

S4 Table. Diagnostic accuracy for Prediction of Unexplained Stillbirth Metabolites §

Model	Metabolites / Clinical factors *	AUC (95% CI)	Best (Sensitivity + Specificity)		
			Sensitivity	Specificity	Threshold
Identified untargeted metabolites only	24-nor-5 beta-cholane- 3 alpha,22,23-tetrol	0.661 (0.564-0.758)	0.800	0.558	0.225
Identified untargeted metabolites plus clinical factors*	MA, Ethnicity, Ut PI, verruculotoxin, 2-aminomuconic acid, 24-nor-5 beta-cholane- 3 alpha,22,23-tetrol	0.785 (0.686-0.884)	0.700	0.725	0.203

§ Analysis limited to the Discovery Group- 22 cases and 120 controls

Identified metabolites – untargeted metabolites putatively identified

* Clinical factors: These were considered in the regression analysis a) PAPP-A MoM + β -hCG MoM + CRL + MA + BMI , b) Ethnicity (black:1 vs others:0), c) Conception (spontaneous:1 vs others:0), d) Smoking, e) Parity (Multi:1 vs Nullipara:0); f) Chronic Hypertension (C.H.:1 vs normal:0), g) Delta NT, h) Uterine artery PI