

Table S1. Optimal parameters for the best models with regards to each machine learning approach.

Model	Parameters	Best Value
Decision trees (sklearn.tree.DecisionTreeClassifier)	'ccp_alpha'	0
	'class_weight'	None
	'criterion'	'entropy'
	'max_depth'	4
	'max_features'	None
	'max_leaf_nodes'	None
	'min_impurity_decrease'	0
	'min_samples_leaf'	1
	'min_samples_split'	2
	'min_weight_fraction_leaf'	0
	'random_state'	1236
	'splitter'	'best'
Random forests (sklearn.ensemble.RandomForestClassifier)	'bootstrap'	True
	'ccp_alpha'	0
	'class_weight'	None
	'criterion'	'gini'
	'max_depth'	6
	'max_features'	0.8
	'max_leaf_nodes'	None
	'max_samples'	None
	'min_impurity_decrease'	0
	'min_samples_leaf'	1
	'min_samples_split'	30
	'min_weight_fraction_leaf'	0
	'n_estimators'	200
	'n_jobs'	-1
	'oob_score'	False
	'random_state'	1236
	'verbose'	0
	'warm_start'	True
Extra trees (sklearn.ensemble.ExtraTreesClassifier)	'bootstrap'	False
	'ccp_alpha'	0
	'class_weight'	None
	'criterion'	'entropy'
	'max_depth'	7
	'max_features'	0.6
	'max_leaf_nodes'	None
	'max_samples'	None
	'min_impurity_decrease'	0
	'min_samples_leaf'	1
	'min_samples_split'	50
	'min_weight_fraction_leaf'	0
	'n_estimators'	200
	'n_jobs'	-1
	'oob_score'	False

	'random_state'	1238
	'verbose'	0
	'warm_start'	True
Neural networks (sklearn.neural_network.MLPClassifier)	'activation'	'relu'
	'alpha'	0.0001
	'batch_size'	'auto'
	'beta_1'	0.9
	'beta_2'	0.999
	'early_stopping'	True
	'epsilon'	1.00E-08
	'hidden_layer_sizes'	(16, 32)
	'learning_rate'	'constant'
	'learning_rate_init'	0.1
	'max_fun'	15000
	'max_iter'	500
	'momentum'	0.9
	'n_iter_no_change'	50
	'nesterovs_momentum'	True
	'power_t'	0.5
	'random_state'	1243
	'shuffle'	True
	'solver'	'adam'
	'tol'	0.0001
	'validation_fraction'	0.1
	'verbose'	False
	'warm_start'	False
K-nearest neighbours (sklearn.neighbors.KNeighborsClassifier)	'algorithm'	'kd_tree'
	'leaf_size'	30
	'metric'	'minkowski'
	'metric_params'	None
	'n_jobs'	-1
	'n_neighbors'	7
	'p'	2
	'weights'	'distance'
XGBoost (XGBoost.XGBClassifier)	'objective'	'binary logistic'
	'base_score'	0.5
	'booster'	'gbtree'
	'colsample_bylevel'	1
	'colsample_bynode'	1
	'colsample_bytree'	1
	'eval_metric'	None
	'gamma'	0
	'gpu_id'	-1
	'grow_policy'	'depthwise'
	'interaction_constraints'	"
	'learning_rate'	0.300000012
	'max_bin'	256
	'max_cat_to_onehot'	4

	'max_delta_step'	0
	'max_depth'	6
	'max_leaves'	0
	'min_child_weight'	1
	'monotone_constraints'	('')
	'n_jobs'	0
	'num_parallel_tree'	1
	'predictor'	'auto'
	'random_state'	0
	'reg_alpha'	0
	'reg_lambda'	1
	'sampling_method'	'uniform'
	'scale_pos_weight'	1
	'subsample'	1
	'tree_method'	'auto'
	'validate_parameters'	1
	'verbosity'	None
LightGBM (lightgbm.LGBMClassifier)	'bagging_fraction'	0.5
	'bagging_freq'	0
	'bagging_seed'	31935
	'boosting'	'gbdt'
	'cat_smooth'	10
	'cegb_penalty_split'	0
	'cegb_tradeoff'	1
	'data_random_seed'	4087
	'deterministic'	0
	'device_type'	'cpu'
	'drop_rate'	0.1
	'early_stopping_round'	0
	'extra_seed'	31278
	'extra_trees'	0
	'feature_fraction'	0.5
	'feature_fraction_bynode'	1
	'feature_fraction_seed'	22066
	'first_metric_only'	0
	'force_col_wise'	0
	'force_row_wise'	0
	'histogram_pool_size'	-1
	'lambda_l1'	0
	'lambda_l2'	0
	'learning_rate'	0.05
	'linear_lambda'	0
	'max_cat_threshold'	32
	'max_cat_to_onehot'	4
	'max_delta_step'	0
	'max_depth'	-1
	'max_drop'	50
	'min_data_in_leaf'	15

