Table S1. Performance of different cutoff values of ΔAx (%) to identify positive BDR in patients with newly diagnosed asthma (N=323)

Δ Ax (%) cutoff value	Sensitivity (%)	Specificity (%)	LR(+)	LR(-)	PPV	NPV
-53.8%*	39.78	80.43	2.03	0.75	45.1	76.8
-42.9%	50.54	65.65	1.47	0.75	37.3	76.6
-36.5%	60.22	57.83	1.43	0.69	36.6	78.2
-28.9%	70.97	46.09	1.32	0.63	34.7	79.7
-14.6%	80.65	27.83	1.12	0.70	31.1	78.0

BDR, bronchodilator reversibility; ΔAx (%) the percentage change of the area under the reactance curve between 5 Hz and resonant frequency; LR(+) positive likelihood ratio; LR(-) negative likelihood ratio; NPV negative predictive value; PPV positive predictive value; * indicates the best cutoff value determined by Youden index