-0.76]	0.0248	0.76	0.63	0.77
		NB	0.69	[0.64-0.74]	0.0249	0.75	0.6	0.78
		RF	0.74	[0.7-0.78]	0.0211	0.69	0.7	0.69

Center_17	ANOVA	AB	0.69	[0.65-0.74]	0.025	0.74	0.6	0.76
		AE	0.7	[0.65-0.75]	0.0254	0.76	0.6	0.79
		LASSO	0.7	[0.65-0.75]	0.0251	0.74	0.6	0.77
		LDA	0.71	[0.66-0.76]	0.0241	0.8	0.57	0.83
		LR	0.7	[0.66-0.75]	0.0253	0.76	0.6	0.78
		NB	0.7	[0.65-0.75]	0.0252	0.76	0.6	0.78
		RF	0.77	[0.72-0.81]	0.0223	0.79	0.65	0.81
	KW	AB	0.67	[0.63-0.72]	0.0247	0.86	0.39	0.92
		AE	0.72	[0.67-0.77]	0.0243	0.77	0.59	0.8
		LASSO	0.71	[0.66-0.76]	0.0247	0.84	0.48	0.89
		LDA	0.71	[0.66-0.76]	0.0244	0.85	0.48	0.9
		LR	0.71	[0.66-0.76]	0.0249	0.84	0.53	0.88
		NB	0.7	[0.65-0.75]	0.0251	0.73	0.61	0.75
		RF	0.74	[0.7-0.78]	0.0208	0.67	0.73	0.66
	Relief	AB	0.67	[0.62-0.72]	0.0244	0.65	0.65	0.65
		AE	0.72	[0.67-0.77]	0.0247	0.8	0.58	0.83
		LASSO	0.71	[0.66-0.76]	0.0243	0.85	0.46	0.91
		LDA	0.71	[0.66-0.76]	0.0247	0.78	0.57	0.81
		LR	0.71	[0.66-0.76]	0.0249	0.83	0.55	0.87
		NB	0.7	[0.65-0.75]	0.025	0.82	0.52	0.87
		RF	0.75	[0.7-0.79]	0.02	0.68	0.7	0.68
	RFE	AB	0.68	[0.63-0.73]	0.024	0.61	0.69	0.6
		AE	0.73	[0.68-0.77]	0.0235	0.83	0.52	0.87
		LASSO	0.71	[0.66-0.76]	0.0245	0.8	0.54	0.84
		LDA	0.71	[0.66-0.76]	0.0245	0.8	0.54	0.84
		LR	0.71	[0.67-0.76]	0.0248	0.76	0.63	0.77
		NB	0.69	[0.64-0.74]	0.0249	0.75	0.6	0.78
		RF	0.74	[0.7-0.78]	0.0211	0.69	0.7	0.69
Center_18	ANOVA	AB	0.92	[0.87-0.96]	0.0232	0.83	0.91	0.83
		AE	0.91	[0.85-0.96]	0.0274	0.85	0.91	0.85
		LASSO	0.92	[0.85-0.97]	0.0298	0.86	0.85	0.86
		LDA	0.88	[0.81-0.94]	0.0338	0.79	0.85	0.79
		LR	0.92	[0.85-0.97]	0.0295	0.83	0.91	0.83
		NB	0.9	[0.84-0.96]	0.0287	0.89	0.82	0.89
		RF	0.69	[0.57-0.8]	0.0562	0.63	0.71	0.63
	KW	AB	0.92	[0.87-0.96]	0.0235	0.83	0.88	0.82
		AE	0.92	[0.86-0.96]	0.0257	0.88	0.88	0.88
		LASSO	0.91	[0.85-0.96]	0.0293	0.84	0.85	0.84
		LDA	0.89	[0.83-0.94]	0.0303	0.77	0.91	0.77
		LR	0.92	[0.86-0.97]	0.0292	0.83	0.91	0.83
		NB	0.9	[0.83-0.96]	0.0342	0.91	0.79	0.92

		RF	0.72	[0.61-0.83]	0.0559	0.77	0.62	0.78
	Relief	AB	0.94	[0.9-0.97]	0.0181	0.84	0.91	0.84
		AE	0.91	[0.85-0.95]	0.0252	0.82	0.91	0.82
		LASSO	0.91	[0.84-0.96]	0.0304	0.83	0.88	0.83
		LDA	0.88	[0.82-0.93]	0.0288	0.78	0.88	0.78
		LR	0.89	[0.84-0.94]	0.0269	0.84	0.85	0.84
		NB	0.87	[0.8-0.94]	0.0357	0.82	0.85	0.82
		RF	0.71	[0.59-0.83]	0.0593	0.93	0.47	0.94
	RFE	AB	0.91	[0.84-0.96]	0.0283	0.82	0.88	0.82
		AE	0.93	[0.87-0.97]	0.0278	0.86	0.91	0.86
		LASSO	0.9	[0.82-0.96]	0.035	0.81	0.91	0.8
		LDA	0.89	[0.82-0.95]	0.0347	0.84	0.85	0.84
		LR	0.92	[0.85-0.97]	0.0303	0.85	0.91	0.85
		NB	0.86	[0.78-0.92]	0.0369	0.82	0.82	0.82
		RF	0.73	[0.63-0.83]	0.0502	0.78	0.65	0.79
Center_19	ANOVA	AB	0.69	[0.62-0.76]	0.032	0.67	0.69	0.67
		AE	0.71	[0.65-0.77]	0.029	0.69	0.7	0.69
		LASSO	0.71	[0.65-0.77]	0.0296	0.65	0.69	0.65
		LDA	0.72	[0.66-0.78]	0.0284	0.66	0.7	0.66
		LR	0.72	[0.66-0.77]	0.0297	0.73	0.62	0.74
		NB	0.69	[0.63-0.76]	0.031	0.66	0.68	0.65
		RF	0.67	[0.62-0.73]	0.0298	0.61	0.7	0.6
	KW	AB	0.71	[0.66-0.76]	0.0277	0.69	0.63	0.7
		AE	0.71	[0.65-0.76]	0.0282	0.66	0.75	0.65
		LASSO	0.7	[0.64-0.76]	0.0302	0.64	0.72	0.63
		LDA	0.71	[0.65-0.77]	0.0304	0.65	0.71	0.65
		LR	0.71	[0.65-0.77]	0.0301	0.67	0.7	0.66
		NB	0.69	[0.63-0.75]	0.0316	0.66	0.68	0.66
		RF	0.7	[0.64-0.76]	0.0293	0.62	0.69	0.62
	Relief	AB	0.72	[0.67-0.78]	0.0276	0.59	0.77	0.57
		AE	0.72	[0.67-0.77]	0.0273	0.62	0.72	0.62
		LASSO	0.72	[0.66-0.77]	0.0285	0.53	0.83	0.52
		LDA	0.72	[0.66-0.78]	0.0296	0.56	0.82	0.54
		LR	0.72	[0.67-0.78]	0.0284	0.57	0.8	0.56
		NB	0.63	[0.57-0.7]	0.033	0.62	0.66	0.62
		RF	0.71	[0.65-0.76]	0.0295	0.65	0.7	0.64
	RFE	AB	0.72	[0.66-0.78]	0.0296	0.68	0.71	0.68
		AE	0.72	[0.67-0.78]	0.0266	0.67	0.7	0.67
		LASSO	0.72	[0.66-0.77]	0.0294	0.68	0.69	0.68
		LDA	0.71	[0.65-0.77]	0.0299	0.7	0.7	0.69
		LR	0.71	[0.65-0.77]	0.0303	0.64	0.72	0.64

	NB	0.69	[0.63-0.76]	0.031	0.66	0.68	0.66
	RF	0.7	[0.64-0.75]	0.0279	0.58	0.75	0.57

Supplemental Table 14. Classification performance indices of different feature selector and classifiers in Strategy 10 for each center.

