

Spatio-temporal parameters (mean \pm STD)

Case	Cycle Time [s]	Cadence [steps/min]	Back Stride Distance [m]	Front Stride Distance [m]	Speed [m/s]	BR Step Distance [m]	BR Step Height [mm]
Dog 1 reference	0.651 \pm 0.030	369.5 \pm 17.12	0.686 \pm 0.033	0.686 \pm 0.034	1.057 \pm 0.081	0.324 \pm 0.025	37.15 \pm 2.557
Dog 1 K9 power	0.651 \pm 0.027	369.4 \pm 15.73	0.677 \pm 0.029	0.676 \pm 0.014	1.040 \pm 0.042	0.316 \pm 0.027	38.58 \pm 3.801
Dog 1 K9 power (leash)	0.630 \pm 0.024	381.5 \pm 14.41	0.652 \pm 0.021	0.649 \pm 0.016	1.035 \pm 0.052	0.325 \pm 0.018	38.96 \pm 1.649
Dog 1 K9 IDC	0.692 \pm 0.021	347.3 \pm 10.30	0.639 \pm 0.036	0.637 \pm 0.028	0.923 \pm 0.050	0.287 \pm 0.034	37.84 \pm 2.076
Dog 1 K9 IDC (leash)	0.695 \pm 0.032	346.2 \pm 16.74	0.634 \pm 0.035	0.636 \pm 0.031	0.924 \pm 0.068	0.312 \pm 0.028	52.90 \pm 12.232
Dog 1 K9 Duo-Flex	0.699 \pm 0.027	344.1 \pm 13.65	0.636 \pm 0.037	0.638 \pm 0.020	0.914 \pm 0.053	0.304 \pm 0.033	40.47 \pm 4.078
Dog 1 K9 Duo-Flex (leash)	0.661 \pm 0.042	364.5 \pm 24.09	0.605 \pm 0.046	0.606 \pm 0.036	0.921 \pm 0.098	0.292 \pm 0.032	42.86 \pm 3.341
Dog 2 reference	0.609 \pm 0.049	396.4 \pm 30.09	0.482 \pm 0.040	0.482 \pm 0.032	0.800 \pm 0.061	0.204 \pm 0.026	29.35 \pm 2.769
Dog 2 K9 power	0.626 \pm 0.039	384.6 \pm 22.47	0.497 \pm 0.032	0.496 \pm 0.029	0.798 \pm 0.071	0.216 \pm 0.020	26.77 \pm 2.324
Dog 2 K9 power (leash)	0.607 \pm 0.056	398.9 \pm 40.23	0.465 \pm 0.026	0.464 \pm 0.028	0.777 \pm 0.102	0.191 \pm 0.023	29.01 \pm 2.854
Dog 2 K9 IDC	0.550 \pm 0.045	439.6 \pm 36.94	0.508 \pm 0.046	0.506 \pm 0.032	0.926 \pm 0.059	0.210 \pm 0.022	30.31 \pm 4.699
Dog 2 K9 IDC (leash)	0.539 \pm 0.042	448.1 \pm 36.47	0.516 \pm 0.039	0.514 \pm 0.028	0.957 \pm 0.120	0.216 \pm 0.028	27.85 \pm 1.673
Dog 2 K9 Duo-Flex	0.579 \pm 0.033	416.0 \pm 24.06	0.541 \pm 0.040	0.541 \pm 0.028	0.939 \pm 0.088	0.241 \pm 0.023	25.79 \pm 1.866
Dog 2 K9 Duo-Flex (leash)	0.545 \pm 0.027	441.5 \pm 21.50	0.519 \pm 0.029	0.520 \pm 0.021	0.954 \pm 0.050	0.222 \pm 0.027	27.94 \pm 2.730
Dog 3 reference	0.399 \pm 0.028	604.7 \pm 42.27	0.313 \pm 0.014	0.313 \pm 0.018	0.787 \pm 0.075	0.146 \pm 0.013	17.75 \pm 1.939
Dog 3 K9 power	0.393 \pm 0.034	614.4 \pm 50.85	0.307 \pm 0.013	0.308 \pm 0.013	0.787 \pm 0.079	0.144 \pm 0.009	14.86 \pm 3.073
Dog 3 K9 power (leash)	0.406 \pm 0.028	594.4 \pm 42.00	0.326 \pm 0.010	0.322 \pm 0.011	0.806 \pm 0.063	0.158 \pm 0.011	17.58 \pm 2.932
Dog 3 K9 IDC	0.392 \pm 0.026	614.5 \pm 40.03	0.316 \pm 0.023	0.314 \pm 0.021	0.809 \pm 0.087	0.147 \pm 0.014	16.33 \pm 2.557
Dog 3 K9 IDC (leash)	0.405 \pm 0.036	597.2 \pm 54.08	0.331 \pm 0.017	0.329 \pm 0.020	0.821 \pm 0.072	0.161 \pm 0.011	17.22 \pm 2.459
Dog 4 reference	0.736 \pm 0.034	327.0 \pm 16.30	0.771 \pm 0.042	0.773 \pm 0.041	1.049 \pm 0.021	0.391 \pm 0.026	63.06 \pm 2.568
Dog 4 K9 power	0.632 \pm 0.021	380.1 \pm 12.89	0.666 \pm 0.030	0.666 \pm 0.021	1.051 \pm 0.023	0.345 \pm 0.024	67.85 \pm 1.591
Dog 4 K9 power (leash)	0.711 \pm 0.016	337.6 \pm 7.59	0.749 \pm 0.019	0.748 \pm 0.021	1.052 \pm 0.022	0.375 \pm 0.011	66.90 \pm 2.276
Dog 4 K9 IDC	0.646 \pm 0.034	372.5 \pm 20.30	0.681 \pm 0.038	0.680 \pm 0.040	1.052 \pm 0.037	0.349 \pm 0.030	66.80 \pm 3.866
Dog 4 K9 IDC (leash)	0.695 \pm 0.016	345.3 \pm 8.21	0.733 \pm 0.015	0.729 \pm 0.022	1.050 \pm 0.017	0.367 \pm 0.012	66.99 \pm 1.894
Dog 4 K9 Duo-Flex	0.688 \pm 0.032	349.9 \pm 17.57	0.724 \pm 0.037	0.720 \pm 0.040	1.050 \pm 0.013	0.360 \pm 0.030	62.83 \pm 2.985
Dog 4 K9 Duo-Flex (leash)	0.684 \pm 0.017	351.2 \pm 8.60	0.719 \pm 0.022	0.719 \pm 0.026	1.052 \pm 0.021	0.362 \pm 0.015	66.45 \pm 3.681
Dog 4 Fressnapf	0.714 \pm 0.032	336.8 \pm 15.28	0.750 \pm 0.034	0.749 \pm 0.036	1.050 \pm 0.028	0.383 \pm 0.024	49.22 \pm 4.154
Dog 4 Fressnapf (leash)	0.681 \pm 0.029	353.1 \pm 15.17	0.712 \pm 0.041	0.711 \pm 0.041	1.050 \pm 0.032	0.369 \pm 0.031	49.50 \pm 4.161