	'min_data_per_group'	100
	'min_sum_hessian_in_leaf'	0.001
	'monotone_constraints_method'	'basic'
	'monotone_penalty'	0
	'neg_bagging_fraction'	1
	'num_iterations'	10000
	'num_leaves'	127
	'num_threads'	0
	'objective'	'binary'
	'other_rate'	0.1
	'path_smooth'	0
	'pos_bagging_fraction'	1
	'refit_decay_rate'	0.9
	'saved_feature_importance_type'	0
	'skip_drop'	0.5
	'top_k'	20
	'top_rate'	0.2
	'tree_learner'	'serial'
	'verbosity'	-1
CatBoost (catboost.CatBoostClassifier)	'nan_mode'	'Min'
	'eval_metric'	'AUC'
	'iterations'	1000
	'sampling_frequency'	'PerTree'
	'leaf_estimation_method'	'Newton'
	'od_pval'	0
	'grow_policy'	'SymmetricTree'
	'penalties_coefficient'	1
	'boosting_type'	'Plain'
	'model_shrink_mode'	'Constant'
	'feature_border_type'	'GreedyLogSum'
	'bayesian_matrix_reg'	0.100000002
	'eval_fraction'	0
	'force_unit_auto_pair_weights'	False
	'l2_leaf_reg'	1.863051295
	'random_strength'	5.292492867
	'od_type'	'Iter'
	'rsm'	0.116269194
	'boost_from_average'	False
	'model_size_reg'	0.5
	'pool_metainfo_options'	{'tags' {}}
	'subsample'	0.800000012
	'use_best_model'	True
	'od_wait'	50
	'class_names'	[0,1]
	'random_seed'	1234
	'depth'	3
	'posterior_sampling'	False
	'border_count'	254

	'classes_count'	0
	'auto_class_weights'	'None'
	'sparse_features_conflict_fraction'	0
	,	
	'leaf_estimation_backtracking'	'AnyImprovement'
	'best_model_min_trees'	1
	'model_shrink_rate'	0
	'min_data_in_leaf'	65
	'loss_function'	'Logloss'
	'learning_rate'	0.100000002
	'score_function'	'Cosine'
	'task_type'	'CPU'
	'leaf_estimation_iterations'	10
	'bootstrap_type'	'MVS'
	'max_leaves'	8
Multivariate logistic regression (sklearn.linear_model.LogisticRegression)	'C'	1
	'class_weight'	None
	'dual'	False
	'fit_intercept'	True
	'intercept_scaling'	1
	'l1_ratio'	None
	'max_iter'	500
	'multi_class'	'auto'
	'n_jobs'	-1
	'penalty'	'l2'
	'random_state'	None
	'solver'	'lbfgs'
	'tol'	0.0005
	'verbose'	0
	'warm_start'	False

Table S2. Correlation matrix of continuous predictors of COVID-19-related death in patients who has been admitted to the intensive care unit (ICU) because of severe COVID-19.