Center	FS	Classifier	AUC	95% CIs	Std	Acc	Sen	Spe
Center_01	ANOVA	AB	0.56	[0.39-0.75]	0.0927	0.58	0.64	0.55
		AE	0.66	[0.46-0.83]	0.0946	0.73	0.79	0.71
		LASSO	0.68	[0.51-0.84]	0.0892	0.71	0.71	0.71
		LDA	0.61	[0.41-0.8]	0.1	0.67	0.64	0.68
		LR	0.66	[0.5-0.83]	0.0879	0.71	0.64	0.74
		NB	0.68	[0.51-0.85]	0.0869	0.67	0.86	0.58
		RF	0.63	[0.45-0.79]	0.0858	0.62	0.71	0.58
	KW	AB	0.68	[0.49-0.87]	0.0967	0.64	0.86	0.55
		AE	0.68	[0.49-0.86]	0.0897	0.67	0.79	0.61
		LASSO	0.73	[0.55-0.89]	0.0882	0.76	0.79	0.74
		LDA	0.67	[0.47-0.86]	0.101	0.69	0.71	0.68
		LR	0.72	[0.53-0.89]	0.0923	0.78	0.71	0.81
		NB	0.71	[0.54-0.87]	0.0865	0.69	0.86	0.61
		RF	0.68	[0.51-0.84]	0.0831	0.69	0.71	0.68
	Relief	AB	0.61	[0.43-0.8]	0.0923	0.6	0.71	0.55
		AE	0.68	[0.5-0.84]	0.0874	0.62	0.79	0.55
		LASSO	0.68	[0.5-0.85]	0.0889	0.64	0.79	0.58
		LDA	0.68	[0.5-0.85]	0.0895	0.67	0.79	0.61
		LR	0.7	[0.53-0.86]	0.087	0.69	0.79	0.65
		NB	0.73	[0.57-0.88]	0.081	0.71	0.93	0.61
		RF	0.63	[0.44-0.81]	0.0942	0.62	0.71	0.58
	RFE	AB	0.63	[0.45-0.8]	0.0898	0.67	0.79	0.61
		AE	0.69	[0.5-0.86]	0.0932	0.71	0.71	0.71
		LASSO	0.65	[0.47-0.83]	0.0903	0.67	0.71	0.65
		LDA	0.68	[0.49-0.84]	0.0884	0.67	0.79	0.61
		LR	0.66	[0.47-0.84]	0.0932	0.67	0.71	0.65
		NB	0.68	[0.51-0.85]	0.0867	0.64	0.86	0.55
		RF	0.63	[0.46-0.8]	0.0888	0.6	0.71	0.55
Center_02	ANOVA	AB	0.76	[0.65-0.87]	0.0556	0.75	0.81	0.69
		AE	0.81	[0.71-0.9]	0.0482	0.77	0.76	0.79
		LASSO	0.81	[0.71-0.9]	0.0497	0.78	0.81	0.76
		LDA	0.8	[0.7-0.9]	0.0524	0.78	0.81	0.76
		LR	0.8	[0.7-0.9]	0.0508	0.77	0.78	0.76
		NB	0.78	[0.66-0.88]	0.0529	0.77	0.78	0.76
		RF	0.75	[0.63-0.86]	0.0572	0.76	0.76	0.76
	KW	AB	0.79	[0.68-0.89]	0.0522	0.75	0.86	0.64
		AE	0.81	[0.7-0.9]	0.0485	0.77	0.78	0.76
		LASSO	0.81	[0.72-0.91]	0.0509	0.78	0.81	0.76

		LDA	0.8	[0.7-0.9]	0.0523	0.78	0.81	0.76
		LR	0.8	[0.7-0.9]	0.0509	0.77	0.78	0.76
		NB	0.78	[0.67-0.88]	0.0527	0.77	0.78	0.76
		RF	0.75	[0.64-0.86]	0.0563	0.75	0.76	0.74
	Relief	AB	0.75	[0.63-0.86]	0.0566	0.73	0.81	0.67
		AE	0.8	[0.7-0.9]	0.052	0.77	0.84	0.71
		LASSO	0.82	[0.72-0.91]	0.0497	0.77	0.89	0.67
		LDA	0.78	[0.67-0.88]	0.0542	0.76	0.84	0.69
		LR	0.81	[0.71-0.9]	0.0494	0.77	0.78	0.76
		NB	0.77	[0.66-0.87]	0.0538	0.75	0.76	0.74
		RF	0.76	[0.65-0.87]	0.0552	0.76	0.78	0.74
	RFE	AB	0.77	[0.66-0.88]	0.0538	0.73	0.78	0.69
		AE	0.81	[0.71-0.9]	0.0484	0.77	0.78	0.76
		LASSO	0.82	[0.72-0.91]	0.0496	0.8	0.81	0.79
		LDA	0.82	[0.72-0.91]	0.0501	0.81	0.86	0.76
		LR	0.82	[0.71-0.91]	0.0497	0.78	0.81	0.76
		NB	0.8	[0.69-0.89]	0.0511	0.77	0.78	0.76
		RF	0.76	[0.65-0.87]	0.0541	0.72	0.78	0.67
Center_03	ANOVA	AB	0.99	[0.98-1]	0.0075	0.99	1	0.99
		AE	0.85	[0.65-1]	0.113	0.72	1	0.71
		LASSO	0.97	[0.9-1]	0.0285	0.94	1	0.94
		LDA	0.97	[0.91-1]	0.0239	0.95	1	0.95
		LR	0.97	[0.91-1]	0.0248	0.95	1	0.95
		NB	0.97	[0.92-1]	0.0243	0.95	1	0.95
		RF	0.99	[0.97-1]	0.0082	0.99	1	0.99
	KW	AB	0.98	[0.95-1]	0.0162	0.97	1	0.97
		AE	0.71	[0.35-1]	0.221	0.99	0.5	1
		LASSO	0.96	[0.89-1]	0.0324	0.93	1	0.92
		LDA	0.99	[0.98-1]	0.0076	0.99	1	0.99
		LR	0.97	[0.9-1]	0.0284	0.94	1	0.94
		NB	0.95	[0.91-0.99]	0.0214	0.95	1	0.95
		RF	0.98	[0.94-1]	0.0165	0.97	1	0.97
	Relief	AB	0.99	[0.96-1]	0.0117	0.98	1	0.98
		AE	0.69	[0.31-1]	0.236	0.99	0.5	1
		LASSO	0.98	[0.95-1]	0.0147	0.98	1	0.98
		LDA	0.98	[0.95-1]	0.0147	0.98	1	0.98
		LR	0.98	[0.96-1]	0.0128	0.98	1	0.98
		NB	0.99	[0.96-1]	0.0121	0.98	1	0.98
		RF	1	[1-1]	0	1	1	1
	RFE	AB	0.99	[0.98-1]	0.0075	0.99	1	0.99
		AE	0.8	[0.53-1]	0.153	0.61	1	0.6