Spatio-temporal parameters (mean \pm STD)

Case	BR Swing Time [s]	BR Swing Ratio [%]	BR Stance Time [s]	BR Stance Ratio [%]	BR Foot Dist [m]	BL Step Distance [m]	BL Step Height [mm]
Dog 1 reference	0.239 \pm 0.012	36.78 \pm 1.969	0.412 \pm 0.028	63.22 \pm 1.969	0.732 \pm 0.024	0.363 \pm 0.027	33.26 \pm 4.288
Dog 1 K9 power	0.239 \pm 0.010	36.69 \pm 1.841	0.412 \pm 0.027	63.31 \pm 1.841	0.728 \pm 0.033	0.361 \pm 0.022	33.15 \pm 4.954
Dog 1 K9 power (leash)	0.218 \pm 0.007	34.69 \pm 1.428	0.412 \pm 0.023	65.31 \pm 1.428	0.756 \pm 0.028	0.328 \pm 0.016	33.95 \pm 2.038
Dog 1 K9 IDC	0.241 \pm 0.008	34.92 \pm 1.453	0.450 \pm 0.021	65.08 \pm 1.453	0.703 \pm 0.031	0.351 \pm 0.018	34.86 \pm 2.495
Dog 1 K9 IDC (leash)	0.224 \pm 0.011	32.21 \pm 1.752	0.471 \pm 0.030	67.79 \pm 1.752	0.773 \pm 0.047	0.322 \pm 0.027	49.78 \pm 14.715
Dog 1 K9 Duo-Flex	0.235 \pm 0.020	33.67 \pm 2.690	0.463 \pm 0.028	66.33 \pm 2.690	0.724 \pm 0.031	0.332 \pm 0.031	37.18 \pm 3.479
Dog 1 K9 Duo-Flex (leash)	0.214 \pm 0.015	32.37 \pm 1.977	0.447 \pm 0.035	67.63 \pm 1.977	0.742 \pm 0.038	0.314 \pm 0.027	35.86 \pm 3.901
Dog 2 reference	0.193 \pm 0.009	31.83 \pm 2.328	0.416 \pm 0.046	68.17 \pm 2.328	0.591 \pm 0.041	0.278 \pm 0.024	30.54 \pm 2.853
Dog 2 K9 power	0.195 \pm 0.007	31.21 \pm 2.102	0.431 \pm 0.039	68.79 \pm 2.102	0.601 \pm 0.031	0.281 \pm 0.019	30.72 \pm 1.803
Dog 2 K9 power (leash)	0.185 \pm 0.013	30.58 \pm 2.388	0.422 \pm 0.049	69.42 \pm 2.388	0.599 \pm 0.035	0.275 \pm 0.022	31.41 \pm 3.388
Dog 2 K9 IDC	0.181 \pm 0.015	33.04 \pm 1.609	0.368 \pm 0.034	66.96 \pm 1.609	0.596 \pm 0.032	0.298 \pm 0.028	34.08 \pm 5.171
Dog 2 K9 IDC (leash)	0.176 \pm 0.010	32.73 \pm 2.413	0.363 \pm 0.038	67.27 \pm 2.413	0.607 \pm 0.032	0.300 \pm 0.020	29.06 \pm 1.741
Dog 2 K9 Duo-Flex	0.197 \pm 0.009	34.15 \pm 2.328	0.382 \pm 0.033	65.85 \pm 2.328	0.619 \pm 0.035	0.299 \pm 0.022	27.44 \pm 2.159
Dog 2 K9 Duo-Flex (leash)	0.179 \pm 0.010	32.86 \pm 1.469	0.366 \pm 0.021	67.14 \pm 1.469	0.599 \pm 0.034	0.297 \pm 0.016	27.39 \pm 3.205
Dog 3 reference	0.139 \pm 0.011	34.98 \pm 3.928	0.260 \pm 0.031	65.02 \pm 3.928	0.347 \pm 0.026	0.167 \pm 0.009	19.49 \pm 2.398
Dog 3 K9 power	0.140 \pm 0.014	35.82 \pm 4.089	0.253 \pm 0.035	64.18 \pm 4.089	0.335 \pm 0.028	0.163 \pm 0.011	16.77 \pm 2.515
Dog 3 K9 power (leash)	0.134 \pm 0.007	33.24 \pm 2.663	0.271 \pm 0.028	66.76 \pm 2.663	0.385 \pm 0.021	0.168 \pm 0.006	19.33 \pm 1.810
Dog 3 K9 IDC	0.139 \pm 0.010	35.56 \pm 3.464	0.253 \pm 0.028	64.44 \pm 3.464	0.337 \pm 0.020	0.170 \pm 0.013	18.27 \pm 1.984
Dog 3 K9 IDC (leash)	0.131 \pm 0.010	32.52 \pm 2.474	0.274 \pm 0.031	67.48 \pm 2.474	0.393 \pm 0.026	0.169 \pm 0.009	20.53 \pm 2.294
Dog 4 reference	0.248 \pm 0.013	33.69 \pm 0.963	0.488 \pm 0.023	66.31 \pm 0.963	0.881 \pm 0.043	0.380 \pm 0.022	66.70 \pm 2.408
Dog 4 K9 power	0.206 \pm 0.009	32.59 \pm 1.208	0.426 \pm 0.018	67.41 \pm 1.208	0.783 \pm 0.035	0.321 \pm 0.018	70.50 \pm 2.463
Dog 4 K9 power (leash)	0.230 \pm 0.009	32.30 \pm 0.886	0.482 \pm 0.011	67.70 \pm 0.886	0.899 \pm 0.015	0.374 \pm 0.014	70.02 \pm 2.146
Dog 4 K9 IDC	0.213 \pm 0.010	33.02 \pm 1.756	0.433 \pm 0.030	66.98 \pm 1.756	0.792 \pm 0.053	0.332 \pm 0.027	69.13 \pm 3.114
Dog 4 K9 IDC (leash)	0.221 \pm 0.008	31.81 \pm 0.832	0.474 \pm 0.013	68.19 \pm 0.832	0.884 \pm 0.020	0.366 \pm 0.012	69.63 \pm 1.150
Dog 4 K9 Duo-Flex	0.227 \pm 0.013	33.06 \pm 0.934	0.460 \pm 0.022	66.94 \pm 0.934	0.836 \pm 0.043	0.364 \pm 0.020	65.45 \pm 2.763
Dog 4 K9 Duo-Flex (leash)	0.225 \pm 0.007	32.97 \pm 0.767	0.458 \pm 0.013	67.03 \pm 0.767	0.856 \pm 0.025	0.357 \pm 0.017	70.11 \pm 2.909
Dog 4 Fressnapf	0.236 \pm 0.016	33.02 \pm 1.406	0.478 \pm 0.023	66.98 \pm 1.406	0.875 \pm 0.039	0.367 \pm 0.020	48.05 \pm 3.765
Dog 4 Fressnapf (leash)	0.221 \pm 0.010	32.51 \pm 1.322	0.460 \pm 0.024	67.49 \pm 1.322	0.863 \pm 0.045	0.343 \pm 0.035	49.64 \pm 2.232