Parameters	Age, years	WBC, × 10 ⁹ /L	NE#, × 10 ⁹ /L	LY#, × 10 ⁹ /L	NLR	PLT, × 10 ⁹ /L	BUN, mmol/L	sCr, μmol/L	GFR, mL/min/ /1.73 m ²	AST, U/L	ALT, U/L	FPG, mmol/L	CRP, mg/L	D-dimer, ng/mL
Age, years	1.00	-0.08	-0.11	-0.03	-0.03	-0.10	0.18	0.23	-0.44	-0.22	-0.27	0.07	-0.09	-0.07
WBC, × 10 ⁹ /L	-0.08	1.00	0.92	0.13	0.51	0.28	0.31	0.09	-0.01	0.15	0.12	0.08	0.12	0.23
NE#, × 10 ⁹ /L	-0.11	0.92	1.00	-0.03	0.67	0.24	0.32	0.11	-0.02	0.18	0.14	0.12	0.19	0.25
LY#, × 10 ⁹ /L	-0.03	0.13	-0.03	1.00	-0.72	0.16	-0.03	-0.04	0.06	0.00	0.04	-0.20	-0.22	-0.06
NLR	-0.03	0.51	0.67	-0.72	1.00	0.02	0.21	0.09	-0.06	0.11	0.05	0.20	0.27	0.17
PLT, × 10 ⁹ /L	-0.10	0.28	0.24	0.16	0.02	1.00	-0.07	-0.14	0.11	-0.02	0.07	-0.04	0.07	0.08
BUN, mmol/L	0.18	0.31	0.32	-0.03	0.21	-0.07	1.00	0.62	-0.54	0.06	0.04	0.16	-0.01	0.09
sCr, μmol/L	0.23	0.09	0.11	-0.04	0.09	-0.14	0.62	1.00	-0.89	0.02	-0.11	0.10	-0.07	-0.14
GFR, mL/min/1.73 m ²	-0.44	-0.01	-0.02	0.06	-0.06	0.11	-0.54	-0.89	1.00	0.06	0.20	-0.14	0.05	0.16
AST, U/L	-0.22	0.15	0.18	0.00	0.11	-0.02	0.06	0.02	0.06	1.00	0.66	0.09	0.07	-0.05
ALT, U/L	-0.27	0.12	0.14	0.04	0.05	0.07	0.04	-0.11	0.20	0.66	1.00	0.09	-0.07	0.00
FPG, mmol/L	0.07	0.08	0.12	-0.20	0.20	-0.04	0.16	0.10	-0.14	0.09	0.09	1.00	0.06	0.01
CRP, mg/L	-0.09	0.12	0.19	-0.22	0.27	0.07	-0.01	-0.07	0.05	0.07	-0.07	0.06	1.00	0.26
D-dimer, ng/mL	-0.07	0.23	0.25	-0.06	0.17	0.08	0.09	-0.14	0.16	-0.05	0.00	0.01	0.26	1.00

Table S3. Classification summary and AUROC of neural networks for the prediction of fatal outcome in patients admitted to the ICU with severe COVID-19 (merged dataset from three centers). Manually selected predictors (CAD/CHF, stage 3-5 CKD, BUN, and CRP).

Cross-validation sample					Average bootstrapping						
Neural network	n, %	Hospital discharge	In-hospital death	All	AUROC	Neural network	n, %	Hospital discharge	In-hospital death	All	AUROC
1	Total (n)	57	47	104	0.850	1	Total (n)	52.25	51.75	104	0.823
	Correct (n)	47	38	85			Correct (n)	41.5	39	80.5	
	Incorrect (n)	10	9	19			Incorrect (n)	10.75	12.75	23.5	
	Correct (%)	82.46	80.85	81.73			Correct (%)	79.36	75.19	77.40	
	Incorrect (%)	17.54	19.15	18.27			Incorrect (%)	20.64	24.81	22.60	
2	Total (n)	57	47	104	0.834	2	Total (n)	52.25	51.75	104	0.804
	Correct (n)	46	38	84			Correct (n)	40	39	79	
	Incorrect (n)	11	9	20			Incorrect (n)	12.25	12.75	25	
	Correct (%)	80.70	80.85	80.77			Correct (%)	76.49	75.19	75.96	
	Incorrect (%)	19.30	19.15	19.23			Incorrect (%)	23.51	24.81	24.04	
3	Total (n)	57	47	104	0.834	3	Total (n)	52.25	51.75	104	0.809
	Correct (n)	42	43	85			Correct (n)	37.25	47	84.25	
	Incorrect (n)	15	4	19			Incorrect (n)	15	4.75	19.75	
	Correct (%)	73.68	91.49	81.73			Correct (%)	71.45	90.55	81.01	
	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	28.55	9.45	18.99	
4	Total (n)	57	47	104	0.846	4	Total (n)	52.25	51.75	104	0.820
	Correct (n)	42	43	85			Correct (n)	37.25	47	84.25	
	Incorrect (n)	15	4	19			Incorrect (n)	15	4.75	19.75	
	Correct (%)	73.68	91.49	81.73			Correct (%)	71.45	90.55	81.01	
	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	28.55	9.45	18.99	
5	Total (n)	57	47	104	0.849	5	Total (n)	52.25	51.75	104	0.821
	Correct (n)	42	43	85			Correct (n)	37.25	47	84.25	
	Incorrect (n)	15	4	19			Incorrect (n)	15	4.75	19.75	
	Correct (%)	73.68	91.49	81.73			Correct (%)	71.45	90.55	81.01	

