

**Supplemental Table 1. Unstandardized SEM Estimates Relating Sequential Hormone/SHBG and Waist Circumference Measurements to Each Other.**

	Waist →Hormone (Red Arrows)	Hormone→Waist (Blue Arrows)	Hormone→Hormone (Upper Black Arrows)	Waist →Waist (Lower Black Arrows)
<b>SHBG</b>				
Visit 0→Visit 3	-0.09 nM**	0.01 cm	0.63 nM***	0.98 cm***
Visit 3→Visit 6	-0.07 nM*	<-0.01 cm	0.76 nM***	0.94 cm***
Visit 6→Visit 9	-0.25 nM***	<0.01 cm	0.57 nM***	0.95 cm***
<b>Testosterone</b>				
Visit 0→Visit 3	0.16 ng/dL ***	<0.01 cm	0.26 ng/dL ***	0.98 cm***
Visit 3→Visit 6	0.11 ng/dL ***	-0.01 cm	0.53 ng/dL ***	0.95 cm***
Visit 6→Visit 9	0.08 ng/dL **	0.01 cm	0.75 ng/dL ***	0.95 cm***
<b>FSH†</b>				
Visit 0→Visit 3	-0.11 mIU/mL ***¥	-0.02 cm	6.58 mIU/mL ***¥	0.98 cm***
Visit 3→Visit 6	-0.18 mIU/mL ***¥	-0.01 cm	4.15 mIU/mL ***¥	0.94 cm***
Visit 6→Visit 9	-0.82 mIU/mL ***¥	0.05 cm	2.22 mIU/mL ***¥	0.95 cm***
<b>Estradiol†</b>				
<b>Premenopausal/Early Perimenopausal</b>				
Visit 0→Visit 3	-0.55 pg/mL ***¥	0.52 cm	17.54 pg/mL ***¥	0.94 cm***
Visit 3→Visit 6	0.35 pg/mL ¥	-0.64 cm*	7.61 pg/mL ***¥	0.94 cm***
<b>Late Perimenopausal/Postmenopausal</b>				
Visit 3→Visit 6	0.69 pg/mL ***¥	-0.67 cm*	1.38 pg/mL ¥	0.95 cm***
Visit 6→Visit 9	0.22 pg/mL ***¥	-0.15 cm	5.11 pg/mL ***¥	0.98 cm***

\*P<0.05; \*\*P<0.01; \*\*\*P<0.001

†Estimates provided are back-transformed from models using Log2(FSH) and Log2(Estradiol)

¥Estimates provided are interpreted as the increase or decrease in FSH or estradiol, respectively, at the subsequent visit for a woman with average FSH or estradiol values, respectively, at the prior visit