

SAMPLE A (all footprints) - Reduced Major Axis (RMA) regression - Statistics

All Footprints				Trackway A				Trackway B				Trackway C			
RMA Regression: Footprint width (Fw)-Footprint length (Fl)				RMA Regression: Footprint width (Fw)-Footprint length (Fl)				RMA Regression: Footprint width (Fw)-Footprint length (Fl)				RMA Regression: Footprint width (Fw)-Footprint length (Fl)			
Slope AE	1.1528	Std. error a:	0.16454	Slope AE	0.79878	Std. error a:	0.13131	Slope AE	-0.98022	Std. error a:	0.25178	Slope AE	-0.68983	Std. error a:	0.17859
t:	7.006	p (slope):	7.198E-9	t:	6.0833	p (slope):	0.048969	t:	3.8932	p (slope):	0.0014411	t:	3.8626	p (slope):	0.018107
Intercept AC	0.41185	Std. error b:	0.39032	Intercept AC	1.2647	Std. error b:	0.31412	Intercept AC	5.4133	Std. error b:	0.59015	Intercept AC	4.7487	Std. error b:	0.41907
95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):			
Slope AE	(0.82285, 3.7878)			Slope AE	(0.46864, 0.95594)			Slope AE	(-3.482, -0.56122)			Slope AE	(1.0233, 0.81454)		
Intercept AC	(-5.8424, 1.201)			Intercept AC	(0.88857, 2.0525)			Intercept AC	(4.4386, 11.275)			Intercept AC	(1.2421, 5.5551)		
Correlation:				Correlation:				Correlation:				Correlation:			
r:	0.14865			r:	0.65767			r:	-0.10173			r:	-0.85551		
r2:	0.022097			r2:	0.43253			r2:	0.010348			r2:	0.7319		
t:	1.0414			t:	4.0008			t:	-0.39604			t:	-3.73045		
p (uncorr.):	0.30289			p (uncorr.):	0.00064853			p (uncorr.):	0.69765			p (uncorr.):	0.029807		
Permutation p:	0.2979			Permutation p:	0.0017			Permutation p:	0.7017			Permutation p:	0.0126		
RMA Regression: Footprint area (Fa)-Footprint length (Fl)				RMA Regression: Footprint area (Fa)-Footprint length (Fl)				RMA Regression: Footprint area (Fa)-Footprint length (Fl)				RMA Regression: Footprint area (Fa)-Footprint length (Fl)			
Slope AE	0.5049	Std. error a:	0.043471	Slope AE	0.36937	Std. error a:	0.03841	Slope AE	0.3662	Std. error a:	0.085221	Slope AE	0.88969	Std. error a:	0.4437
t:	11.615	p (slope):	1.5093E-15	t:	9.6165	p (slope):	0.00021908	t:	4.297	p (slope):	0.00063558	t:	2.0051	p (slope):	0.1544
Intercept AC	0.49624	Std. error b:	0.22814	Intercept AC	1.2195	Std. error b:	0.20306	Intercept AC	1.2045	Std. error b:	0.44495	Intercept AC	-1.4963	Std. error b:	2.3077
95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):			
Slope AE	(0.43069, 0.57754)			Slope AE	(0.26221, 0.43975)			Slope AE	(0.24868, 1.084)			Slope AE	(0.57296, 3.1876)		
Intercept AC	(0.10762, 0.88456)			Intercept AC	(0.84373, 1.794)			Intercept AC	(-2.5524, 1.8163)			Intercept AC	(-1.3493, 3.2083)		
Correlation:				Correlation:				Correlation:				Correlation:			
r:	0.80261			r:	0.88529			r:	0.43316			r:	0.07162		
r2:	0.64418			r2:	0.78373			r2:	0.18763			r2:	0.0051294		
t:	9.322			t:	8.5134			t:	1.8613			t:	0.14361		
p (uncorr.):	2.3954E-12			p (uncorr.):	0.00044012			p (uncorr.):	0.082412			p (uncorr.):	0.89275		
Permutation p:	0.0001			Permutation p:	0.0001			Permutation p:	0.0781			Permutation p:	0.871		
RMA Regression: Fw/Fl x 100 (Fin)-Footprint length (Fl)				RMA Regression: Fw/Fl x 100 (Fin)-Footprint length (Fl)				RMA Regression: Fw/Fl x 100 (Fin)-Footprint length (Fl)				RMA Regression: Fw/Fl x 100 (Fin)-Footprint length (Fl)			
Slope AE	-0.81611	Std. error a:	0.0827	Slope AE	-1.0263	Std. error a:	0.22809	Slope AE	-0.66568	Std. error a:	0.11613	Slope AE	-0.42099	Std. error a:	0.066743
t:	-9.8683	p (slope):	3.9018E-13	t:	-4.4994	p (slope):	0.00021908	t:	-5.7323	p (slope):	0.03965	t:	-6.3076	p (slope):	0.0032302
Intercept AC	6.2715	Std. error b:	0.3169	Intercept AC	7.0963	Std. error b:	0.87237	Intercept AC	5.6672	Std. error b:	0.44507	Intercept AC	4.7387	Std. error b:	0.25503
95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):			
Slope AE	(-0.93723, -0.61631)			Slope AE	(-3.6635, -0.78603)			Slope AE	(-0.95881, -0.34158)			Slope AE	(-0.58058, -0.15959)		
Intercept AC	(5.5039, 6.7422)			Intercept AC	(6.1987, 17.171)			Intercept AC	(4.432, 6.7823)			Intercept AC	(3.7471, 5.3623)		
Correlation:				Correlation:				Correlation:				Correlation:			
r:	-0.71211			r:	-0.10992			r:	-0.73723			r:	-0.9484		
r2:	0.50711			r2:	0.012082			r2:	0.5435			r2:	0.89946		
t:	-70274			t:	-0.49457			t:	-4.226			t:	-59821		
p (uncorr.):	6.6758E-9			p (uncorr.):	0.62629			p (uncorr.):	0.00073343			p (uncorr.):	0.0039253		
Permutation p:	0.0001			Permutation p:	0.6274			Permutation p:	0.001			Permutation p:	0.0054		

