

## Table 2

GC-IMS results for the discrimination of urinary VOC of pregnant women that delivered preterm vs. term.

Groups compared		Classifiers	p-value	AUC (CI 95%)	Sensitivity (±95% CI)	Specificity (±95% CI)	PPV	NPV
Preterm: 24 + 0 until 36 + 6	Term: >37 weeks	SLR	0.36	0.56 (0.45–0.68)	0.96 (0.92–1.00)	0.12 (0.03–0.23)	0.71	0.60
Group 1: 24 + 0 until 27 + 6	Group 4a: >37 weeks	SLR	0.99	0.78 (0.58–0.97)	0.63 (0.24–0.91)	0.83 (0.59–0.96)	0.63	0.83
Group 2: 28 + 0 until 31 + 6	Group 4b: >37 weeks	SLR	<b>0.01</b>	<b>0.74 (0.59–0.87)</b>	<b>0.82 (0.67–0.95)</b>	<b>0.94 (0.82–1.00)</b>	<b>0.53</b>	<b>0.80</b>
Group 2 + 3: 28 + 0 until 36 + 6	Group 4b + c: >37 weeks	SVM	<b>0.01</b>	<b>0.70 (0.54–0.85)</b>	<b>0.44 (0.22–0.69)</b>	<b>0.93 (0.76–0.99)</b>	<b>0.80</b>	<b>0.72</b>

VOC, volatile organic compounds; GC-IMS, gas chromatography – ion mobility spectrometry; AUC, area under the curve; CI 95%, confidence interval 95%; SLR, Sparse Logistic Regression; SVM, Support Vector Machine.