

**SUPPLEMENTAL TABLE 3**

Exemplary estimates of VAT, 95% confidence intervals for VAT values and corresponding WC in females

	VAT estimate: 0.5L		VAT estimate: 1.5L		VAT estimate: 2.5L		VAT estimate: 3.5L		VAT estimate: 4.5L	
	95% CI	WC (cm)	95% CI	WC (cm)	95% CI	WC (cm)	95% CI	WC (cm)	95% CI	WC (cm)
WC <sub>SHIP-tape</sub>	0- 1.6 L	66.6	0.5- 3.1 L	79.5	1.1- 4.5 L	88.4	1.7- 5.9 L	95.6	2.5- 7.1 L	101.8
WC <sub>SHIP-PBS</sub>	0- 1.6 L	68.1	0.4- 3.2 L	82.4	1.0- 4.6 L	92.2	1.7- 6.0 L	100.2	2.4- 7.2 L	107.1
WC <sub>rib</sub>	0- 1.6 L	68.0	0.5- 3.1 L	80.7	1.1- 4.5 L	89.5	1.8- 5.8 L	96.6	2.5- 7.1 L	102.8
WC <sub>mid</sub>	0- 1.7 L	70.1	0.4- 3.3 L	84.5	1.0- 4.7 L	94.3	1.6- 6.1 L	102.3	2.3- 7.4 L	109.3
WC <sub>iliac</sub>	0- 1.8 L	76.5	0.3- 3.5 L	90.3	0.9- 5.0 L	99.8	1.5- 6.4 L	107.5	2.2- 7.7 L	114.2
WC <sub>min</sub>	0- 1.5 L	67.3	0.5- 3.1 L	80.3	1.1- 4.5 L	89.2	1.8- 5.8 L	96.4	2.5- 7.1 L	102.7
WC <sub>nar</sub>	0- 1.5 L	67.5	0.5- 3.1 L	80.4	1.1- 4.5 L	89.3	1.8- 5.8 L	96.6	2.5- 7.1 L	102.8
WC <sub>max</sub>	0- 1.8 L	76.8	0.3- 3.5 L	90.5	0.9- 4.9 L	99.9	1.5- 6.3 L	107.6	2.2- 7.6 L	114.2

VAT is given in liters (L); WC is given in cm

**SUPPLEMENTAL TABLE 4**

Exemplary estimates of VAT, 95% confidence intervals for VAT values and corresponding WC in males

	VAT estimate: 2L		VAT estimate: 3.5L		VAT estimate: 5L		VAT estimate: 6.5L		VAT estimate: 8L	
	95% CI	WC (cm)	95% CI	WC (cm)	95% CI	WC (cm)	95% CI	WC (cm)	95% CI	WC (cm)
WC <sub>SHIP-tape</sub>	0.8- 3.7 L	81.4	1.8- 5.7 L	90.7	2.9- 7.6 L	98.2	4.1- 9. L	104.6	5.3- 11.2 L	110.3
WC <sub>SHIP-PBS</sub>	0.7- 3.9 L	82.7	1.7- 5.9 L	92.4	2.8- 7.8 L	100.2	4.0- 9.6 L	106.9	5.2- 11.4 L	112.8
WC <sub>rib</sub>	0.8- 3.7 L	82.9	1.9- 5.6 L	92.4	3.0- 7.5 L	100.0	4.2- 9.3 L	106.5	5.4- 11.1 L	112.3
WC <sub>mid</sub>	0.7- 4.0 L	82.8	1.7- 6.0 L	93.1	2.8- 7.9 L	101.3	3.9- 9.8 L	108.4	5.1- 11.6 L	114.6
WC <sub>iliac</sub>	0.6- 4.2 L	84.6	1.5- 6.3 L	94.4	2.6- 8.2 L	102.1	3.7- 10.1 L	108.8	4.8- 12.0 L	114.8
WC <sub>min</sub>	0.8- 3.8 L	81.6	1.8- 5.7 L	91.2	2.9- 7.6 L	98.9	4.1- 9.4 L	105.5	5.3- 11.2 L	111.4
WC <sub>nar</sub>	0.8- 3.7 L	81.8	1.8- 5.7 L	91.5	2.9- 7.6 L	99.2	4.1- 9.4 L	105.9	5.3- 11.2 L	111.8
WC <sub>max</sub>	0.7- 4.0 L	85.5	1.6- 6.1 L	95.3	2.7- 8.0 L	103.2	3.8- 9.9)	109.9	5.0- 11.7 L	115.9

VAT is given in liters (L); WC is given in cm