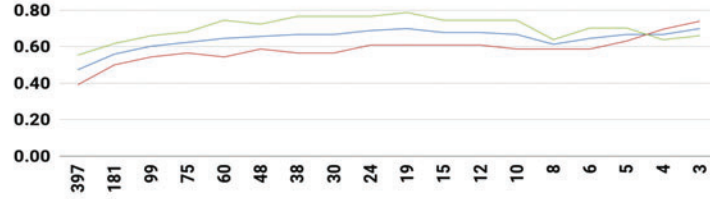
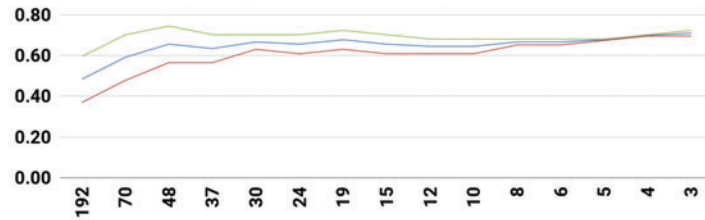


**A**

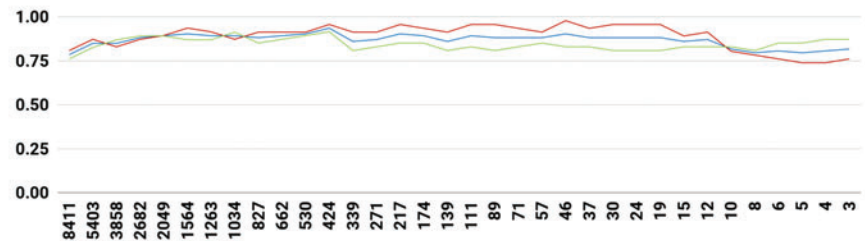
# of Anatomical Features	Accuracy	Sensitivity	Specificity
397	0.47	0.39	0.55
181	0.56	0.50	0.62
99	0.60	0.54	0.66
75	0.62	0.57	0.68
60	0.65	0.54	0.74
48	0.66	0.59	0.72
38	0.67	0.57	0.77
30	0.67	0.57	0.77
24	0.69	0.61	0.77
19	0.70	0.61	0.79
15	0.68	0.61	0.74
12	0.68	0.61	0.74
10	0.67	0.59	0.74
8	0.61	0.59	0.64
6	0.65	0.59	0.70
5	0.67	0.63	0.70
4	0.67	0.70	0.64
3	0.70	0.74	0.66

**B**

# of DTI Features	Accuracy	Sensitivity	Specificity
192	0.48	0.37	0.60
70	0.59	0.48	0.70
48	0.66	0.57	0.74
37	0.63	0.57	0.70
30	0.67	0.63	0.70
24	0.66	0.61	0.70
19	0.68	0.63	0.72
15	0.66	0.61	0.70
12	0.65	0.61	0.68
10	0.65	0.61	0.68
8	0.67	0.65	0.68
6	0.67	0.65	0.68
5	0.68	0.67	0.68
4	0.70	0.70	0.70
3	0.71	0.70	0.72

**C**

# of fcMRI Variables	Accuracy	Sensitivity	Specificity
8411	0.78	0.81	0.76
5403	0.85	0.87	0.83
3858	0.85	0.83	0.87
2682	0.88	0.87	0.89
2049	0.89	0.89	0.89
1564	0.90	0.94	0.87
1263	0.89	0.91	0.87
1034	0.89	0.87	0.91
827	0.88	0.91	0.85
662	0.89	0.91	0.87
530	0.90	0.91	0.89
424	0.94	0.96	0.91
339	0.86	0.91	0.81
271	0.87	0.91	0.83
217	0.90	0.96	0.85
174	0.89	0.93	0.85
139	0.86	0.91	0.81
111	0.89	0.96	0.83
89	0.88	0.96	0.81
71	0.88	0.93	0.83
57	0.88	0.91	0.85
46	0.90	0.98	0.83
37	0.88	0.93	0.83
30	0.88	0.96	0.81
24	0.88	0.96	0.81
19	0.88	0.96	0.81
15	0.86	0.89	0.83
12	0.87	0.91	0.83
10	0.82	0.80	0.83
8	0.80	0.78	0.81
6	0.81	0.76	0.85
5	0.80	0.74	0.85
4	0.81	0.74	0.87
3	0.82	0.76	0.87



— Accuracy  
— Sensitivity  
— Specificity

**SUPPLEMENTARY FIG. S3.** Accuracy, sensitivity, and specificity rates for each CRF dimension reduction by modality [aMRI (A), DWI (B), fcMRI (C)]. Highlighted blue rows show the number of variables reaching highest accuracy in each modality. CRF, conditional random forest.