Spatio-temporal parameters (mean \pm STD)

Case	BL Swing Time [s]	BL Swing Ratio [%]	BL Stance Time [s]	BL Stance Ratio [%]	BL Foot Dist [m]	FR Step Distance [m]	FR Step Height [mm]
Dog 1 reference	0.228 \pm 0.015	35.06 \pm 1.860	0.423 \pm 0.024	64.94 \pm 1.860	0.766 \pm 0.027	0.338 \pm 0.019	49.93 \pm 6.672
Dog 1 K9 power	0.228 \pm 0.016	35.00 \pm 1.736	0.423 \pm 0.020	65.00 \pm 1.736	0.761 \pm 0.021	0.334 \pm 0.016	50.62 \pm 7.899
Dog 1 K9 power (leash)	0.212 \pm 0.004	33.64 \pm 1.523	0.418 \pm 0.025	66.36 \pm 1.523	0.795 \pm 0.018	0.336 \pm 0.013	47.27 \pm 2.733
Dog 1 K9 IDC	0.225 \pm 0.013	32.57 \pm 2.249	0.467 \pm 0.026	67.43 \pm 2.249	0.742 \pm 0.022	0.312 \pm 0.019	53.90 \pm 7.743
Dog 1 K9 IDC (leash)	0.211 \pm 0.009	30.46 \pm 1.539	0.483 \pm 0.030	69.54 \pm 1.539	0.814 \pm 0.041	0.317 \pm 0.017	46.46 \pm 3.414
Dog 1 K9 Duo-Flex	0.227 \pm 0.018	32.46 \pm 2.173	0.472 \pm 0.023	67.54 \pm 2.173	0.746 \pm 0.024	0.321 \pm 0.023	59.91 \pm 11.720
Dog 1 K9 Duo-Flex (leash)	0.210 \pm 0.012	31.82 \pm 2.124	0.451 \pm 0.039	68.18 \pm 2.124	0.770 \pm 0.027	0.314 \pm 0.022	52.26 \pm 8.133
Dog 2 reference	0.195 \pm 0.009	32.21 \pm 2.516	0.414 \pm 0.047	67.79 \pm 2.516	0.575 \pm 0.019	0.225 \pm 0.023	47.82 \pm 5.496
Dog 2 K9 power	0.202 \pm 0.008	32.37 \pm 1.786	0.424 \pm 0.036	67.63 \pm 1.786	0.582 \pm 0.018	0.233 \pm 0.020	49.97 \pm 3.857
Dog 2 K9 power (leash)	0.177 \pm 0.012	29.24 \pm 1.705	0.430 \pm 0.046	70.76 \pm 1.705	0.606 \pm 0.020	0.208 \pm 0.024	56.80 \pm 8.652
Dog 2 K9 IDC	0.189 \pm 0.010	34.57 \pm 2.299	0.360 \pm 0.040	65.43 \pm 2.299	0.579 \pm 0.020	0.240 \pm 0.015	53.57 \pm 3.434
Dog 2 K9 IDC (leash)	0.173 \pm 0.010	32.23 \pm 1.321	0.365 \pm 0.034	67.77 \pm 1.321	0.610 \pm 0.024	0.230 \pm 0.019	50.55 \pm 4.858
Dog 2 K9 Duo-Flex	0.200 \pm 0.008	34.64 \pm 2.059	0.379 \pm 0.031	65.36 \pm 2.059	0.603 \pm 0.019	0.251 \pm 0.023	50.94 \pm 3.996
Dog 2 K9 Duo-Flex (leash)	0.173 \pm 0.010	31.88 \pm 2.023	0.371 \pm 0.026	68.12 \pm 2.023	0.606 \pm 0.016	0.225 \pm 0.019	48.48 \pm 3.680
Dog 3 reference	0.144 \pm 0.013	36.18 \pm 2.653	0.255 \pm 0.023	63.82 \pm 2.653	0.348 \pm 0.017	0.155 \pm 0.013	22.47 \pm 3.904
Dog 3 K9 power	0.143 \pm 0.012	36.49 \pm 3.482	0.250 \pm 0.032	63.51 \pm 3.482	0.338 \pm 0.024	0.158 \pm 0.008	26.33 \pm 3.659
Dog 3 K9 power (leash)	0.137 \pm 0.007	33.83 \pm 0.882	0.269 \pm 0.021	66.17 \pm 0.882	0.379 \pm 0.023	0.165 \pm 0.009	24.89 \pm 2.093
Dog 3 K9 IDC	0.143 \pm 0.010	36.48 \pm 3.110	0.250 \pm 0.026	63.52 \pm 3.110	0.340 \pm 0.021	0.165 \pm 0.015	25.24 \pm 5.068
Dog 3 K9 IDC (leash)	0.133 \pm 0.016	32.81 \pm 2.608	0.272 \pm 0.026	67.19 \pm 2.608	0.398 \pm 0.022	0.171 \pm 0.017	29.49 \pm 7.335
Dog 4 reference	0.257 \pm 0.014	34.87 \pm 1.234	0.479 \pm 0.025	65.13 \pm 1.234	0.867 \pm 0.041	0.372 \pm 0.022	31.64 \pm 5.093
Dog 4 K9 power	0.220 \pm 0.008	34.87 \pm 1.468	0.412 \pm 0.021	65.13 \pm 1.468	0.746 \pm 0.027	0.320 \pm 0.016	42.65 \pm 4.653
Dog 4 K9 power (leash)	0.233 \pm 0.007	32.81 \pm 0.873	0.478 \pm 0.013	67.19 \pm 0.873	0.895 \pm 0.019	0.361 \pm 0.012	36.47 \pm 4.158
Dog 4 K9 IDC	0.222 \pm 0.014	34.38 \pm 1.428	0.424 \pm 0.025	65.62 \pm 1.428	0.774 \pm 0.037	0.352 \pm 0.024	44.73 \pm 12.064
Dog 4 K9 IDC (leash)	0.231 \pm 0.010	33.22 \pm 1.042	0.464 \pm 0.012	66.78 \pm 1.042	0.869 \pm 0.018	0.372 \pm 0.016	29.27 \pm 1.973
Dog 4 K9 Duo-Flex	0.241 \pm 0.014	35.06 \pm 1.480	0.447 \pm 0.025	64.94 \pm 1.480	0.814 \pm 0.037	0.349 \pm 0.016	33.54 \pm 4.905
Dog 4 K9 Duo-Flex (leash)	0.225 \pm 0.008	32.86 \pm 0.914	0.459 \pm 0.014	67.14 \pm 0.914	0.865 \pm 0.026	0.330 \pm 0.016	36.98 \pm 3.785
Dog 4 Fressnapf	0.243 \pm 0.014	34.09 \pm 1.404	0.471 \pm 0.024	65.91 \pm 1.404	0.858 \pm 0.038	0.366 \pm 0.025	40.00 \pm 9.629
Dog 4 Fressnapf (leash)	0.221 \pm 0.016	32.52 \pm 2.391	0.460 \pm 0.029	67.48 \pm 2.391	0.870 \pm 0.030	0.352 \pm 0.039	49.68 \pm 10.307