	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	28.55	9.45	18.99	
	Total (n)	57	47	104			Total (n)	52.25	51.75	104	
	Correct (n)	42	43	85			Correct (n)	37.25	47	84.25	
6	Incorrect (n)	15	4	19	0.823	6	Incorrect (n)	15	4.75	19.75	0.799
	Correct (%)	73.68	91.49	81.73			Correct (%)	71.45	90.55	81.01	
	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	28.55	9.45	18.99	
	Total (n)	57	47	104			Total (n)	52.25	51.75	104	
	Correct (n)	42	43	85			Correct (n)	37.25	47	84.25	
7	Incorrect (n)	15	4	19	0.837	7	Incorrect (n)	15	4.75	19.75	0.812
	Correct (%)	73.68	91.49	81.73			Correct (%)	71.45	90.55	81.01	
	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	28.55	9.45	18.99	
	Total (n)	57	47	104			Total (n)	52.25	51.75	104	
	Correct (n)	44	41	85			Correct (n)	37.25	47	84.25	
8	Incorrect (n)	13	6	19	0.845	8	Incorrect (n)	15	4.75	19.75	0.849
	Correct (%)	77.19	87.23	81.73			Correct (%)	71.45	90.55	81.01	
	Incorrect (%)	22.81	12.77	18.27			Incorrect (%)	28.55	9.45	18.99	
	Total (n)	57	47	104			Total (n)	52.25	51.75	104	
	Correct (n)	42	43	85			Correct (n)	39.25	43.75	83	
9	Incorrect (n)	15	4	19	0.861	9	Incorrect (n)	13	8	21	0.832
	Correct (%)	73.68	91.49	81.73			Correct (%)	75.12	84.32	79.81	
	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	24.88	15.68	20.19	
	Total (n)	57	47	104			Total (n)	52.25	51.75	104	
	Correct (n)	44	41	85			Correct (n)	39.25	43.75	83	
10	Incorrect (n)	13	6	19	0.866	10	Incorrect (n)	13	8	21	0.849
	Correct (%)	77.19	87.23	81.73			Correct (%)	75.12	84.32	79.81	
	Incorrect (%)	22.81	12.77	18.27			Incorrect (%)	24.88	15.68	20.19	
11	Total (n)	57	47	104	0.837	11	Total (n)	52.25	51.75	104	0.814

