Table 3. Summary of principle component analysis of 3D lower limb joint moments.

Joint	Plane	PC1 % Variance explained	% of gait cycle	PC2 % Variance explained	% of gait cycle	PC3 % Variance explained	% of gait cycle	PC4 % Variance explained	% of gait cycle	PC5 % Variance explained	% of gait cycle	PC6 % Variance explained	% of gait cycle
	sagittal	40.90	27 to 45	16.65	12 to 15	15.53	6 to 9	8.40	1 to 4	6.29	47 to 48	5.01	49 to 50
Hip	frontal	44.38	10 to 34	24.12	37 to 46	11.94	4 to 7	9.83	47 to 51	5.48	1 to 2		
	transverse	33.21	6 to 22	29.24	32 to 46	15.53	25 to 30	8.72	48 to 51	7.93	1 to 4		
	sagittal	35.24	28 to 44	24.05	16 to 24	23.21	4 to 12	11.22	49 to 50 1 to 2				
Knee	frontal	40.42	24 to 42	30.99	5 to 19	9.67	48 to 51	5.950	1 to 3				
	transverse	44.54	26 to 48	26.38	11 to 23	10.31	6 to 9	8.24	1 to 4	5.84	50 to 51		
	sagittal	35.83	26 to 43	26.07	12 to 23	19.25	1 to 9	14.74	45 to 51				
Ankle	frontal	33.96	10 to 27	25.76	30 to 41	18.26	43 to 51	17.76	1 to 8				
	transverse	45.34	25 to 47	22.17	12 to 21	11.14	6 to 10	9.48	1 to 4	6.55	49 to 51		