

Supplementary materials:

Table S1: Inclusion frequency of bootstrap selection variables

Variables	Inclusion frequency (%)	Variables	Inclusion frequency (%)
APTT ratio	92,23	Uterine myoma	32,73
Antepartum bleeding	91,26	Previous PPH	35,46
Pre-eclampsia	89,29	Smoking during pregnancy	24,43
Platelet	92,63	White blood cells	45,26
Labor duration	87,08	Neutrophils	24,90
Multiple pregnancy	81,76	Arterial disease	34,78
Macrosomia *	81,41	Haemoglobin	37,08
Assisted reproductive technology	78,19	Alcohol during pregnancy	33,89
Ethnicity	55,25	Autoimmune disease	19,78
Fibrinogen	76,63	Diabetes mellitus	29,55
Infectious disease	65,39	Temperature	40,62
Term of delivery	65,41	Transfusion history	23,69
Anti-inflammatory drugs	68,75	Monocytes	25,00
Age	66,82	Prothrombin time	24,34
Immature platelet fraction	61,96	Blood group	20,86
Placenta insertion	60,15	Cardiac disease	24,24
Previous C-section	59,39	Hydramnios	21,82
Body mass index	70,51	Intrahepatic cholestasis	23,04
Fibrin monomers	56,92	Parity	20,50
Premature rupture of membranes	52,63	Obstetrical bleeding history	19,04
Gestational hypertension	44,45	Lymphocytes	23,79
Anticoagulants	54,24	Antiplatelets	18,85
D-Dimers	59,60	Psychiatric drugs	23,90
Mean corpuscular volume	39,98	Gestational diabetes	19,85
Anesthesia	38,41	Intrauterine growth restriction	23,19
Instrumental birth	43,43	Venous thromboembolism history	26,12
Labor induction	43,39	Hematocrit	28,65
Weight gain	39,33	Gynecological bleeding history	19,75
Basophils (G/l)	24,61	Premature delivery threat	16,21
Nephrological disease	40,15	Eosinophils	2,43

* *Macrosomia* was defined as a birth weight >4000 grams

PPH: postpartum hemorrhage; C-section: Cesarean section; APTT: Activated Partial Thromboplastin Time

Figure S1: ROC curves of predictive score for PPH (bootstrap simulated samples)

