

**Table S1:** Repeated measures ANOVA results. Least square mean  $\pm$  standard error is shown for each trimester during failed pregnancies. Statistically significant analytes are **bolded** (RM-ANOVA  $p < 0.05$ ). Trimesters with statistically significant differences in means are noted by different letters (Tukey's HSD  $p < 0.05$ ).

	1 <sup>st</sup> Trimester	2 <sup>nd</sup> Trimester	3 <sup>rd</sup> Trimester	p-value
WBC 1000/ $\mu$ L	7.79 $\pm$ 0.685	9.19 $\pm$ 0.701	8.84 $\pm$ 0.716	0.146
RBC 10 <sup>6</sup> / $\mu$ L	3.19 $\pm$ 0.102	3.08 $\pm$ 0.104	3.26 $\pm$ 0.105	0.072
HGB g/dL	14.1 $\pm$ 0.56	13.5 $\pm$ 0.57	13.7 $\pm$ 0.58	0.555
HCT %	41.1 $\pm$ 1.10	39.9 $\pm$ 1.12	41.8 $\pm$ 1.14	0.192
MCV fL	10 $\pm$ 1.6	131 $\pm$ 1.6	129 $\pm$ 1.6	0.288
MCH pg	44.4 $\pm$ 1.16	43.9 $\pm$ 1.16	41.6 $\pm$ 1.22	0.173
MCHC g/dL	34.2 $\pm$ 0.40	33.6 $\pm$ 0.40	34.1 $\pm$ 0.41	0.193
RDW %	14.8 $\pm$ 0.32 <sup>A</sup>	14.6 $\pm$ 0.32 <sup>AB</sup>	14.0 $\pm$ 0.34 <sup>B</sup>	<b>0.029</b>
NRBC %	0.75 $\pm$ 0.264	0.50 $\pm$ 0.264	0.0714 $\pm$ 0.282	0.210
Platelets 1000/ $\mu$ L	97.7 $\pm$ 7.73	98.2 $\pm$ 7.74	94.1 $\pm$ 8.10	0.821
MPV fL	13 $\pm$ 0.717	13.6 $\pm$ 0.718	14.1 $\pm$ 0.799	0.374
Neutrophils %	66.4 $\pm$ 2.31 <sup>A</sup>	67.4 $\pm$ 2.37 <sup>AB</sup>	75.5 $\pm$ 2.53 <sup>B</sup>	<b>0.017</b>
Neutrophils 1000/ $\mu$ L	5.15 $\pm$ 0.577 <sup>A</sup>	6.23 $\pm$ 0.593 <sup>AB</sup>	7.06 $\pm$ 0.627 <sup>B</sup>	<b>0.041</b>
Lymphocytes %	20.1 $\pm$ 1.81 <sup>A</sup>	16.2 $\pm$ 1.86 <sup>AB</sup>	14.2 $\pm$ 1.95 <sup>B</sup>	<b>0.024</b>
Lymphocytes 1000/ $\mu$ L	1.56 $\pm$ 0.171	1.45 $\pm$ 0.174	1.29 $\pm$ 0.180	0.228
Monocytes %	2.57 $\pm$ 0.446	3.27 $\pm$ 0.459	2.83 $\pm$ 0.488	0.504
Monocytes 1000/ $\mu$ L	0.204 $\pm$ 0.0398	0.301 $\pm$ 0.0409	0.249 $\pm$ 0.0434	0.188
Eosinophils %	10.89 $\pm$ 1.23 <sup>AB</sup>	13.53 $\pm$ 1.26 <sup>A</sup>	6.73 $\pm$ 1.34 <sup>B</sup>	<b>0.001</b>
Eosinophils 1000/ $\mu$ L	0.855 $\pm$ 0.112 <sup>AB</sup>	1.189 $\pm$ 0.115 <sup>A</sup>	0.559 $\pm$ 0.123 <sup>B</sup>	<b>0.0003</b>
Glucose mg/dL	104 $\pm$ 6.3	108 $\pm$ 6.5	112 $\pm$ 6.7	0.612
BUN mg/dL	45.2 $\pm$ 2.95 <sup>A</sup>	51.9 $\pm$ 3.01 <sup>A</sup>	51.0 $\pm$ 3.07 <sup>A</sup>	<b>0.049</b>