		LASSO	0.98	[0.93-1]	0.0204	0.96	1	0.96
		LDA	0.98	[0.95-1]	0.0164	0.97	1	0.97
		LR	0.97	[0.91-1]	0.0242	0.95	1	0.95
		NB	0.98	[0.95-1]	0.0154	0.97	1	0.97
		RF	1	[1-1]	0	1	1	1
Center_04	ANOVA	AB	0.91	[0.83-0.97]	0.036	0.84	0.88	0.83
		AE	0.92	[0.83-0.98]	0.0385	0.9	0.92	0.9
		LASSO	0.92	[0.84-0.97]	0.0355	0.87	0.88	0.87
		LDA	0.9	[0.81-0.96]	0.0392	0.83	0.88	0.82
		LR	0.91	[0.82-0.97]	0.0392	0.87	0.88	0.87
		NB	0.92	[0.85-0.97]	0.0325	0.86	0.92	0.85
		RF	0.92	[0.85-0.98]	0.0349	0.89	0.83	0.91
	KW	AB	0.91	[0.83-0.97]	0.0363	0.8	0.92	0.77
		AE	0.92	[0.83-0.98]	0.0377	0.85	0.88	0.84
		LASSO	0.91	[0.83-0.97]	0.0364	0.87	0.88	0.87
		LDA	0.93	[0.87-0.97]	0.0259	0.84	0.88	0.83
		LR	0.91	[0.82-0.97]	0.0393	0.87	0.88	0.87
		NB	0.92	[0.85-0.97]	0.0325	0.86	0.92	0.85
		RF	0.93	[0.86-0.98]	0.0319	0.86	0.88	0.86
	Relief	AB	0.91	[0.84-0.97]	0.0325	0.79	0.96	0.75
		AE	0.91	[0.83-0.97]	0.0347	0.83	0.88	0.82
		LASSO	0.91	[0.82-0.96]	0.0353	0.85	0.88	0.84
		LDA	0.92	[0.85-0.98]	0.0329	0.87	0.88	0.87
		LR	0.91	[0.82-0.97]	0.0386	0.87	0.88	0.87
		NB	0.92	[0.85-0.98]	0.0326	0.85	0.92	0.83
		RF	0.92	[0.84-0.97]	0.0341	0.82	0.88	0.8
	RFE	AB	0.93	[0.86-0.97]	0.0291	0.87	0.88	0.87
		AE	0.92	[0.83-0.98]	0.0375	0.81	0.92	0.78
		LASSO	0.92	[0.83-0.98]	0.0361	0.84	0.92	0.82
		LDA	0.93	[0.86-0.97]	0.0277	0.85	0.92	0.83
		LR	0.92	[0.85-0.97]	0.0336	0.87	0.88	0.87
		NB	0.92	[0.85-0.97]	0.0325	0.86	0.92	0.85
		RF	0.93	[0.87-0.98]	0.0277	0.83	0.92	0.8
Center_05	ANOVA	AB	0.86	[0.74-0.95]	0.0524	0.88	0.71	0.91
		AE	0.86	[0.78-0.93]	0.0385	0.83	0.9	0.82
		LASSO	0.82	[0.71-0.9]	0.0503	0.82	0.86	0.82
		LDA	0.84	[0.72-0.93]	0.0528	0.83	0.86	0.83
		LR	0.83	[0.72-0.91]	0.0502	0.85	0.86	0.85
		NB	0.83	[0.73-0.91]	0.0453	0.78	0.86	0.76
		RF	0.9	[0.82-0.95]	0.0343	0.82	0.9	0.81
	KW	AB	0.85	[0.74-0.94]	0.0502	0.8	0.86	0.78

		AE	0.89	[0.81-0.95]	0.0364	0.79	0.95	0.75
		LASSO	0.84	[0.74-0.92]	0.0453	0.82	0.9	0.8
		LDA	0.84	[0.74-0.92]	0.0468	0.78	0.95	0.74
		LR	0.83	[0.74-0.91]	0.0462	0.82	0.86	0.82
		NB	0.85	[0.76-0.92]	0.0409	0.78	0.9	0.75
		RF	0.9	[0.82-0.95]	0.0347	0.84	0.9	0.83
	Relief	AB	0.9	[0.82-0.96]	0.0382	0.84	0.9	0.83
		AE	0.87	[0.78-0.94]	0.0428	0.75	0.95	0.7
		LASSO	0.82	[0.71-0.9]	0.05	0.72	0.86	0.69
		LDA	0.8	[0.68-0.9]	0.0544	0.75	0.81	0.73
		LR	0.86	[0.78-0.93]	0.0384	0.82	0.86	0.82
		NB	0.77	[0.64-0.88]	0.063	0.7	0.76	0.69
		RF	0.93	[0.88-0.97]	0.0242	0.87	0.95	0.85
	RFE	AB	0.87	[0.76-0.95]	0.0479	0.75	0.95	0.7
		AE	0.88	[0.78-0.94]	0.0395	0.8	0.9	0.77
		LASSO	0.8	[0.69-0.9]	0.0563	0.68	0.9	0.62
		LDA	0.82	[0.71-0.91]	0.052	0.75	0.86	0.73
		LR	0.8	[0.68-0.91]	0.0577	0.75	0.81	0.73
		NB	0.83	[0.73-0.91]	0.0457	0.81	0.86	0.8
		RF	0.9	[0.82-0.96]	0.0329	0.83	0.86	0.83
Center_06	ANOVA	AB	0.84	[0.75-0.91]	0.0388	0.79	0.85	0.75
		AE	0.86	[0.79-0.92]	0.0347	0.79	0.83	0.76
		LASSO	0.86	[0.78-0.93]	0.036	0.82	0.83	0.82
		LDA	0.85	[0.77-0.91]	0.0367	0.8	0.87	0.75
		LR	0.87	[0.8-0.93]	0.0335	0.81	0.89	0.76
		NB	0.85	[0.77-0.91]	0.0378	0.8	0.87	0.75
		RF	0.86	[0.79-0.92]	0.0338	0.81	0.8	0.81
	KW	AB	0.83	[0.75-0.9]	0.0379	0.77	0.83	0.74
		AE	0.85	[0.77-0.91]	0.0367	0.79	0.87	0.74
		LASSO	0.87	[0.79-0.93]	0.0339	0.81	0.87	0.76
		LDA	0.86	[0.79-0.92]	0.0347	0.77	0.93	0.67
		LR	0.86	[0.78-0.92]	0.0358	0.81	0.85	0.79
		NB	0.84	[0.76-0.91]	0.0384	0.75	0.87	0.68
		RF	0.86	[0.78-0.92]	0.035	0.78	0.8	0.76
	Relief	AB	0.84	[0.76-0.9]	0.0361	0.79	0.8	0.78
		AE	0.85	[0.77-0.92]	0.0356	0.76	0.91	0.67
		LASSO	0.88	[0.81-0.94]	0.0322	0.81	0.87	0.76
		LDA	0.87	[0.8-0.93]	0.0328	0.8	0.85	0.76
		LR	0.87	[0.79-0.93]	0.0342	0.8	0.87	0.75
		NB	0.84	[0.76-0.91]	0.0389	0.79	0.85	0.75
		RF	0.87	[0.79-0.93]	0.0338	0.83	0.85	0.82