Spatio-temporal parameters (mean \pm STD)

Case	FR Swing Time [s]	FR Swing Ratio [%]	FR Stance Time [s]	FR Stance Ratio [%]	FR Foot Dist [m]	FL Step Distance [m]	FL Step Height [mm]
Dog 1 reference	-0.434 \pm 0.023	-66.66 \pm 2.430	1.085 \pm 0.050	166.66 \pm 2.430	0.814 \pm 0.037	0.348 \pm 0.023	54.575 \pm 6.719
Dog 1 K9 power	-0.439 \pm 0.024	-67.47 \pm 2.354	1.090 \pm 0.048	167.47 \pm 2.354	0.815 \pm 0.043	0.342 \pm 0.010	55.462 \pm 12.189
Dog 1 K9 power (leash)	-0.438 \pm 0.024	-69.57 \pm 2.822	1.068 \pm 0.045	169.57 \pm 2.822	0.827 \pm 0.048	0.314 \pm 0.011	44.714 \pm 2.380
Dog 1 K9 IDC	-0.482 \pm 0.028	-69.63 \pm 3.105	1.173 \pm 0.045	169.63 \pm 3.105	0.778 \pm 0.043	0.325 \pm 0.017	56.609 \pm 13.084
Dog 1 K9 IDC (leash)	-0.242 \pm 0.355	-35.21 \pm 50.858	0.937 \pm 0.353	135.21 \pm 50.858	0.801 \pm 0.068	0.317 \pm 0.021	43.961 \pm 5.584
Dog 1 K9 Duo-Flex	-0.459 \pm 0.132	-65.89 \pm 18.558	1.158 \pm 0.132	165.89 \pm 18.558	0.784 \pm 0.058	0.315 \pm 0.027	60.846 \pm 8.473
Dog 1 K9 Duo-Flex (leash)	-0.361 \pm 0.242	-55.57 \pm 35.914	1.022 \pm 0.232	155.57 \pm 35.914	0.777 \pm 0.059	0.291 \pm 0.029	46.754 \pm 7.021
Dog 2 reference	0.148 \pm 0.172	24.15 \pm 28.738	0.461 \pm 0.173	75.85 \pm 28.738	0.568 \pm 0.064	0.258 \pm 0.020	36.957 \pm 2.756
Dog 2 K9 power	0.031 \pm 0.279	4.15 \pm 45.376	0.596 \pm 0.271	95.85 \pm 45.376	0.592 \pm 0.046	0.264 \pm 0.016	35.866 \pm 3.538
Dog 2 K9 power (leash)	0.022 \pm 0.274	2.25 \pm 46.225	0.585 \pm 0.261	97.75 \pm 46.225	0.606 \pm 0.051	0.256 \pm 0.015	41.452 \pm 6.513
Dog 2 K9 IDC	-0.041 \pm 0.276	-7.62 \pm 50.390	0.591 \pm 0.277	107.62 \pm 50.390	0.583 \pm 0.058	0.266 \pm 0.022	40.896 \pm 5.139
Dog 2 K9 IDC (leash)	0.093 \pm 0.207	17.51 \pm 38.178	0.446 \pm 0.213	82.49 \pm 38.178	0.611 \pm 0.056	0.285 \pm 0.017	38.659 \pm 5.475
Dog 2 K9 Duo-Flex	-0.329 \pm 0.178	-56.71 \pm 30.514	0.908 \pm 0.187	156.71 \pm 30.514	0.621 \pm 0.057	0.290 \pm 0.018	41.413 \pm 5.206
Dog 2 K9 Duo-Flex (leash)	-0.304 \pm 0.167	-56.46 \pm 29.972	0.848 \pm 0.157	156.46 \pm 29.972	0.591 \pm 0.039	0.294 \pm 0.014	41.538 \pm 4.689
Dog 3 reference	0.122 \pm 0.007	30.64 \pm 2.967	0.277 \pm 0.029	69.36 \pm 2.967	0.394 \pm 0.018	0.158 \pm 0.010	25.906 \pm 4.818
Dog 3 K9 power	0.121 \pm 0.008	30.88 \pm 3.195	0.273 \pm 0.034	69.12 \pm 3.195	0.393 \pm 0.024	0.149 \pm 0.012	23.231 \pm 3.417
Dog 3 K9 power (leash)	0.120 \pm 0.006	29.80 \pm 2.352	0.285 \pm 0.028	70.20 \pm 2.352	0.416 \pm 0.030	0.158 \pm 0.005	25.792 \pm 2.864
Dog 3 K9 IDC	0.117 \pm 0.006	29.86 \pm 2.316	0.275 \pm 0.026	70.14 \pm 2.316	0.393 \pm 0.014	0.148 \pm 0.017	23.133 \pm 3.566
Dog 3 K9 IDC (leash)	0.123 \pm 0.008	30.66 \pm 3.058	0.282 \pm 0.036	69.34 \pm 3.058	0.417 \pm 0.026	0.158 \pm 0.007	30.148 \pm 8.513
Dog 4 reference	-0.500 \pm 0.023	-67.94 \pm 1.552	1.235 \pm 0.055	167.94 \pm 1.552	0.945 \pm 0.054	0.401 \pm 0.025	37.643 \pm 5.921
Dog 4 K9 power	-0.435 \pm 0.018	-68.75 \pm 2.088	1.067 \pm 0.037	168.75 \pm 2.088	0.822 \pm 0.050	0.347 \pm 0.018	50.176 \pm 4.215
Dog 4 K9 power (leash)	-0.486 \pm 0.016	-68.38 \pm 2.336	1.198 \pm 0.025	168.38 \pm 2.336	0.946 \pm 0.037	0.386 \pm 0.014	45.491 \pm 2.772
Dog 4 K9 IDC	-0.452 \pm 0.035	-70.05 \pm 5.100	1.098 \pm 0.058	170.05 \pm 5.100	0.840 \pm 0.083	0.327 \pm 0.023	77.811 \pm 9.712
Dog 4 K9 IDC (leash)	-0.477 \pm 0.017	-68.62 \pm 1.289	1.173 \pm 0.033	168.62 \pm 1.289	0.919 \pm 0.024	0.357 \pm 0.010	65.819 \pm 4.723
Dog 4 K9 Duo-Flex	-0.474 \pm 0.030	-68.90 \pm 2.421	1.161 \pm 0.060	168.90 \pm 2.421	0.887 \pm 0.054	0.373 \pm 0.032	44.544 \pm 4.643
Dog 4 K9 Duo-Flex (leash)	-0.466 \pm 0.014	-68.20 \pm 1.553	1.150 \pm 0.029	168.20 \pm 1.553	0.870 \pm 0.028	0.389 \pm 0.015	45.636 \pm 2.988
Dog 4 Fressnapf	-0.484 \pm 0.084	-67.62 \pm 11.373	1.198 \pm 0.103	167.62 \pm 11.373	0.895 \pm 0.053	0.383 \pm 0.022	44.439 \pm 7.452
Dog 4 Fressnapf (leash)	-0.406 \pm 0.190	-59.79 \pm 27.447	1.087 \pm 0.190	159.79 \pm 27.447	0.862 \pm 0.065	0.360 \pm 0.020	45.901 \pm 4.580

