

Table S1. Fetal outcomes in pregnant women with SLE (N=338)

Fetal outcomes	N	%
Live birth	300	88.8%
Term birth	214	63.3%
Preterm birth	86	25.4%
LBW	68	20.1%
Term LBW	13	3.8%
Preterm LBW	55	16.3%
Fetal loss	38	11.2%
Spontaneous abortion	11	3.3%
Therapeutic abortion	21	6.2%
Stillbirth	6	1.8%
Neonatal death	0	0.0%

NOTE: LBW=Low birth weight

Table S2. Spearman correlations among potential predictors of SLE fetal loss

Predictors	Unplanned pregnancy	Pre-pregnancy HBP	Hypo-C₃	Hypo-C₄	Renal disorder	Hematologic disorder	Anti-dsDNA	24h-Urinary protein
Unplanned pregnancy	1.00	0.09	0.10	0.14*	0.16**	0.29**	0.03	0.15**
Pre-pregnancy HBP		1.00	0.05	0.06	0.121*	-0.09	0.10	0.10
Hypo-C₃			1.00	0.46**	0.23**	0.23**	0.15**	0.39**
Hypo-C₄				1.00	0.17**	0.14**	0.11	0.29**
Renal disorder					1.00	0.07	0.03	0.63**
Hematologic disorder						1.00	0.13*	0.15**
Anti-dsDNA							1.00	0.04s
24h-Urinary protein								1.00

NOTE: *P<0.05; **P<0.01; Pre-pregnancy HBP = Pre-pregnancy hypertension; Hypo-C₃=Hypocomplementania-C₃; Hypo-C₄=Hypocomplementania-C₄

Table S3. ROC curve coordinates

Cut-off	Sensitivity	1-Specificity
-1	1	1
0.5	0.842	0.457
1.5	0.816	0.287
2.5	0.711	0.107
3.5	0.605	0.067
4.5	0.237	0.017
6	0	0

Table S4. Using 1.5 as cutoff value

Risk	N	%	Fetal loss(N)	Fetal loss(%)
Low risk (0-1)	221	65.4%	7	3.2%
High risk (>1)	117	34.6%	31	26.5%
Total	338	100%	38	11.2%

P<0.01

Sensitivity= 31/38=81.6%

Specificity=214/300=71.3%

Accuracy= (31+214)/338=72.5%

Positive predictive value=31/117=26.5%

Negative predictive value=214/221=96.8%

Positive likelihood ratio= Sensitivity/ (1- Specificity)=0.816/(1-0.713)=2.84

Negative likelihood ratio=(1-Sensitivity)/Specificity= (1-0.816)/0.713=0.26

Table S5. Using 2.5 as cutoff value

Risk	N	%	Fetal loss(N)	Fetal loss(%)
Low risk (0-2)	279	82.5%	11	3.9%
High risk (>2)	59	17.5%	27	45.8%
Total	338	100%	38	11.2%

P<0.01

Sensitivity= 27/38=71.1%

Specificity=268/300=89.3%

Accuracy= (27+268)/338=87.3%

Positive predictive value=27/59=45.8%

Negative predictive value=268/279=96.1%

Positive likelihood ratio= Sensitivity/ (1- Specificity)=0.711/(1-0.893)=6.64

Negative likelihood ratio=(1-Sensitivity)/Specificity= (1-0.711)/0.893=0.32

Table S6. Using 3.5 as cutoff value

Risk	N	%	Fetal loss(N)	Fetal loss(%)
Low risk (0-3)	295	87.3%	15	5.1%
High risk (>3)	43	12.7%	23	53.5%
Total	338	100%	38	11.2%

P<0.01

Sensitivity= $23/38=60.5\%$

Specificity= $280/300=93.3\%$

Accuracy= $(23+280)/338=89.6\%$

Positive predictive value= $23/43=53.5\%$

Negative predictive value= $280/295=94.9\%$

Positive likelihood ratio= $\text{Sensitivity}/(1-\text{Specificity})=0.605/(1-0.933)=9.03$

Negative likelihood ratio= $(1-\text{Sensitivity})/\text{Specificity}=(1-0.605)/0.933=0.42$