

Table S3: Area under the curve in the training data for logistic regression and five machine learning methods for the prediction of fetal growth abnormalities.

Method	SGA				LGA			
	Primiparae		Multiparae		Primiparae		Multiparae	
	Pre-pregnancy	26 weeks	Pre-pregnancy	26 weeks	Pre-pregnancy	26 weeks	Pre-pregnancy	26 weeks
LR	0.599	0.673	0.714	0.752	0.627	0.704	0.707	0.747
EN	0.601	0.672	0.709	0.749	0.626	0.705	0.707	0.744
CT	0.614	0.705	0.688	0.707	0.641	0.678	0.670	0.729
RF	0.711	0.822	0.811	0.880	0.732	0.855	0.773	0.838
GB	0.613	0.687	0.734	0.769	0.634	0.713	0.714	0.750
NN	0.604	0.674	0.714	0.753	0.629	0.701	0.707	0.747

Abbreviations: *CT* classification tree, *EN* elastic net, *GB* gradient boosting, *LGA* large for gestational age, *LR* logistic regression, *NN* neural network, *RF* random forest, *SGA* small for gestational age