Spatio-temporal parameters (mean \pm STD)

Case	FL Swing Time [s]	FL Swing Ratio [%]	FL Stance Time [s]	FL Stance Ratio [%]	FL Foot Dist [m]	Back Walking Base [m]	Front Walking Base [m]
Dog 1 reference	0.216 \pm 0.009	33.14 \pm 1.220	0.435 \pm 0.025	66.86 \pm 1.220	0.815 \pm 0.024	147.89 \pm 25.250	173.82 \pm 17.550
Dog 1 K9 power	0.213 \pm 0.011	32.71 \pm 1.765	0.438 \pm 0.026	67.29 \pm 1.765	0.816 \pm 0.031	146.53 \pm 27.993	179.90 \pm 18.187
Dog 1 K9 power (leash)	0.210 \pm 0.007	33.36 \pm 1.123	0.420 \pm 0.022	66.64 \pm 1.123	0.785 \pm 0.019	164.06 \pm 12.439	188.82 \pm 12.055
Dog 1 K9 IDC	0.206 \pm 0.014	29.79 \pm 1.825	0.486 \pm 0.019	70.21 \pm 1.825	0.800 \pm 0.022	140.79 \pm 20.870	180.46 \pm 16.460
Dog 1 K9 IDC (leash)	0.220 \pm 0.011	31.76 \pm 1.326	0.474 \pm 0.026	68.24 \pm 1.326	0.785 \pm 0.032	175.70 \pm 17.840	168.52 \pm 10.382
Dog 1 K9 Duo-Flex	0.215 \pm 0.010	30.87 \pm 1.473	0.483 \pm 0.025	69.13 \pm 1.473	0.781 \pm 0.037	170.25 \pm 25.488	175.03 \pm 28.013
Dog 1 K9 Duo-Flex (leash)	0.215 \pm 0.011	32.68 \pm 2.786	0.446 \pm 0.043	67.32 \pm 2.786	0.748 \pm 0.031	179.21 \pm 20.547	176.11 \pm 14.006
Dog 2 reference	0.188 \pm 0.008	31.01 \pm 2.450	0.421 \pm 0.048	68.99 \pm 2.450	0.586 \pm 0.051	170.13 \pm 15.441	153.02 \pm 16.766
Dog 2 K9 power	0.184 \pm 0.008	29.52 \pm 1.642	0.442 \pm 0.036	70.48 \pm 1.642	0.618 \pm 0.034	165.44 \pm 11.530	146.81 \pm 11.679
Dog 2 K9 power (leash)	0.182 \pm 0.016	30.17 \pm 2.401	0.425 \pm 0.048	69.83 \pm 2.401	0.626 \pm 0.027	204.28 \pm 16.266	136.09 \pm 15.685
Dog 2 K9 IDC	0.173 \pm 0.009	31.62 \pm 2.153	0.376 \pm 0.041	68.38 \pm 2.153	0.606 \pm 0.043	163.59 \pm 19.949	161.05 \pm 12.216
Dog 2 K9 IDC (leash)	0.170 \pm 0.012	31.54 \pm 1.502	0.369 \pm 0.033	68.46 \pm 1.502	0.630 \pm 0.022	181.07 \pm 15.796	140.69 \pm 18.034
Dog 2 K9 Duo-Flex	0.185 \pm 0.010	32.05 \pm 2.362	0.394 \pm 0.033	67.95 \pm 2.362	0.648 \pm 0.031	158.28 \pm 13.401	159.51 \pm 13.867
Dog 2 K9 Duo-Flex (leash)	0.172 \pm 0.006	31.60 \pm 1.806	0.373 \pm 0.026	68.40 \pm 1.806	0.628 \pm 0.034	175.16 \pm 15.015	129.33 \pm 21.657
Dog 3 reference	0.128 \pm 0.008	32.15 \pm 2.664	0.271 \pm 0.027	67.85 \pm 2.664	0.387 \pm 0.016	72.72 \pm 10.104	61.29 \pm 11.752
Dog 3 K9 power	0.122 \pm 0.005	31.25 \pm 2.535	0.271 \pm 0.032	68.75 \pm 2.535	0.389 \pm 0.021	71.56 \pm 11.665	60.57 \pm 11.845
Dog 3 K9 power (leash)	0.124 \pm 0.005	30.67 \pm 1.491	0.281 \pm 0.025	69.33 \pm 1.491	0.417 \pm 0.016	75.20 \pm 9.342	71.42 \pm 9.294
Dog 3 K9 IDC	0.119 \pm 0.008	30.54 \pm 2.202	0.273 \pm 0.024	69.46 \pm 2.202	0.394 \pm 0.017	71.13 \pm 14.600	62.96 \pm 17.783
Dog 3 K9 IDC (leash)	0.130 \pm 0.007	32.28 \pm 2.569	0.275 \pm 0.033	67.72 \pm 2.569	0.410 \pm 0.028	94.96 \pm 18.550	75.32 \pm 9.704
Dog 4 reference	0.225 \pm 0.012	30.63 \pm 0.999	0.510 \pm 0.025	69.37 \pm 0.999	0.954 \pm 0.047	132.38 \pm 14.574	160.02 \pm 18.892
Dog 4 K9 power	0.207 \pm 0.009	32.69 \pm 1.331	0.426 \pm 0.019	67.31 \pm 1.331	0.784 \pm 0.032	127.11 \pm 15.875	191.11 \pm 14.891
Dog 4 K9 power (leash)	0.226 \pm 0.009	31.79 \pm 0.771	0.485 \pm 0.010	68.21 \pm 0.771	0.906 \pm 0.021	149.85 \pm 14.070	142.29 \pm 15.145
Dog 4 K9 IDC	0.209 \pm 0.011	32.39 \pm 1.508	0.437 \pm 0.029	67.61 \pm 1.508	0.847 \pm 0.039	149.29 \pm 19.284	210.97 \pm 17.779
Dog 4 K9 IDC (leash)	0.224 \pm 0.008	32.24 \pm 0.722	0.471 \pm 0.011	67.76 \pm 0.722	0.905 \pm 0.016	153.13 \pm 14.144	182.81 \pm 23.010
Dog 4 K9 Duo-Flex	0.222 \pm 0.014	32.23 \pm 1.175	0.466 \pm 0.023	67.77 \pm 1.175	0.854 \pm 0.045	134.29 \pm 17.200	170.18 \pm 21.250
Dog 4 K9 Duo-Flex (leash)	0.216 \pm 0.005	31.65 \pm 1.009	0.467 \pm 0.017	68.35 \pm 1.009	0.871 \pm 0.032	156.29 \pm 15.764	177.34 \pm 19.097
Dog 4 Fressnapf	0.224 \pm 0.015	31.40 \pm 1.872	0.490 \pm 0.029	68.60 \pm 1.872	0.912 \pm 0.051	130.99 \pm 18.988	182.22 \pm 16.912
Dog 4 Fressnapf (leash)	0.218 \pm 0.012	32.09 \pm 2.648	0.463 \pm 0.034	67.91 \pm 2.648	0.887 \pm 0.073	158.61 \pm 26.949	196.66 \pm 19.804

Spatio-temporal parameters (mean \pm STD)

