

## Online only Appendix 1

Correlation of  $IS_{\text{HOMA C-Pep}}$  and  $IS_{\text{Quicki C-Pep}}$  with  $IS_{\text{HOMA}}$ ,  $IS_{\text{Quicki}}$  and  $IS_{\text{OGTT}}$

$IS_{\text{HOMA C-Pep}}$  vs.  $IS_{\text{HOMA}}$   $r=0.735$

$IS_{\text{HOMA C-Pep}}$  vs.  $IS_{\text{Quicki}}$   $r= 0.771$

$IS_{\text{HOMA C-Pep}}$  vs.  $IS_{\text{OGTT}}$   $r= 0.676$

$IS_{\text{Quicki C-Pep}}$  vs.  $IS_{\text{HOMA}}$   $r=0.753$

$IS_{\text{Quicki C-Pep}}$  vs.  $IS_{\text{Quicki}}$   $r= 0.810$

$IS_{\text{Quicki C-Pep}}$  vs.  $IS_{\text{OGTT}}$   $r= 0.707$