

**Table 3:** Accuracy values of single and combined morphometric measurements for the best performed classifiers

Feature(s)	XGBoost	Stochastic Gradient Boosting	Bagged CART	Random Forest	Logistic Regression
F <sub>1</sub>	1	1	1	1	1
F <sub>2</sub>	0.845	0.82	0.855	0.86	0.74
F <sub>3</sub>	0.775	0.82	0.83	0.835	0.68
F <sub>4</sub>	0.83	0.815	0.835	0.84	0.69
F <sub>5</sub>	0.78	0.735	0.865	0.87	0.66
F <sub>6</sub>	0.805	0.845	0.875	0.88	0.69
F <sub>7</sub>	0.77	0.8	0.825	0.83	0.7
F <sub>8</sub>	0.785	0.755	0.785	0.795	0.57
F <sub>9</sub>	0.79	0.785	0.835	0.835	0.675
F <sub>10</sub>	0.84	0.85	0.88	0.88	0.555
F <sub>11</sub>	0.81	0.81	0.815	0.815	0.785
Accuracy of the combined features achieved from the best performed classifiers					
2	0.99	0.84	0.98	0.98	0.815
3	0.955	0.84	1	1	0.82
4	1	0.895	1	1	0.815
5	0.995	0.975	1	1	0.835
6	0.995	0.89	0.995	1	0.865
7	1	0.775	1	1	0.875
Features combination for the best performed classifiers					
2	4,2	2,5	11,4	11,2	11,6
3	4,2,6	2,5,4	11,4,6	11,2,4	11,6,9
4	4,2,6,5	2,5,4,6	11,4,6,3	11,2,4,6	11,6,9,3
5	4,2,6,5,9	2,5,4,6,3	11,4,6,3,7	11,2,4,6,5	11,6,9,3,2
6	4,2,6,5,9,7	2,5,4,6,3,9	11,4,6,3,7,5	11,2,4,6,5,3	11,6,9,3,2,4
7	4,2,6,5,9,7,8	2,5,4,6,3,9,8	11,4,6,3,7,5,9	11,2,4,6,5,3,10	11,6,9,3,2,4,8