Case	T1 hor. ROM [deg]	T13 hor. ROM [deg]	L7 hor. ROM [deg]	T1 sag. ROM [deg]	T13 sag. ROM [deg]	L7 sag. ROM [deg]	FR shoulder ROM [deg]
Dog 1 reference	9.03 \pm 2.897	18.22 \pm 2.038	20.11 \pm 2.031	13.67 \pm 5.576	9.02 \pm 1.934	3.954 \pm 1.063	24.97 \pm 4.268
Dog 1 K9 power	8.82 \pm 3.914	20.54 \pm 2.620	19.23 \pm 1.191	12.82 \pm 6.010	9.55 \pm 1.870	4.684 \pm 1.204	37.11 \pm 3.995
Dog 1 K9 power (leash)	9.35 \pm 3.293	30.18 \pm 4.140	24.04 \pm 1.618	7.95 \pm 3.742	8.36 \pm 1.327	5.229 \pm 0.910	34.03 \pm 1.158
Dog 1 K9 IDC	9.04 \pm 3.259	24.76 \pm 3.357	19.91 \pm 2.116	12.86 \pm 5.621	9.83 \pm 1.849	3.769 \pm 0.810	40.56 \pm 4.117
Dog 1 K9 IDC (leash)	10.56 \pm 5.753	29.93 \pm 3.198	21.70 \pm 1.560	8.42 \pm 3.278	8.96 \pm 1.119	5.485 \pm 1.165	38.49 \pm 3.482
Dog 1 K9 Duo-Flex	9.05 \pm 2.692	21.60 \pm 2.511	20.13 \pm 2.292	14.51 \pm 5.429	9.08 \pm 2.858	4.030 \pm 1.143	62.26 \pm 5.294
Dog 1 K9 Duo-Flex (leash)	11.00 \pm 7.212	26.93 \pm 4.453	23.55 \pm 2.316	11.47 \pm 5.105	6.97 \pm 1.607	4.643 \pm 1.090	43.96 \pm 3.167
Dog 2 reference	7.41 \pm 3.113	13.12 \pm 1.709	12.00 \pm 1.470	13.63 \pm 5.772	6.67 \pm 1.191	4.393 \pm 0.859	31.00 \pm 2.595
Dog 2 K9 power	11.03 \pm 3.294	33.33 \pm 3.272	15.31 \pm 2.987	7.44 \pm 4.231	10.33 \pm 2.464	4.075 \pm 0.703	30.63 \pm 1.349
Dog 2 K9 power (leash)	8.51 \pm 2.162	13.69 \pm 1.545	0.00 \pm 0.000	7.00 \pm 3.185	6.36 \pm 1.123	0.000 \pm 0.000	30.61 \pm 2.020
Dog 2 K9 IDC	9.32 \pm 2.644	23.37 \pm 2.499	13.10 \pm 1.426	9.09 \pm 5.420	7.63 \pm 2.120	3.797 \pm 0.951	38.71 \pm 2.175
Dog 2 K9 IDC (leash)	12.85 \pm 6.724	25.36 \pm 4.334	16.40 \pm 3.291	8.93 \pm 4.934	8.42 \pm 2.061	5.122 \pm 0.708	41.20 \pm 2.469
Dog 2 K9 Duo-Flex	11.78 \pm 4.497	19.69 \pm 2.804	12.08 \pm 1.458	13.02 \pm 6.172	9.30 \pm 2.073	4.139 \pm 0.757	31.46 \pm 3.547
Dog 2 K9 Duo-Flex (leash)	11.52 \pm 5.895	27.39 \pm 3.916	18.33 \pm 2.479	8.53 \pm 3.944	6.00 \pm 1.625	2.383 \pm 0.667	30.54 \pm 1.500
Dog 3 reference	13.72 \pm 3.303	16.39 \pm 1.763	18.68 \pm 2.104	15.42 \pm 6.410	10.95 \pm 3.503	3.393 \pm 0.999	24.31 \pm 3.332
Dog 3 K9 power	13.91 \pm 1.799	18.84 \pm 2.381	17.68 \pm 2.229	15.15 \pm 5.332	10.68 \pm 3.104	3.589 \pm 1.010	28.26 \pm 2.466
Dog 3 K9 power (leash)	13.11 \pm 2.588	23.19 \pm 1.066	0.00 \pm 0.000	12.35 \pm 2.561	4.29 \pm 1.181	0.000 \pm 0.000	31.97 \pm 1.228
Dog 3 K9 IDC	12.26 \pm 2.744	22.15 \pm 4.038	20.25 \pm 1.777	15.69 \pm 6.388	9.69 \pm 2.398	3.420 \pm 1.436	31.11 \pm 5.186
Dog 3 K9 IDC (leash)	17.88 \pm 3.300	19.18 \pm 4.641	25.97 \pm 4.295	16.35 \pm 6.313	7.81 \pm 2.379	2.967 \pm 1.120	39.59 \pm 4.344
Dog 4 reference	20.46 \pm 2.638	22.84 \pm 1.456	16.28 \pm 1.555	10.57 \pm 3.970	8.16 \pm 1.168	3.498 \pm 0.676	28.46 \pm 1.794
Dog 4 K9 power	11.40 \pm 2.021	19.47 \pm 2.313	17.04 \pm 1.354	13.89 \pm 5.804	8.97 \pm 1.490	3.295 \pm 0.529	42.07 \pm 2.470
Dog 4 K9 power (leash)	12.71 \pm 2.221	19.22 \pm 1.431	16.83 \pm 1.145	12.93 \pm 4.202	6.42 \pm 0.976	4.112 \pm 0.686	40.51 \pm 1.513
Dog 4 K9 IDC	12.64 \pm 2.558	19.58 \pm 1.614	16.88 \pm 1.725	8.83 \pm 4.135	7.64 \pm 1.215	3.848 \pm 1.128	34.18 \pm 1.911
Dog 4 K9 IDC (leash)	14.75 \pm 1.142	18.46 \pm 0.941	18.06 \pm 1.057	10.37 \pm 3.306	7.63 \pm 1.110	3.965 \pm 0.645	35.95 \pm 2.112
Dog 4 K9 Duo-Flex	18.99 \pm 4.615	22.34 \pm 2.192	14.58 \pm 1.254	9.94 \pm 3.231	8.32 \pm 1.035	3.844 \pm 0.600	37.91 \pm 2.794
Dog 4 K9 Duo-Flex (leash)	14.01 \pm 1.890	22.55 \pm 1.578	14.24 \pm 1.418	11.12 \pm 2.813	5.90 \pm 0.982	4.088 \pm 0.603	32.13 \pm 2.184
Dog 4 Fressnapf	11.91 \pm 3.701	17.56 \pm 2.383	15.32 \pm 1.223	14.09 \pm 5.454	9.67 \pm 2.726	3.005 \pm 0.655	25.89 \pm 2.349
Dog 4 Fressnapf (leash)	11.79 \pm 2.867	15.18 \pm 2.183	16.22 \pm 1.647	16.79 \pm 6.831	7.91 \pm 1.413	3.185 \pm 0.652	33.47 \pm 3.500

Spatio-temporal parameters (mean \pm STD)

