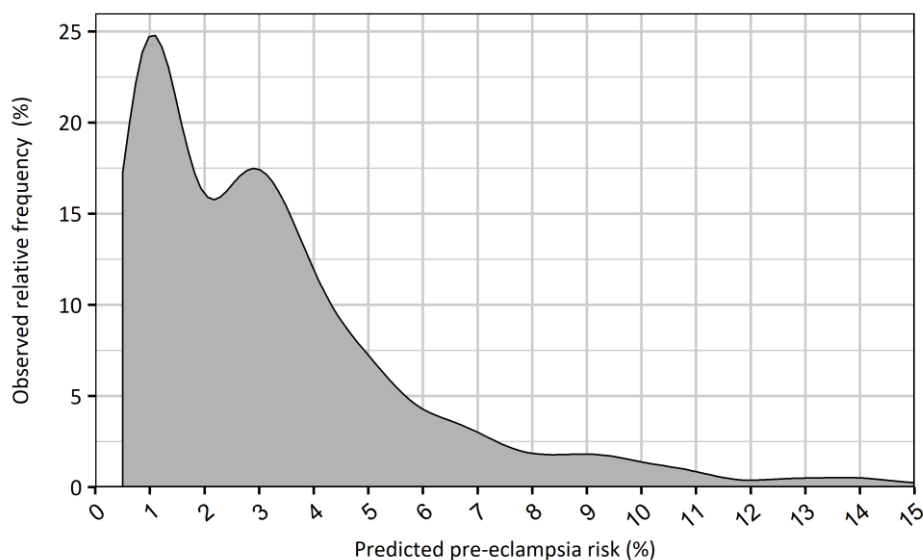


Supplementary file 1 Model algorithm, discriminative performance, and predicted probabilities.

Original study	External validation study	Model algorithm after recalibration	AUC (95% CI)
Syngelaki 2011	Meertens 2018	$Lp = -5.773 + 0.075 (\text{BMI, kg/m}^2) + 0.022 (\text{age, years}) + 1.125 (\text{if Afro-Caribbean}) + 0.804 (\text{if South Asian}) + 0.526 (\text{if East Asian}) + 0.379 (\text{if Mixed}) + 0.289 (\text{if ovulation drugs}) + 0.598 (\text{if IVF}) - 0.233 (\text{if smoker}) + 1.519 (\text{if history of chronic hypertension}) + 0.643 (\text{if type 1 diabetes mellitus}) - 0.332 (\text{if type 2 diabetes mellitus}) - 1.329 (\text{if parous, no history of pre-eclampsia}) + 0.743 (\text{if parous, history of pre-eclampsia}) + 0.580 (\text{if woman's mother had pre-eclampsia}).$	0.77 (0.72-0.81)(8)
<p>AUC, area under the curve; CI, confidence interval; Lp, linear predictor; BMI, body mass index; IVF, in vitro fertilization</p>			



Supplementary Figure s1 Density plot of predicted pre-eclampsia risks.