

Table S3. Classification table for discriminant function analysis (DFA) using step as a classification variable and performance variables as covariates

Actual step no.	Step no. as classified by DFA					Misclassified steps (%)	Misclassified strides (%)
	1	2	3	4	5		
1	17	2	<i>1</i>	0	0	15	15
2	0	5	0	<i>1</i>	0	17	17
3	0	3	9	<i>2</i>	0	36	14
4	0	0	0	5	1	17	0
5	0	0	<i>1</i>	4	9	36	7

Misclassified steps is the total percentage of steps not classified as the correct step (the overall misclassification rate was 25%).

Misclassified strides is the total percentage not classified correctly using our stride based grouping (step 1=stride 1; steps 2 and 3=stride 2; steps 4 and 5=stride 3). Numbers in italics represent data points that would still be misclassified using our stride-based grouping (seven out of 60).