ON-LINE FIG 1. MD distribution for a patient with NPH. Notice the area of increased MD in the periventricular white matter.

On-line Table 1: Classification power for 1D fitting parameters and binary classifier with group 1: NPH; and group 2: AD

	f_{brain}	μ_{brain}	σ_{brain}	f_{CSF}	μ_{CSF}	σ_{CSF}	f_{mix}	θ	Average MD
Sensitivity	1.00	0.60	0.47	0.73	0.40	0.73	0.60	0.73	0.00
Specificity	0.33	0.67	0.78	0.56	0.56	0.56	0.44	0.78	1.00
PPV	0.71	0.75	0.78	0.73	0.60	0.73	0.64	0.85	0.00
NPV	1.00	0.50	0.47	0.56	0.36	0.56	0.40	0.64	0.38

Note:—PPV indicates positive predictive value; NPV, negative predictive value.

On-line Table 2: Classification power for 1D fitting parameters and binary classifier with group 1: NPH; group 2: AD, PD, DLB

	f_{brain}	μ_{brain}	σ_{brain}	f_{CSF}	μ_{CSF}	σ_{CSF}	f_{mix}	θ	Average MD
Sensitivity	0.87	0.93	0.53	0.87	0.60	0.73	0.73	0.73	1.00
Specificity	0.52	0.44	0.80	0.68	0.56	0.44	0.44	0.80	0.48
PPV	0.52	0.50	0.62	0.62	0.45	0.44	0.44	0.69	0.54
NPV	0.87	0.92	0.74	0.89	0.70	0.73	0.73	0.83	1.00

Note:—PPV indicates positive predictive value; NPV, negative predictive value.