Table S2. Probability matrix for t-tests performed on paired osprey track segments in transformed magnetic coordinate space (y_T *vs.* z_T).

	Bea (2)	Belle (1)	**Belle (2)**	**Belle (3)**	**Caley (1)**	**Caley (2)**	**Caley (3)**	**Caley (4)**	**Felix (1)**	**Felix (2)**	**Henrietta (1)**	**Henrietta (2)**	**Isabel (1)**	**Isabel (2)**	**Isabel (3)**	**Luke (1)**	**Luke (2)**	**Mittark (1)**	**Mittark (2)**	**Mittark (3)**	**Moffet (1)**	**Moffet (2)**	**Chip (1)**	**Chip (2)**
Bea (1)	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.04	**0.06**	0.00	0.03	0.00	0.00	**0.57**	**0.56**	0.03	0.00	0.00	0.04	0.00	0.02	0.00
Bea (2)		0.00	0.00	0.00	0.00	**0.06**	0.00	0.00	0.00	0.00	0.00	**0.69**	0.00	0.00	**0.09**	0.00	0.00	0.00	0.00	0.00	0.01	0.00	**0.92**	0.00
Belle (1)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.22**	0.00	0.00	0.00
Belle (2)				0.00	**0.20**	0.00	**0.20**	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.34**	0.00	0.00	0.00
Belle (3)					0.00	0.00	0.00	**0.32**	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	**0.05**	0.00
Caley (1)						0.00	**0.80**	0.00	0.00	0.02	0.00	0.00	**0.31**	0.00	0.00	0.01	**0.09**	0.00	0.00	0.00	**0.17**	0.00	0.01	0.00
Caley (2)							0.00	0.00	**0.51**	0.00	0.00	**0.08**	0.00	**0.26**	**0.62**	0.00	0.00	0.00	**0.13**	0.00	0.01	**0.47**	**0.61**	**0.73**
Caley (3)								0.00	0.00	0.00	0.00	0.00	**0.07**	0.00	0.00	0.00	0.02	0.00	0.00	0.00	**0.18**	0.00	0.00	0.00
Caley (4)									0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.05**	0.00
Felix (1)										0.00	0.00	0.00	0.00	**0.23**	**0.85**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.45**	**0.51**
Felix (2)											**0.52**	0.00	0.00	0.00	0.00	0.01	0.01	**0.57**	0.00	0.00	0.03	0.00	**0.22**	0.00
Henrietta (1)												0.00	0.00	0.00	0.00	0.03	0.01	**0.37**	0.00	0.00	0.02	0.00	**0.15**	0.00
Henrietta (2)													0.00	0.00	**0.11**	0.00	0.00	0.00	0.00	0.00	0.01	0.01	**0.96**	0.00
Isabel (1)														0.00	0.00	0.00	**0.12**	0.00	0.00	0.00	**0.09**	0.00	0.00	0.00
Isabel (2)															**0.88**	0.00	0.00	0.00	**0.41**	0.00	0.01	0.00	**0.37**	**0.16**
Isabel (3)																0.00	0.00	0.00	**0.69**	0.04	0.01	**0.32**	**0.46**	**0.73**
Luke (1)																	**0.18**	0.01	0.00	0.00	0.03	0.00	0.03	0.00
Luke (2)																		0.00	0.00	0.00	**0.06**	0.00	0.01	0.00
Mittark (1)																			0.00	0.00	0.02	0.00	**0.24**	0.00
Mittark (2)																				0.00	0.01	0.00	**0.32**	0.01
Mittark (3)																					0.00	0.00	**0.06**	0.00
Moffet (1)																						0.00	0.01	0.01
Moffet (2)																							**0.75**	0.03
Chip (1)																								**0.52**

P-values that are not significantly different (α=0.05) are shown in bold. doi:10.1371/journal.pone.XXXXXXX.YYYY