

**Supplementary Table SII** Interaction of mF-G score with diagnostic group with respect to NEFA parameters.

<b>Dependent variables</b>	<b>Independent variables</b>	<b><math>\beta</math> coefficient <math>\pm</math> SE</b>	<b>P-value</b>	<b>R<sup>2</sup></b>
NEFA <sub>0</sub> ( $\mu\text{mol/l}$ )	Diagnostic group $\times$ mF-G score	$-0.039 \pm 0.026$	0.137	5.3
	mF-G score	$0.038 \pm 0.029$	0.185	
	Diagnostic group	$-0.093 \pm 0.062$	0.14	
$g_s$ (mmol/l)	Diagnostic group $\times$ mF-G score	$0.035 \pm 0.030$	0.248	6.8
	mF-G score	$-0.029 \pm 0.033$	0.385	
	Diagnostic group	$0.081 \pm 0.072$	0.262	
$\log K_C$ (%/min)	Diagnostic group $\times$ mF-G score	$-0.051 \pm 0.039$	0.199	4.8
	mF-G score	$0.047 \pm 0.042$	0.272	
	Diagnostic group	$-0.140 \pm 0.091$	0.132	
Latency ( $\tau$ ) (min)	Diagnostic group $\times$ mF-G score	$-0.010 \pm 0.034$	0.771	0.18
	mF-G score	$0.010 \pm 0.037$	0.789	
	Diagnostic group	$-0.033 \pm 0.080$	0.679	
$\log \Phi$ (mmol/l)	Diagnostic group $\times$ mF-G score	$-0.066 \pm 0.067$	0.332	4.9
	mF-G score	$0.054 \pm 0.073$	0.467	
	Diagnostic group	$-0.161 \pm 0.158$	0.313	
$S_{FFA}$ ( $\mu\text{mol/l/min}$ )	Diagnostic group $\times$ mF-G score	$0.002 \pm 0.034$	0.948	0.4
	mF-G score	$0.001 \pm 0.037$	0.987	
	Diagnostic group	$0.027 \pm 0.081$	0.744	
$K_{FFA}$ (%/min)	Diagnostic group $\times$ mF-G score	$0.002 \pm 0.034$	0.406	1.6
	mF-G score	$0.001 \pm 0.037$	0.376	
	Diagnostic group	$0.003 \pm 0.072$	0.971	

Diagnostic group was coded as PCOS = 1 and Control = 0.

See text for key to abbreviations.