	Correct (n)	42	43	85			Correct (n)	37.25	47	84.25		
	Incorrect (n)	15	4	19			Incorrect (n)	15	4.75	19.75		
	Correct (%)	73.68	91.49	81.73			Correct (%)	71.45	90.55	81.01		
	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	28.55	9.45	18.99		
	Total (n)	57	47	104			Total (n)	52.25	51.75	104		
12	Correct (n)	42	43	85	0.853	12	Correct (n)	37.25	47	84.25	0.835	
	Incorrect (n)	15	4	19			Incorrect (n)	15	4.75	19.75		
	Correct (%)	73.68	91.49	81.73			Correct (%)	71.45	90.55	81.01		
	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	28.55	9.45	18.99		
	Total (n)	57	47	104			Total (n)	52.25	51.75	104		
13	Correct (n)	42	43	85	0.842	13	Correct (n)	37.25	47	84.25	0.819	
	Incorrect (n)	15	4	19			Incorrect (n)	15	4.75	19.75		
	Correct (%)	73.68	91.49	81.73			Correct (%)	71.45	90.55	81.01		
	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	28.55	9.45	18.99		
	Total (n)	57	47	104			Total (n)	52.25	51.75	104		
14	Correct (n)	46	38	84	0.839	14	Correct (n)	40	39	79	0.809	
	Incorrect (n)	11	9	20			Incorrect (n)	12.25	12.75	25		
	Correct (%)	80.70	80.85	80.77			Correct (%)	76.63	75.19	75.96		
	Incorrect (%)	19.30	19.15	19.23			Incorrect (%)	23.37	24.81	24.04		
	Total (n)	57	47	104			Total (n)	52.25	51.75	104		
15	Correct (n)	42	43	85	0.825	15	Correct (n)	37.25	47	84.25	0.808	
	Incorrect (n)	15	4	19			Incorrect (n)	15	4.75	19.75		
	Correct (%)	73.68	91.49	81.73			Correct (%)	71.45	90.55	81.01		
	Incorrect (%)	26.32	8.51	18.27			Incorrect (%)	28.55	9.45	18.99		
	Total (n)	57	47	104			Total (n)	52.25	51.75	104		

Table S4. Classification summary and AUROC of neural networks for the prediction of fatal outcome in patients admitted to the ICU with severe COVID-19 (merged dataset from three centers). Predictors identified by Predictor Screening tool of STATISTICA software (CAD/CHF, LY#, NLR, and CRP).

Cross-validation sample						Average bootstrapping					
Neural network	n, %	Hospital discharge	In-hospital death	All	AUROC	Neural network	n, %	Hospital discharge	In-hospital death	All	AUROC
1	Total (n)	57	47	104	0.820	1	Total (n)	52	52	104	0.775
	Correct (n)	46	38	84			Correct (n)	41	39	79	
	Incorrect (n)	11	9	20			Incorrect (n)	12	13	25	
	Correct (%)	80.70	80.85	80.77			Correct (%)	77.47	74.85	76.20	
	Incorrect (%)	19.30	19.15	19.23			Incorrect (%)	22.53	25.15	23.80	
2	Total (n)	57	47	104	0.824	2	Total (n)	52	52	104	0.778
	Correct (n)	47	37	84			Correct (n)	42	38	79	
	Incorrect (n)	10	10	20			Incorrect (n)	11	14	25	
	Correct (%)	82.46	78.72	80.77			Correct (%)	79.38	72.35	75.96	
	Incorrect (%)	17.54	21.28	19.23			Incorrect (%)	20.62	27.65	24.04	
3	Total (n)	57	47	104	0.815	3	Total (n)	52	52	104	0.770
	Correct (n)	46	38	84			Correct (n)	40	39	78	
	Incorrect (n)	11	9	20			Incorrect (n)	13	13	26	
	Correct (%)	80.70	80.85	80.77			Correct (%)	75.57	74.85	75.24	
	Incorrect (%)	19.30	19.15	19.23			Incorrect (%)	24.43	25.15	24.76	
4	Total (n)	57	47	104	0.817	4	Total (n)	52	52	104	0.772
	Correct (n)	46	38	84			Correct (n)	40	39	78	
	Incorrect (n)	11	9	20			Incorrect (n)	13	13	26	
	Correct (%)	80.70	80.85	80.77			Correct (%)	75.57	74.85	75.24	
	Incorrect (%)	19.30	19.15	19.23			Incorrect (%)	24.43	25.15	24.76	
5	Total (n)	57	47	104	0.815	5	Total (n)	52	52	104	0.779
	Correct (n)	46	39	85			Correct (n)	42	40	82	
	Incorrect (n)	11	8	19			Incorrect (n)	10	12	22	
	Correct (%)	80.70	82.98	81.73			Correct (%)	80.50	77.26	78.85	
	Incorrect (%)	19.30	17.02	18.27			Incorrect (%)	19.50	22.74	21.15	
6	Total (n)	57	47	104	0.819	6	Total (n)	52	52	104	0.773
	Correct (n)	46	38	84			Correct (n)	40	39	78	
	Incorrect (n)	11	9	20			Incorrect (n)	13	13	26	
	Correct (%)	80.70	80.85	80.77			Correct (%)	75.57	74.85	75.24	
	Incorrect (%)	19.30	19.15	19.23			Incorrect (%)	24.43	25.15	24.76	
7	Total (n)	57	47	104	0.818	7	Total (n)	52	52	104	0.773