SAMPLE B (selected footprints) - Reduced Major Axis (RMA) regression - Statistics

All Footprints				Trackway A				Trackway B			
RMA Regression: Footprint width (Fw)-Footprint length (Fl)				RMA Regression: Footprint width (Fw)-Footprint length (Fl)				RMA Regression: Footprint width (Fw)-Footprint length (Fl)			
Slope AE	0.89389	Std. error a:	0.17957	Slope AE	0.15254	Std. error a:	0.053289	Slope AE	0.14873	Std. error a:	0.055602
t:	49.779	p (slope):	0.83526	t:	28.625	p (slope):	0.024249	t:	26.748	p (slope):	0.031776
Intercept b:	0.45847	Std. error b:	0.18522	Intercept AC	28.326	Std. error b:	0.12915	Intercept AC	27.917	Std. error b:	0.12979
95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):			
Slope a:	(0.37559, 1.209)			Slope AE	(0.059607, 0.53379)			Slope AE	(0.02532, 0.5006)		
Intercept b:	(-0.13813, 0.98482)			Intercept AC	(1.9074, 3.0562)			Intercept AC	(1.9683, 3.0832)		
Correlation:				Correlation:				Correlation:			
r:	0.48294			r:	0.38175			r:	0.14709		0.14709
r2:	0.23323			r2:	0.14573			r2:	0.021636		0.021636
t:	2.404			t:	10.928			t:	0.39345		0.39345
p (uncorr.):	0.026582			p (uncorr.):	0.31067			p (uncorr.):	0.7057		0.7057
Permutation p:	0.0233			Permutation p:	0.3099			Permutation p:	0.7248		0.7248
RMA Regression: Footprint area (Fa)-Footprint length (Fl)				RMA Regression: Footprint area (Fa)-Footprint length (Fl)				RMA Regression: Footprint area (Fa)-Footprint length (Fl)			
Slope AE	0.47767	Std. error a:	0.10242	Slope AE	0.092524	Std. error a:	0.029991	Slope AE	-0.045899	Std. error a:	0.017192
t:	46.641	p (slope):	0.0001691	t:	30.851	p (slope):	0.017689	t:	26.698	p (slope):	0.032009
Intercept AC	0.65082	Std. error b:	0.54196	Intercept AC	27.051	Std. error b:	0.16117	Intercept AC	33.789	Std. error b:	0.08992
95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):			
Slope AE	(0.23347, 1.5749)			Slope AE	(-0.018946, 0.34601)			Slope AE	(-0.17122, -0.01971)		
Intercept AC	(-5.1896, 1.9337)			Intercept AC	(1.348, 3.2996)			Intercept AC	(3.2404, 4.0387)		
Correlation:				Correlation:				Correlation:			
r:	0.35578			r:	0.51431			r:	-0.13394		
r2:	0.12658			r2:	0.26452			r2:	0.017941		
t:	16.594			t:	15.867			t:	-0.35761		
p (uncorr.):	0.11345			p (uncorr.):	0.15661			p (uncorr.):	0.73118		
Permutation p:	0.1077			Permutation p:	0.1618			Permutation p:	0.7298		
RMA Regression: Fw/Fl x 100 (Fin)-Footprint length (Fl)				RMA Regression: Fw/Fl x 100 (Fin)-Footprint length (Fl)				RMA Regression: Fw/Fl x 100 (Fin)-Footprint length (Fl)			
Slope AE	-0.92637	Std. error a:	0.19258	Slope AE	0.162	Std. error a:	0.059183	Slope AE	-0.15313	Std. error a:	0.057873
t:	-48.102	p (slope):	0.00012163	t:	27.372	p (slope):	0.029034	t:	26.459	p (slope):	0.033137
Intercept AC	66.994	Std. error b:	0.73214	Intercept AC	25.824	Std. error b:	0.22646	Intercept AC	37.207	Std. error b:	0.21992
95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):				95% bootstrapped confidence intervals (N=1999):			
Slope AE	(-3.0914, -0.7512)			Slope AE	(0.068054, 0.58691)			Slope AE	(-0.53912, -0.080895)		
Intercept AC	(6.0425, 14.971)			Intercept AC	(0.95372, 2.9452)			Intercept AC	(3.4461, 5.1882)		
Correlation:				Correlation:				Correlation:			
r:	-0.42291			r:	0.25636			r:	-0.011764		
r2:	0.17885			r2:	0.065719			r2:	0.00013839		
t:	-20.343			t:	0.70171			t:	-0.031127		
p (uncorr.):	0.056122			p (uncorr.):	0.50551			p (uncorr.):	0.97604		
Permutation p:	0.0535			Permutation p:	0.4905			Permutation p:	0.9767		