Creatinine mg/dL	1.32 $\pm$ 0.121	1.25 $\pm$ 0.124	1.38 $\pm$ 0.128	0.730
BUN:Creatinine	35.1 $\pm$ 2.96	43.4 $\pm$ 3.04	40.4 $\pm$ 3.12	0.068
Uric Acid mg/dL	0.267 $\pm$ 0.0558	0.260 $\pm$ 0.0558	0.319 $\pm$ 0.0574	0.680
Sodium mEq/L	155 $\pm$ 0.68	155 $\pm$ 0.70	156 $\pm$ 0.72	0.516
Potassium mEq/L	3.64 $\pm$ 0.107	3.74 $\pm$ 0.110	3.79 $\pm$ 0.113	0.625
Chloride mEq/L	119 $\pm$ 0.97	119 $\pm$ 1.00	119 $\pm$ 1.02	0.914
CO <sub>2</sub> mEq/L	23.7 $\pm$ 0.80	24.0 $\pm$ 0.80	23.7 $\pm$ 0.84	0.939
Protein g/dL	7.13 $\pm$ 0.174	7.39 $\pm$ 0.177	7.35 $\pm$ 0.180	0.268
Albumin g/dL	4.67 $\pm$ 0.104	4.75 $\pm$ 0.104	4.65 $\pm$ 0.105	0.330
Globulins g/dL	3.10 $\pm$ 0.276	3.11 $\pm$ 0.284	3.00 $\pm$ 0.284	0.857
Albumin:Globulins	1.72 $\pm$ 0.186	1.64 $\pm$ 0.191	1.54 $\pm$ 0.191	0.488
Calcium mg/dL	9.31 $\pm$ 0.106 <sup>A</sup>	9.28 $\pm$ 0.108 <sup>A</sup>	8.94 $\pm$ 0.111 <sup>B</sup>	<b>0.002</b>
Phosphate mg/dL	4.61 $\pm$ 0.249	4.76 $\pm$ 0.256	4.89 $\pm$ 0.264	0.740
ALKP U/L	277 $\pm$ 24.2 <sup>A</sup>	261 $\pm$ 24.7 <sup>AB</sup>	219 $\pm$ 25.1 <sup>B</sup>	<b>0.039</b>
LDH U/L	490 $\pm$ 32.1	489 $\pm$ 33.0	441 $\pm$ 34.0	0.427
AST U/L	265 $\pm$ 22.3	240 $\pm$ 22.7	239 $\pm$ 23.1	0.353
ALT U/L	41.7 $\pm$ 3.94 <sup>A</sup>	33.2 $\pm$ 4.00 <sup>B</sup>	26.9 $\pm$ 4.04 <sup>B</sup>	<b>0.00003</b>
GGT U/L	66.2 $\pm$ 19.4	47.8 $\pm$ 19.6	52.7 $\pm$ 19.7	0.197
Bilirubin mg/dL	0.200 $\pm$ 0.0557	0.166 $\pm$ 0.0559	0.248 $\pm$ 0.0571	0.414
Cholesterol mg/dL	200 $\pm$ 11.7 <sup>A</sup>	215 $\pm$ 12.0 <sup>AB</sup>	235 $\pm$ 12.2 <sup>B</sup>	<b>0.010</b>
Triglycerides mg/dL	113 $\pm$ 27.5	109 $\pm$ 28.0	159 $\pm$ 28.4	0.101
Iron $\mu$ g/dL	265 $\pm$ 24.7 <sup>A</sup>	227 $\pm$ 24.8 <sup>AB</sup>	188 $\pm$ 25.1 <sup>B</sup>	<b>0.003</b>
CPK U/L	128 $\pm$ 61.0	131 $\pm$ 61.0	265 $\pm$ 64.9	0.221
SED60	18.5 $\pm$ 5.32	29.8 $\pm$ 5.33	21.2 $\pm$ 5.31	0.068
Magnesium mEq/L	2.06 $\pm$ 0.072	2.05 $\pm$ 0.072	1.95 $\pm$ 0.075	0.368
eGFR mL/min	223 $\pm$ 13.1	244 $\pm$ 13.4	242 $\pm$ 13.6	0.247
Progesterone	17.97 $\pm$ 2.50 <sup>A</sup>	18.39 $\pm$ 2.72 <sup>A</sup>	7.61 $\pm$ 2.72 <sup>B</sup>	<b>0.0004</b>