		AB	0.84	[0.76-0.91]	0.0383	0.77	0.85	0.72
		AE	0.86	[0.78-0.92]	0.0352	0.79	0.91	0.71
		LASSO	0.87	[0.79-0.93]	0.0341	0.81	0.87	0.78
	RFE	LDA	0.86	[0.78-0.92]	0.0359	0.81	0.87	0.76
		LR	0.87	[0.79-0.93]	0.0351	0.79	0.93	0.69
		NB	0.84	[0.76-0.91]	0.0402	0.79	0.83	0.76
		RF	0.87	[0.8-0.93]	0.0332	0.81	0.87	0.78
		AB	0.89	[0.8-0.96]	0.0442	0.82	0.91	0.82
		AE	0.65	[0.47-0.81]	0.0863	0.57	0.73	0.56
		LASSO	0.86	[0.71-0.98]	0.0712	0.85	0.82	0.85
	ANOVA	LDA	0.92	[0.83-0.98]	0.0396	0.88	0.91	0.88
		LR	0.92	[0.84-0.97]	0.0342	0.82	0.91	0.82
		NB	0.92	[0.85-0.98]	0.0343	0.82	0.91	0.82
		RF	0.88	[0.77-0.98]	0.0558	0.86	0.82	0.86
		AB	0.94	[0.87-0.99]	0.031	0.84	0.91	0.83
		AE	0.61	[0.45-0.77]	0.0814	0.33	1	0.27
		LASSO	0.87	[0.76-0.97]	0.0538	0.81	0.82	0.81
	KW	LDA	0.89	[0.79-0.96]	0.0435	0.8	0.82	0.79
		LR	0.87	[0.76-0.97]	0.0561	0.82	0.82	0.82
		NB	0.92	[0.85-0.98]	0.0346	0.82	0.91	0.81
Center_07		RF	0.89	[0.75-0.98]	0.0609	0.9	0.82	0.9
		AB	0.86	[0.75-0.95]	0.0511	0.79	0.91	0.78
		AE	0.8	[0.7-0.89]	0.049	0.69	0.91	0.68
		LASSO	0.92	[0.81-0.99]	0.0474	0.85	0.91	0.85
	Relief	LDA	0.89	[0.8-0.97]	0.0427	0.73	0.91	0.72
		LR	0.92	[0.83-0.99]	0.0413	0.79	0.91	0.78
		NB	0.91	[0.83-0.98]	0.0383	0.95	0.73	0.96
		RF	0.91	[0.85-0.97]	0.0318	0.75	1	0.73
		AB	0.89	[0.79-0.96]	0.0429	0.79	0.91	0.78
		AE	0.71	[0.55-0.86]	0.0764	0.54	0.91	0.51
		LASSO	0.86	[0.74-0.97]	0.0606	0.8	0.82	0.8
	RFE	LDA	0.9	[0.78-0.98]	0.0523	0.82	0.91	0.81
		LR	0.88	[0.74-0.99]	0.0645	0.88	0.82	0.88
		NB	0.9	[0.81-0.97]	0.04	0.79	0.91	0.78
		RF	0.89	[0.76-0.98]	0.0577	0.78	0.91	0.77
		AB	0.74	[0.62-0.85]	0.0574	0.71	0.81	0.7
		AE	0.7	[0.55-0.84]	0.0731	0.68	0.71	0.68
Center_08	ANOVA	LASSO	0.75	[0.6-0.88]	0.0676	0.75	0.71	0.76
		LDA	0.74	[0.61-0.86]	0.0621	0.71	0.71	0.71
		LR	0.75	[0.59-0.88]	0.0708	0.78	0.71	0.79
		NB	0.69	[0.54-0.83]	0.0724	0.69	0.67	0.69