	Correct (n)	46	38	84			Correct (n)	40	39	78		
	Incorrect (n)	11	9	20			Incorrect (n)	13	13	26		
	Correct (%)	80.70	80.85	80.77			Correct (%)	75.57	74.85	75.24		
	Incorrect (%)	19.30	19.15	19.23			Incorrect (%)	24.43	25.15	24.76		
	Total (n)	57	47	104			Total (n)	52	52	104		
8	Correct (n)	47	38	85	0.820	8	Correct (n)	41	39	80	0.775	
	Incorrect (n)	10	9	19			Incorrect (n)	11	13	24		
	Correct (%)	82.46	80.85	81.73			Correct (%)	78.98	74.85	76.92		
	Incorrect (%)	17.54	19.15	18.27			Incorrect (%)	21.02	25.15	23.08		
	Total (n)	57	47	104			Total (n)	52	52	104		
9	Correct (n)	47	38	85	0.817	9	Correct (n)	41	39	80	0.769	
	Incorrect (n)	10	9	19			Incorrect (n)	11	13	24		
	Correct (%)	82.46	80.85	81.73			Correct (%)	78.34	74.85	76.68		
	Incorrect (%)	17.54	19.15	18.27			Incorrect (%)	21.66	25.15	23.32		
	Total (n)	57	47	104			Total (n)	52	52	104		
10	Correct (n)	47	37	84	0.817	10	Correct (n)	41	38	79	0.772	
	Incorrect (n)	10	10	20			Incorrect (n)	11	14	25		
	Correct (%)	82.46	78.72	80.77			Correct (%)	78.98	73.35	76.20		
	Incorrect (%)	17.54	21.28	19.23			Incorrect (%)	21.02	26.65	23.80		
	Total (n)	57	47	104			Total (n)	52	52	104		

Table S5. Classification summary and AUROC of neural networks for the prediction of fatal outcome in patients admitted to the ICU with severe COVID-19 (merged dataset from three centers). Predictors combined from the manual screening and Predictor Screening tool of STATISTICA software (CAD/CHF, stage 3-5 CKD, BUN, LY#, NLR, and CRP).

Cross-validation sample					AUROC
Neural network	n, %	Hospital discharge	In-hospital death	All	
1	Total (n)	57	47	104	0.838
	Correct (n)	46	39	85	
	Incorrect (n)	11	8	19	
	Correct (%)	80.70	82.98	81.73	
	Incorrect (%)	19.30	17.02	18.27	
2	Total (n)	57	47	104	0.832
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
3	Total (n)	57	47	104	0.836
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
4	Total (n)	57	47	104	0.831
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
5	Total (n)	57	47	104	0.824
	Correct (n)	46	39	85	
	Incorrect (n)	11	8	19	
	Correct (%)	80.70	82.98	81.73	
	Incorrect (%)	19.30	17.02	18.27	
6	Total (n)	57	47	104	0.835
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
7	Total (n)	57	47	104	0.825
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
8	Total (n)	57	47	104	0.831
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
9	Total (n)	57	47	104	0.833
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	

10	Incorrect (%)	17.54	19.15	18.27	0.832
	Total (n)	57	47	104	
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
11	Total (n)	57	47	104	0.830
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
	Total (n)	57	47	104	
12	Correct (n)	47	38	85	0.827
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
	Total (n)	57	47	104	
	Correct (n)	47	38	85	
13	Incorrect (n)	10	9	19	0.832
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	
	Total (n)	57	47	104	
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
14	Correct (%)	80.70	82.98	81.73	0.835
	Incorrect (%)	19.30	17.02	18.27	
	Total (n)	57	47	104	
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
15	Incorrect (%)	17.54	19.15	18.27	0.825
	Total (n)	57	47	104	
	Correct (n)	47	38	85	
	Incorrect (n)	10	9	19	
	Correct (%)	82.46	80.85	81.73	
	Incorrect (%)	17.54	19.15	18.27	