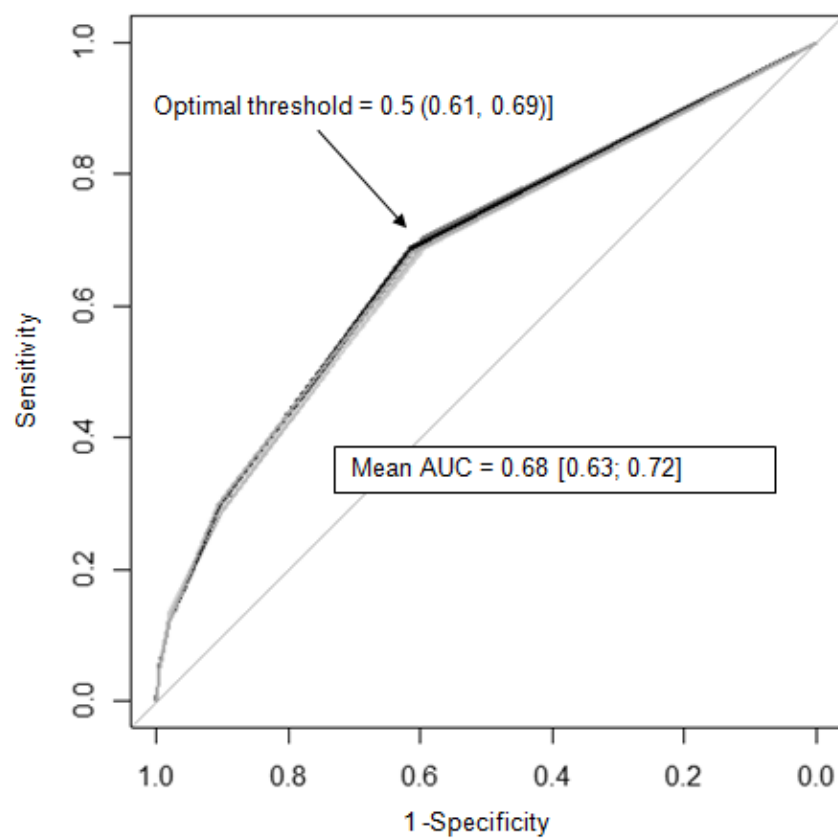


Figure S2: ROC curve of predictive score for PPH on the validation cohort

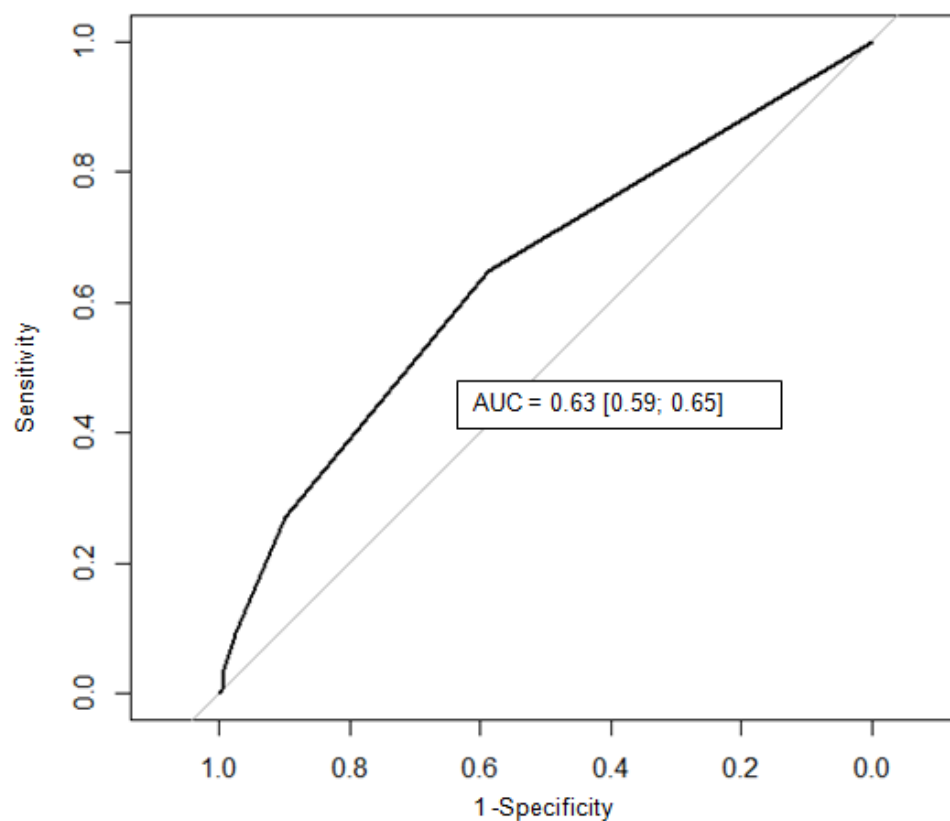


Table S2: Automatic spreadsheet to calculate the exact probability of PPH risk

Probability of postpartum hemmorrhage risk	
	Yes/No ?
CLINICAL PARAMETERS	
Pre-eclampsia	Yes
Antepartum bleeding	No
Multiple pregnancy	Yes
Labor duration ≥ 8 hours	No
Macrosomia *	Yes
BIOLOGICAL PARAMETERS	
Platelets < 150 Giga/l	No
APTT ratio ≥ 1.1	No
PPH probability : 52.8 %	

* Macrosomia was defined as a birth weight >4000 grams

PPH: postpartum hemorrhage; aPTT: Activated Partial Thromboplastin Time