		RF	0.76	[0.64-0.87]	0.0594	0.75	0.76	0.74
	KW	AB	0.75	[0.62-0.86]	0.062	0.71	0.71	0.71
		AE	0.69	[0.54-0.82]	0.0733	0.6	0.76	0.58
		LASSO	0.74	[0.6-0.86]	0.0649	0.64	0.81	0.61
		LDA	0.73	[0.59-0.85]	0.0643	0.6	0.81	0.57
		LR	0.75	[0.61-0.88]	0.0657	0.67	0.76	0.66
		NB	0.68	[0.54-0.82]	0.0726	0.85	0.43	0.91
		RF	0.75	[0.62-0.86]	0.0611	0.72	0.76	0.71
	Relief	AB	0.68	[0.53-0.83]	0.0764	0.62	0.81	0.59
		AE	0.7	[0.54-0.83]	0.0702	0.71	0.71	0.71
		LASSO	0.74	[0.6-0.86]	0.0645	0.6	0.86	0.56
		LDA	0.71	[0.56-0.84]	0.068	0.65	0.71	0.64
		LR	0.72	[0.57-0.86]	0.0703	0.58	0.86	0.54
		NB	0.68	[0.53-0.82]	0.0727	0.63	0.71	0.62
		RF	0.75	[0.63-0.87]	0.0586	0.69	0.71	0.69
	RFE	AB	0.76	[0.64-0.87]	0.0585	0.71	0.76	0.71
		AE	0.69	[0.54-0.83]	0.0719	0.7	0.71	0.69
		LASSO	0.73	[0.59-0.85]	0.0648	0.59	0.81	0.56
		LDA	0.74	[0.59-0.87]	0.0727	0.69	0.76	0.68
		LR	0.74	[0.59-0.87]	0.071	0.65	0.86	0.62
		NB	0.71	[0.57-0.84]	0.0703	0.66	0.71	0.66
		RF	0.74	[0.61-0.86]	0.0632	0.65	0.81	0.63
Center_09	ANOVA	AB	0.96	[0.92-1]	0.0188	0.95	1	0.94
		AB	0.96	[0.92-1]	0.0188	0.95	1	0.94
		AE	0.87	[0.75-0.98]	0.0566	0.77	1	0.77
		AE	0.87	[0.75-0.98]	0.0566	0.77	1	0.77
		LASSO	0.8	[0.63-0.97]	0.0867	0.66	1	0.66
		LASSO	0.74	[0.57-0.98]	0.11	0.63	1	0.63
		LDA	0.86	[0.64-0.99]	0.0966	0.66	1	0.66
	KW	LDA	0.86	[0.64-0.99]	0.0966	0.66	1	0.66
		LR	0.81	[0.65-1]	0.0916	0.69	1	0.68
		LR	0.81	[0.65-1]	0.0916	0.69	1	0.68
		NB	0.86	[0.67-0.99]	0.0823	0.7	1	0.7
		NB	0.86	[0.67-0.99]	0.0823	0.7	1	0.7
		RF	0.86	[0.66-0.97]	0.0849	0.66	1	0.65
		RF	0.83	[0.53-0.98]	0.13	0.96	0.67	0.96
	Relief	AB	0.83	[0.6-0.97]	0.104	0.63	1	0.62
		AE	0.87	[0.71-0.98]	0.0717	0.74	1	0.73
		LASSO	0.67	[0.48-0.96]	0.134	0.54	1	0.53
		LDA	0.81	[0.66-0.93]	0.0679	0.69	1	0.69
		LR	0.61	[0.38-0.96]	0.158	0.45	1	0.44

		NB	0.88	[0.7-0.99]	0.079	0.73	1	0.72
		RF	0.84	[0.61-0.97]	0.0992	0.93	0.67	0.93
	RFE	AB	0.96	[0.93-0.98]	0.0151	0.96	1	0.96
		AE	0.87	[0.76-0.95]	0.0476	0.79	1	0.78
		LASSO	0.61	[0.36-0.96]	0.165	0.4	1	0.39
		LDA	0.88	[0.66-0.99]	0.0958	0.68	1	0.68
		LR	0.57	[0.32-0.97]	0.182	0.36	1	0.35
		NB	0.87	[0.67-0.98]	0.0837	0.7	1	0.7
		RF	0.83	[0.59-0.97]	0.103	0.59	1	0.58
Center_10	ANOVA	AB	0.65	[0.52-0.77]	0.0647	0.61	0.68	0.61
		AE	0.64	[0.51-0.75]	0.0628	0.63	0.72	0.62
		LASSO	0.65	[0.52-0.78]	0.0651	0.66	0.68	0.66
		LDA	0.65	[0.52-0.77]	0.0647	0.65	0.68	0.64
		LR	0.65	[0.52-0.78]	0.0659	0.68	0.68	0.68
		NB	0.66	[0.53-0.77]	0.0615	0.68	0.76	0.67
		RF	0.7	[0.58-0.82]	0.0587	0.62	0.76	0.6
	KW	AB	0.63	[0.49-0.75]	0.0664	0.61	0.68	0.61
		AE	0.69	[0.56-0.82]	0.0647	0.69	0.72	0.68
		LASSO	0.65	[0.51-0.77]	0.0646	0.61	0.72	0.59
		LDA	0.64	[0.5-0.77]	0.0663	0.62	0.64	0.62
		LR	0.63	[0.49-0.76]	0.0667	0.54	0.76	0.51
		NB	0.66	[0.53-0.77]	0.0621	0.67	0.72	0.67
		RF	0.7	[0.59-0.82]	0.0579	0.67	0.68	0.67
	Relief	AB	0.5	[0.36-0.65]	0.0708	0.55	0.56	0.55
		AE	0.57	[0.44-0.7]	0.0671	0.55	0.68	0.53
		LASSO	0.58	[0.44-0.72]	0.0725	0.6	0.64	0.59
		LDA	0.56	[0.41-0.72]	0.0773	0.6	0.64	0.59
		LR	0.6	[0.47-0.74]	0.0693	0.56	0.68	0.54
		NB	0.65	[0.53-0.77]	0.0617	0.55	0.84	0.51
		RF	0.65	[0.54-0.77]	0.0595	0.55	0.76	0.52
	RFE	AB	0.67	[0.54-0.79]	0.0636	0.59	0.72	0.57
		AE	0.65	[0.53-0.79]	0.0648	0.65	0.68	0.65
		LASSO	0.61	[0.46-0.75]	0.0725	0.85	0.36	0.92
		LDA	0.57	[0.43-0.72]	0.0736	0.58	0.64	0.57
		LR	0.62	[0.47-0.76]	0.0703	0.84	0.36	0.91
		NB	0.66	[0.53-0.78]	0.0613	0.66	0.76	0.65
		RF	0.69	[0.59-0.8]	0.0529	0.58	0.76	0.55
Center_11	ANOVA	AB	0.78	[0.7-0.87]	0.0447	0.77	0.75	0.77
		AE	0.81	[0.74-0.88]	0.0376	0.73	0.82	0.72
		LASSO	0.85	[0.77-0.92]	0.0368	0.79	0.79	0.79
		LDA	0.85	[0.76-0.93]	0.0424	0.82	0.82	0.82

