

**S3 Table. Confusion matrices of HAT vs. control classification ability of NMR discriminatory markers**

	Using all 16 Discriminatory Markers		Using Top 5 Discriminatory Markers	
	Actual HAT Patients	Actual Controls	Actual HAT Patients	Actual Controls
Predicted HAT Patients	40 (TP)	1 (FP)	38 (TP)	1 (FP)
Predicted Controls	5 (FN)	20 (TN)	7 (FN)	20 (TN)
	Sensitivity = $TP/[TP+FN] =$ 88.89%	Specificity = $TN/[TN+FP] =$ 95.24%	Sensitivity = $TP/[TP+FN] =$ 84.44%	Specificity = $TN/[TN+FP] =$ 95.24%
Upper 95% CI	98.07%	100%*	95.03%	100%*
Lower 95% CI	79.71%	86.13%	73.86%	86.13%

Classification based on O-PLS-DA models, as described in supplementary protocols in Supporting Information (for 16 Markers:  $R^2Y$  0.736,  $Q^2Y$  0.657; for top 5 markers:  $R^2Y$  0.641,  $Q^2Y$  0.582). Abbreviations: \*calculated upper CI was capped to absolute maximal value of 100%; CI, confidence interval; FN, false negatives; FP, false positives; TN, true negatives; TP, true positives.