

Title: Sex and site-specific trends in veined rapa whelk (*Rapana venosa*) tributyltin bioaccumulation: considerations for biomonitoring

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Supplementary Material 3. Summary of linear regressions used to describe relationships between whelk morphological metrics and butyltin parameters presented in Figures 2, 4, and 5. Coefficient standard errors are in parentheses. SL = shell length (mm). PL = penis length (mm). WTW = wet tissue weight (g). IS = Imposex severity. NA = not applicable.

X	Y	Females			Males			
		River	Creek	Marina	River	Creek	Marina	
		n	20	16	11	10	10	9
log SL	log PL	Y	-1.48	-1.21	0.63	-0.70	-1.27	-1.48
		intercept	(0.88)	(1.31)	(1.28)	(0.53)	(1.04)	(1.02)
		Slope	1.18	1.08	0.24	1.02	1.32	1.44
		R ²	0.26	0.13	0.01	0.61	0.40	0.22
log [TBT]	log IS	Y	-1.27	-1.31	-1.29	NA	NA	NA
		intercept	(0.13)	(0.13)	(0.22)			
		Slope	0.11	0.21	0.21	NA	NA	NA
		R ²	0	0.22	0.29	NA	NA	NA
WTW	[TBT]	Y	NA	NA	425	NA	NA	383.2
		intercept			(74.1)			(32.8)
		Slope	NA	NA	-5.96	NA	NA	-2.74
		R ²	NA	NA	0.47	NA	NA	0.58
	[DBT]	Y	NA	NA	264.3	NA	NA	326.6
intercept				(52.9)			(66.0)	
Slope		NA	NA	-2.50	NA	NA	-2.86	
		R ²	NA	NA	0.20	NA	NA	0.32
	[MBT]	Y	NA	NA	39.2	NA	NA	31.7
intercept				(11.1)			(8.17)	
Slope		NA	NA	-0.53	NA	NA	-0.28	
		R ²	NA	NA	0.20	NA	NA	0.12