Case	FL shoulder ROM [deg]	FR elbow ROM [deg]	FL elbow ROM [deg]	FR carpal ROM [deg]	FL carpal ROM [deg]	BR hip ROM [deg]	BL hip ROM [deg]
Dog 1 reference	29.13 \pm 2.296	44.44 \pm 3.850	46.39 \pm 2.787	79.28 \pm 4.451	86.0 \pm 5.91	33.84 \pm 2.451	31.45 \pm 2.188
Dog 1 K9 power	43.19 \pm 1.977	47.57 \pm 5.379	50.31 \pm 3.933	84.24 \pm 4.085	87.7 \pm 5.71	33.44 \pm 2.661	29.66 \pm 2.377
Dog 1 K9 power (leash)	45.60 \pm 1.613	47.61 \pm 2.640	50.32 \pm 4.726	89.92 \pm 3.527	83.9 \pm 1.98	37.78 \pm 1.328	36.88 \pm 2.377
Dog 1 K9 IDC	39.29 \pm 3.657	44.52 \pm 3.609	54.00 \pm 4.450	81.28 \pm 5.381	88.0 \pm 6.04	30.90 \pm 2.066	29.04 \pm 2.523
Dog 1 K9 IDC (leash)	37.79 \pm 4.268	43.18 \pm 5.081	45.48 \pm 3.981	78.39 \pm 4.412	75.6 \pm 6.14	37.33 \pm 3.450	34.79 \pm 3.219
Dog 1 K9 Duo-Flex	55.38 \pm 3.423	41.36 \pm 5.424	43.62 \pm 7.600	78.76 \pm 6.381	81.7 \pm 8.21	33.11 \pm 2.918	30.92 \pm 2.690
Dog 1 K9 Duo-Flex (leash)	45.84 \pm 4.071	45.95 \pm 4.157	46.36 \pm 3.365	79.62 \pm 5.078	77.8 \pm 4.61	41.15 \pm 2.798	38.44 \pm 3.269
Dog 2 reference	26.66 \pm 1.574	48.22 \pm 7.400	46.94 \pm 5.843	45.25 \pm 4.529	64.5 \pm 7.44	20.24 \pm 2.726	17.70 \pm 3.550
Dog 2 K9 power	27.31 \pm 1.575	51.23 \pm 5.644	49.53 \pm 3.477	50.03 \pm 3.588	71.7 \pm 3.70	24.55 \pm 3.061	18.78 \pm 2.837
Dog 2 K9 power (leash)	29.45 \pm 2.504	57.41 \pm 2.957	58.67 \pm 4.348	57.45 \pm 3.381	79.6 \pm 2.88	33.06 \pm 2.220	26.13 \pm 3.350
Dog 2 K9 IDC	31.92 \pm 2.284	50.46 \pm 3.220	49.94 \pm 4.669	47.64 \pm 6.941	70.6 \pm 6.92	21.99 \pm 2.472	15.68 \pm 4.170
Dog 2 K9 IDC (leash)	35.18 \pm 2.112	52.35 \pm 6.466	53.94 \pm 4.739	53.83 \pm 2.512	76.4 \pm 3.74	30.11 \pm 2.971	20.25 \pm 3.347
Dog 2 K9 Duo-Flex	33.09 \pm 1.571	55.54 \pm 3.911	55.92 \pm 3.720	52.37 \pm 3.194	76.1 \pm 4.55	25.18 \pm 2.446	17.96 \pm 3.956
Dog 2 K9 Duo-Flex (leash)	30.03 \pm 1.825	56.69 \pm 2.645	58.85 \pm 4.322	55.46 \pm 3.872	76.3 \pm 3.94	33.78 \pm 3.255	28.13 \pm 2.261
Dog 3 reference	20.85 \pm 2.299	62.28 \pm 4.371	62.93 \pm 4.611	134.81 \pm 12.192	121.1 \pm 8.71	23.00 \pm 2.877	21.14 \pm 2.452
Dog 3 K9 power	27.65 \pm 1.705	63.60 \pm 4.068	63.29 \pm 3.847	138.43 \pm 14.845	124.6 \pm 7.71	22.46 \pm 2.304	19.08 \pm 2.376
