Table S2. Classification table for discriminant function analysis (DFA) using step as a classification variable and kinematic variables as covariates

Actual step no.	Step no. as classified by DFA					Misclassified steps (%)	Misclassified strides (%)
	1	2	3	4	5		
1	18	*1*	*1*	0	0	10	10
2	0	3	2	*1*	0	50	17
3	*1*	3	9	0	*1*	36	14
4	0	0	0	6	0	0	0
5	0	0	*1*	2	11	21	7

Misclassified steps is the total percentage of steps not classified as the correct step (the overall misclassification rate was 22%).
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 (six out of 60).