		LR	0.86	[0.78-0.92]	0.0369	0.84	0.79	0.85
		NB	0.82	[0.74-0.88]	0.0359	0.75	0.79	0.75
		RF	0.81	[0.72-0.89]	0.042	0.75	0.79	0.74
	KW	AB	0.77	[0.69-0.85]	0.0403	0.67	0.75	0.66
		AE	0.83	[0.75-0.89]	0.0376	0.72	0.86	0.7
		LASSO	0.84	[0.76-0.91]	0.0365	0.77	0.79	0.77
		LDA	0.83	[0.73-0.91]	0.0459	0.78	0.82	0.77
		LR	0.85	[0.76-0.91]	0.0383	0.76	0.82	0.75
		NB	0.82	[0.74-0.88]	0.0362	0.71	0.86	0.69
		RF	0.82	[0.75-0.88]	0.0367	0.69	0.86	0.67
	Relief	AB	0.8	[0.71-0.89]	0.0418	0.72	0.79	0.71
		AE	0.81	[0.73-0.88]	0.0382	0.74	0.75	0.74
		LASSO	0.83	[0.75-0.9]	0.0386	0.68	0.93	0.64
		LDA	0.85	[0.79-0.91]	0.0318	0.7	0.96	0.66
		LR	0.83	[0.75-0.9]	0.0378	0.68	0.93	0.64
		NB	0.8	[0.72-0.87]	0.0379	0.7	0.82	0.68
		RF	0.8	[0.72-0.88]	0.041	0.67	0.89	0.64
	RFE	AB	0.82	[0.75-0.89]	0.036	0.71	0.86	0.69
		AE	0.85	[0.76-0.91]	0.0368	0.69	0.89	0.66
		LASSO	0.83	[0.75-0.9]	0.0395	0.69	0.86	0.67
		LDA	0.83	[0.75-0.91]	0.0393	0.71	0.86	0.69
		LR	0.83	[0.75-0.9]	0.0388	0.64	0.93	0.61
		NB	0.81	[0.73-0.88]	0.0379	0.73	0.79	0.73
		RF	0.81	[0.73-0.88]	0.0385	0.66	0.89	0.63
Center_12	ANOVA	AB	0.76	[0.67-0.84]	0.0443	0.68	0.76	0.66
		AE	0.82	[0.74-0.89]	0.0372	0.74	0.82	0.73
		LASSO	0.84	[0.77-0.9]	0.0351	0.79	0.79	0.79
		LDA	0.83	[0.75-0.9]	0.0382	0.76	0.79	0.75
		LR	0.86	[0.8-0.91]	0.0295	0.79	0.79	0.79
		NB	0.83	[0.76-0.9]	0.0372	0.81	0.79	0.81
		RF	0.82	[0.74-0.89]	0.037	0.77	0.76	0.77
	KW	AB	0.78	[0.7-0.84]	0.0359	0.63	0.84	0.6
		AE	0.79	[0.72-0.87]	0.037	0.72	0.79	0.71
		LASSO	0.85	[0.78-0.91]	0.0326	0.72	0.87	0.69
		LDA	0.82	[0.74-0.89]	0.0371	0.73	0.79	0.73
		LR	0.86	[0.8-0.91]	0.0283	0.69	0.95	0.65
		NB	0.83	[0.76-0.9]	0.0366	0.78	0.79	0.78
		RF	0.82	[0.75-0.88]	0.0334	0.73	0.79	0.73
	Relief	AB	0.69	[0.57-0.8]	0.0535	0.66	0.71	0.65
		AE	0.79	[0.7-0.86]	0.0401	0.7	0.76	0.69
		LASSO	0.81	[0.74-0.87]	0.0344	0.69	0.84	0.67

		LDA	0.77	[0.68-0.85]	0.0411	0.7	0.74	0.7
		LR	0.84	[0.78-0.9]	0.0305	0.7	0.87	0.67
		NB	0.82	[0.74-0.9]	0.0393	0.74	0.84	0.72
		RF	0.82	[0.75-0.88]	0.0353	0.75	0.79	0.74
	RFE	AB	0.74	[0.64-0.84]	0.0512	0.74	0.74	0.74
		AE	0.79	[0.72-0.86]	0.038	0.71	0.82	0.69
		LASSO	0.82	[0.76-0.89]	0.0352	0.7	0.87	0.67
		LDA	0.74	[0.65-0.82]	0.0449	0.56	0.89	0.5
		LR	0.85	[0.79-0.9]	0.0297	0.69	0.95	0.65
		NB	0.83	[0.76-0.91]	0.0379	0.73	0.87	0.71
		RF	0.82	[0.75-0.88]	0.0345	0.7	0.87	0.68
Center_13	ANOVA	AB	0.82	[0.73-0.89]	0.0411	0.78	0.79	0.78
		AE	0.83	[0.74-0.91]	0.0439	0.82	0.79	0.82
		LASSO	0.88	[0.82-0.94]	0.0297	0.81	0.82	0.8
		LDA	0.9	[0.84-0.94]	0.0236	0.81	0.86	0.8
		LR	0.88	[0.82-0.93]	0.0283	0.79	0.86	0.78
		NB	0.83	[0.74-0.91]	0.0433	0.84	0.68	0.86
		RF	0.85	[0.77-0.9]	0.0333	0.77	0.79	0.77
	KW	AB	0.83	[0.74-0.9]	0.0413	0.67	0.86	0.65
		AE	0.81	[0.72-0.89]	0.0425	0.68	0.89	0.66
		LASSO	0.88	[0.82-0.94]	0.0297	0.79	0.86	0.78
		LDA	0.88	[0.82-0.93]	0.0292	0.7	0.93	0.67
		LR	0.89	[0.83-0.94]	0.0274	0.79	0.86	0.79
		NB	0.83	[0.74-0.91]	0.044	0.77	0.79	0.77
		RF	0.85	[0.78-0.9]	0.0325	0.68	0.93	0.66
	Relief	AB	0.84	[0.72-0.92]	0.0507	0.77	0.86	0.77
		AE	0.75	[0.66-0.83]	0.0445	0.68	0.75	0.68
		LASSO	0.88	[0.82-0.94]	0.0296	0.63	1	0.59
		LDA	0.89	[0.85-0.93]	0.0217	0.76	1	0.73
		LR	0.89	[0.83-0.94]	0.0266	0.67	1	0.64
		NB	0.79	[0.69-0.88]	0.048	0.74	0.75	0.74
		RF	0.84	[0.77-0.91]	0.0345	0.79	0.79	0.79
	RFE	AB	0.85	[0.77-0.92]	0.0389	0.82	0.82	0.82
		AE	0.81	[0.73-0.89]	0.0419	0.67	0.89	0.65
		LASSO	0.86	[0.78-0.92]	0.0366	0.74	0.89	0.72
		LDA	0.87	[0.78-0.93]	0.0405	0.7	0.93	0.68
		LR	0.88	[0.81-0.94]	0.0307	0.79	0.82	0.78
		NB	0.83	[0.75-0.91]	0.0408	0.87	0.68	0.89
		RF	0.86	[0.78-0.91]	0.0318	0.68	0.93	0.66
Center_14	ANOVA	AB	0.85	[0.78-0.92]	0.0347	0.79	0.79	0.79
		AE	0.87	[0.79-0.93]	0.0377	0.81	0.88	0.8

