

S5 Table. Confusion matrices of HAT vs. control classification ability of UPLC-MS discriminatory markers

	Using all 37 Discriminatory Markers		Using Top 5 Discriminatory Markers	
	Actual HAT Patients	Actual Controls	Actual HAT Patients	Actual Controls
Predicted HAT Patients	15 (TP)	2 (FP)	15 (TP)	2 (FP)
Predicted Controls	1 (FN)	12 (TN)	1 (FN)	12 (TN)
	Sensitivity = $TP/[TP+FN] =$ 93.75%	Specificity = $TN/[TN+FP] =$ 85.71%	Sensitivity = $TP/[TP+FN] =$ 93.75%	Specificity = $TN/[TN+FP] =$ 85.71%
Upper 95% CI	100%*	100%*	100%*	100%*
Lower 95% CI	81.89%	67.38%	81.89%	67.38%

Classification based on O-PLS-DA models (for 16 Markers: R^2Y 0.780, Q^2Y 0.555; for top 5 markers: R^2Y 0.558, Q^2Y 0.505). Abbreviations as described for S3 Table.