		LASSO	0.87	[0.79-0.94]	0.0365	0.83	0.88	0.83
		LDA	0.88	[0.81-0.94]	0.0351	0.84	0.88	0.83
		LR	0.89	[0.82-0.95]	0.0339	0.85	0.88	0.84
		NB	0.87	[0.78-0.93]	0.0364	0.83	0.85	0.83
		RF	0.89	[0.84-0.94]	0.0244	0.85	0.88	0.85
	KW	AB	0.85	[0.76-0.91]	0.0381	0.74	0.94	0.71
		AE	0.86	[0.77-0.92]	0.0383	0.74	0.91	0.72
		LASSO	0.89	[0.82-0.95]	0.0337	0.85	0.85	0.85
		LDA	0.88	[0.81-0.94]	0.0324	0.77	0.94	0.75
		LR	0.89	[0.82-0.95]	0.0343	0.83	0.88	0.82
		NB	0.87	[0.79-0.94]	0.0356	0.81	0.88	0.8
		RF	0.9	[0.85-0.93]	0.021	0.76	0.91	0.74
	Relief	AB	0.86	[0.8-0.92]	0.0309	0.77	0.94	0.75
		AE	0.83	[0.76-0.9]	0.0372	0.74	0.85	0.73
		LASSO	0.89	[0.82-0.94]	0.034	0.81	0.88	0.8
		LDA	0.89	[0.83-0.94]	0.03	0.83	0.88	0.82
		LR	0.89	[0.82-0.95]	0.0344	0.82	0.88	0.81
		NB	0.86	[0.79-0.92]	0.0349	0.82	0.85	0.82
		RF	0.9	[0.85-0.94]	0.021	0.83	0.88	0.82
	RFE	AB	0.86	[0.8-0.92]	0.0324	0.78	0.94	0.76
		AE	0.86	[0.78-0.92]	0.0373	0.82	0.82	0.82
		LASSO	0.88	[0.81-0.94]	0.0348	0.8	0.88	0.79
		LDA	0.88	[0.81-0.93]	0.0315	0.78	0.94	0.76
		LR	0.88	[0.81-0.94]	0.0348	0.81	0.91	0.79
		NB	0.87	[0.79-0.92]	0.0349	0.88	0.79	0.89
		RF	0.9	[0.85-0.94]	0.0233	0.82	0.91	0.81
Center_15	ANOVA	AB	0.55	[0.29-0.73]	0.119	0.66	0.67	0.66
		AE	0.9	[0.85-0.95]	0.0253	0.87	1	0.87
		LASSO	0.65	[0.58-0.74]	0.0421	0.62	1	0.62
		LDA	0.75	[0.64-0.88]	0.0623	0.65	1	0.65
		LR	0.68	[0.59-0.77]	0.0457	0.62	1	0.61
		NB	0.48	[0.42-0.55]	0.0348	0.45	1	0.44
		RF	0.69	[0.61-0.79]	0.0493	0.61	1	0.61
	KW	AB	0.43	[0.34-0.51]	0.0428	0.37	1	0.36
		AE	0.96	[0.92-0.98]	0.0154	0.93	1	0.93
		LASSO	0.69	[0.62-0.76]	0.0362	0.64	1	0.64
		LDA	0.73	[0.62-0.9]	0.0757	0.65	1	0.64
		LR	0.67	[0.59-0.75]	0.0427	0.62	1	0.61
		NB	0.53	[0.39-0.73]	0.0908	0.41	1	0.4
		RF	0.71	[0.6-0.82]	0.054	0.58	1	0.57
	Relief	AB	0.53	[0.35-0.75]	0.106	0.36	1	0.35

		AE	0.94	[0.9-0.98]	0.0197	0.92	1	0.92
		LASSO	0.72	[0.61-0.87]	0.0679	0.65	1	0.64
		LDA	0.82	[0.71-0.91]	0.0525	0.72	1	0.72
		LR	0.71	[0.62-0.82]	0.0527	0.64	1	0.64
		NB	0.48	[0.42-0.56]	0.0357	0.45	1	0.44
		RF	0.73	[0.57-0.88]	0.081	0.53	1	0.53
	RFE	AB	0.43	[0-0.71]	0.2	0.58	0.67	0.58
		AE	0.94	[0.88-0.99]	0.0271	0.9	1	0.89
		LASSO	0.66	[0.57-0.75]	0.0436	0.61	1	0.61
		LDA	0.62	[0.55-0.7]	0.0381	0.58	1	0.57
		LR	0.68	[0.6-0.77]	0.0436	0.64	1	0.63
		NB	0.49	[0.41-0.59]	0.0452	0.44	1	0.43
		RF	0.72	[0.57-0.83]	0.069	0.52	1	0.51
Center_16	ANOVA	AB	0.78	[0.71-0.85]	0.0377	0.75	0.78	0.74
		AE	0.63	[0.54-0.72]	0.0465	0.53	0.76	0.5
		LASSO	0.72	[0.63-0.81]	0.0448	0.78	0.59	0.81
		LDA	0.7	[0.61-0.79]	0.0459	0.68	0.67	0.68
		LR	0.72	[0.63-0.8]	0.0432	0.68	0.69	0.67
		NB	0.7	[0.61-0.79]	0.0466	0.79	0.55	0.83
		RF	0.77	[0.71-0.84]	0.0337	0.69	0.76	0.68
	KW	AB	0.76	[0.69-0.83]	0.0378	0.72	0.78	0.71
		AE	0.65	[0.55-0.74]	0.0482	0.63	0.65	0.62
		LASSO	0.73	[0.64-0.81]	0.0448	0.79	0.57	0.82
		LDA	0.69	[0.61-0.79]	0.0455	0.81	0.49	0.86
		LR	0.73	[0.65-0.81]	0.0429	0.78	0.57	0.81
		NB	0.69	[0.6-0.78]	0.0471	0.79	0.55	0.83
		RF	0.73	[0.65-0.8]	0.0374	0.57	0.82	0.53
	Relief	AB	0.68	[0.59-0.77]	0.0466	0.69	0.69	0.69
		AE	0.64	[0.54-0.74]	0.0489	0.63	0.63	0.63
		LASSO	0.72	[0.62-0.81]	0.0469	0.82	0.55	0.86
		LDA	0.73	[0.65-0.81]	0.0411	0.64	0.76	0.62
		LR	0.71	[0.62-0.8]	0.0474	0.83	0.51	0.88
		NB	0.71	[0.62-0.8]	0.0459	0.65	0.73	0.64
		RF	0.78	[0.7-0.85]	0.0354	0.69	0.8	0.67
	RFE	AB	0.77	[0.69-0.84]	0.0392	0.73	0.76	0.72
		AE	0.62	[0.52-0.71]	0.049	0.58	0.67	0.56
		LASSO	0.71	[0.62-0.8]	0.0462	0.81	0.53	0.85
		LDA	0.71	[0.62-0.8]	0.0476	0.71	0.71	0.7
		LR	0.7	[0.6-0.8]	0.0483	0.64	0.73	0.63
		NB	0.68	[0.59-0.76]	0.0454	0.8	0.51	0.85
		RF	0.76	[0.68-0.83]	0.0366	0.59	0.86	0.54

Center_17	ANOVA	AB	0.74	[0.66-0.81]	0.0377	0.71	0.71	0.71
		AE	0.66	[0.58-0.74]	0.0413	0.62	0.68	0.61
		LASSO	0.77	[0.7-0.84]	0.0357	0.73	0.75	0.73
		LDA	0.75	[0.66-0.83]	0.042	0.73	0.75	0.72
		LR	0.75	[0.68-0.82]	0.0361	0.71	0.73	0.71
		NB	0.73	[0.66-0.81]	0.0387	0.7	0.73	0.69
		RF	0.78	[0.71-0.84]	0.0338	0.77	0.68	0.79
	KW	AB	0.69	[0.62-0.77]	0.0382	0.82	0.43	0.89
		AE	0.73	[0.65-0.81]	0.0404	0.68	0.71	0.67
		LASSO	0.73	[0.66-0.81]	0.04	0.69	0.71	0.68
		LDA	0.72	[0.63-0.79]	0.0413	0.69	0.71	0.68
		LR	0.71	[0.64-0.79]	0.0378	0.6	0.79	0.56
		NB	0.68	[0.6-0.76]	0.0417	0.66	0.71	0.65
		RF	0.77	[0.7-0.84]	0.0352	0.68	0.79	0.66
	Relief	AB	0.67	[0.58-0.75]	0.0412	0.56	0.76	0.52
		AE	0.76	[0.68-0.84]	0.0396	0.68	0.79	0.66
		LASSO	0.74	[0.66-0.81]	0.0371	0.7	0.76	0.69
		LDA	0.75	[0.68-0.82]	0.0372	0.68	0.75	0.67
		LR	0.74	[0.67-0.81]	0.036	0.67	0.73	0.66
		NB	0.68	[0.6-0.77]	0.0439	0.8	0.57	0.85
		RF	0.77	[0.7-0.84]	0.0347	0.68	0.78	0.66
	RFE	AB	0.69	[0.61-0.76]	0.0389	0.64	0.76	0.61
		AE	0.76	[0.68-0.84]	0.0378	0.86	0.56	0.92
		LASSO	0.73	[0.65-0.8]	0.0391	0.67	0.75	0.65
		LDA	0.75	[0.67-0.82]	0.0383	0.7	0.79	0.68
		LR	0.74	[0.66-0.81]	0.0373	0.65	0.78	0.62
		NB	0.69	[0.61-0.77]	0.0423	0.76	0.62	0.78
		RF	0.77	[0.7-0.84]	0.035	0.72	0.73	0.72
Center_18	ANOVA	AB	0.99	[0.97-1]	0.0065	0.95	1	0.95
		AE	0.96	[0.92-0.99]	0.0192	0.93	0.9	0.93
		LASSO	0.99	[0.96-1]	0.0097	0.91	1	0.91
		LDA	0.96	[0.92-0.99]	0.0165	0.95	0.9	0.95
		LR	0.98	[0.95-1]	0.0111	0.9	1	0.9
		NB	0.96	[0.93-0.99]	0.0148	0.95	0.9	0.95
		RF	0.95	[0.88-1]	0.0331	0.96	0.9	0.96
	KW	AB	1	[0.99-1]	0.0027	0.99	1	0.99
		AE	0.98	[0.96-1]	0.0106	0.91	1	0.91
		LASSO	0.99	[0.97-1]	0.0075	0.94	1	0.93
		LDA	0.98	[0.96-1]	0.008	0.93	1	0.93
		LR	0.99	[0.96-1]	0.0099	0.92	1	0.92
		NB	0.96	[0.92-0.98]	0.0151	0.87	1	0.86

		RF	0.98	[0.94-1]	0.015	0.86	1	0.86
	Relief	AB	1	[0.99-1]	0.0021	0.99	1	0.99
		AE	0.98	[0.95-1]	0.0114	0.91	1	0.9
		LASSO	0.98	[0.95-1]	0.013	0.89	1	0.89
		LDA	0.98	[0.96-1]	0.0094	0.91	1	0.91
		LR	0.98	[0.95-1]	0.0137	0.87	1	0.87
		NB	0.95	[0.91-0.98]	0.0178	0.86	1	0.85
		RF	0.98	[0.95-1]	0.0134	0.89	1	0.89
	RFE	AB	1	[0.99-1]	0.0027	0.99	1	0.99
		AE	0.98	[0.96-1]	0.0113	0.91	1	0.91
		LASSO	0.98	[0.96-1]	0.0102	0.92	1	0.92
		LDA	0.99	[0.97-1]	0.0079	0.93	1	0.92
		LR	0.99	[0.96-1]	0.01	0.91	1	0.9
		NB	0.97	[0.94-0.99]	0.013	0.88	1	0.87
		RF	0.98	[0.96-1]	0.0096	0.91	1	0.91
Center_19	ANOVA	AB	0.72	[0.6-0.81]	0.0515	0.69	0.81	0.68
		AE	0.73	[0.62-0.82]	0.0512	0.68	0.69	0.68
		LASSO	0.69	[0.6-0.77]	0.0424	0.71	0.69	0.71
		LDA	0.74	[0.65-0.83]	0.046	0.71	0.72	0.71
		LR	0.73	[0.64-0.82]	0.0461	0.63	0.78	0.62
		NB	0.71	[0.61-0.8]	0.0505	0.55	0.84	0.53
		RF	0.79	[0.7-0.88]	0.0445	0.8	0.75	0.8
	KW	AB	0.68	[0.57-0.78]	0.0539	0.59	0.72	0.58
		AE	0.72	[0.63-0.82]	0.0486	0.67	0.75	0.67
		LASSO	0.74	[0.65-0.81]	0.0398	0.62	0.81	0.61
		LDA	0.73	[0.62-0.81]	0.05	0.68	0.72	0.68
		LR	0.75	[0.66-0.83]	0.0413	0.62	0.84	0.6
		NB	0.72	[0.62-0.8]	0.0456	0.53	0.84	0.51
		RF	0.78	[0.71-0.86]	0.0387	0.71	0.72	0.71
	Relief	AB	0.69	[0.59-0.78]	0.0498	0.68	0.72	0.68
		AE	0.68	[0.58-0.77]	0.0488	0.61	0.72	0.6
		LASSO	0.74	[0.65-0.82]	0.0415	0.6	0.88	0.58
		LDA	0.76	[0.67-0.85]	0.0448	0.64	0.81	0.63
		LR	0.74	[0.65-0.82]	0.0427	0.61	0.81	0.6
		NB	0.69	[0.6-0.79]	0.0485	0.59	0.72	0.58
		RF	0.78	[0.7-0.85]	0.0388	0.69	0.84	0.67
	RFE	AB	0.71	[0.61-0.8]	0.0495	0.58	0.81	0.57
		AE	0.7	[0.6-0.8]	0.0503	0.68	0.69	0.68
		LASSO	0.76	[0.67-0.84]	0.0432	0.63	0.78	0.62
		LDA	0.75	[0.64-0.84]	0.0489	0.64	0.78	0.62
		LR	0.74	[0.64-0.82]	0.0437	0.54	0.84	0.52

	NB	0.72	[0.63-0.8]	0.0446	0.53	0.84	0.5
	RF	0.77	[0.69-0.86]	0.0418	0.65	0.78	0.64