Dog 3 K9 power (leash)	31.56 \pm 1.936	66.31 \pm 2.223	67.80 \pm 2.003	133.59 \pm 3.512	119.1 \pm 7.52	29.52 \pm 1.666	26.74 \pm 2.857
Dog 3 K9 IDC	36.80 \pm 5.707	60.57 \pm 5.405	59.27 \pm 5.485	136.99 \pm 19.665	128.3 \pm 10.23	23.83 \pm 2.883	20.92 \pm 2.116
Dog 3 K9 IDC (leash)	36.89 \pm 4.604	69.45 \pm 5.038	64.88 \pm 4.430	126.00 \pm 12.934	115.8 \pm 8.61	31.45 \pm 2.800	32.61 \pm 3.427
Dog 4 reference	25.91 \pm 1.740	52.54 \pm 2.626	61.01 \pm 3.164	99.70 \pm 3.116	106.8 \pm 3.17	27.38 \pm 1.025	28.71 \pm 1.209
Dog 4 K9 power	39.14 \pm 3.479	54.08 \pm 3.700	53.42 \pm 3.599	100.63 \pm 3.761	104.9 \pm 3.15	28.19 \pm 1.460	27.64 \pm 1.511
Dog 4 K9 power (leash)	40.38 \pm 1.964	52.81 \pm 2.258	52.33 \pm 2.514	103.38 \pm 3.573	100.0 \pm 2.73	30.96 \pm 0.629	33.26 \pm 0.860
Dog 4 K9 IDC	36.33 \pm 3.605	55.34 \pm 5.488	61.11 \pm 4.507	109.30 \pm 4.897	100.9 \pm 3.42	26.56 \pm 2.256	27.66 \pm 2.065
Dog 4 K9 IDC (leash)	34.80 \pm 1.600	55.64 \pm 2.721	56.98 \pm 2.718	105.04 \pm 4.364	97.1 \pm 2.24	30.53 \pm 0.629	32.37 \pm 1.029
Dog 4 K9 Duo-Flex	34.03 \pm 1.605	50.30 \pm 2.431	49.15 \pm 2.357	99.43 \pm 3.489	104.4 \pm 3.53	27.67 \pm 1.580	28.97 \pm 1.989
Dog 4 K9 Duo-Flex (leash)	28.37 \pm 1.290	49.97 \pm 2.108	53.58 \pm 2.282	89.20 \pm 3.185	99.0 \pm 2.50	29.88 \pm 0.649	33.49 \pm 1.132
Dog 4 Fressnapf	22.66 \pm 2.114	55.37 \pm 5.243	53.29 \pm 3.857	96.18 \pm 4.828	108.4 \pm 4.05	30.08 \pm 2.249	35.40 \pm 2.462
Dog 4 Fressnapf (leash)	29.47 \pm 2.542	55.60 \pm 5.722	54.70 \pm 4.438	90.83 \pm 6.601	102.0 \pm 8.25	33.70 \pm 4.011	40.21 \pm 2.560

Spatio-temporal parameters (mean \pm STD)

Case	BR stifle ROM [deg]	BL stifle ROM [deg]	BR hock ROM [deg]	BL hock ROM [deg]
Dog 1 reference	39.40 \pm 2.264	39.39 \pm 3.411	36.14 \pm 1.822	36.47 \pm 3.314
Dog 1 K9 power	40.78 \pm 3.478	38.53 \pm 4.347	36.27 \pm 2.994	34.92 \pm 3.269
Dog 1 K9 power (leash)	39.79 \pm 2.851	37.36 \pm 3.228	41.37 \pm 2.867	39.98 \pm 3.643
Dog 1 K9 IDC	39.97 \pm 1.557	39.67 \pm 2.145	35.58 \pm 2.286	32.73 \pm 4.167
Dog 1 K9 IDC (leash)	50.22 \pm 8.283	50.76 \pm 11.144	45.98 \pm 11.258	45.89 \pm 12.379
Dog 1 K9 Duo-Flex	39.81 \pm 3.224	39.01 \pm 2.749	36.27 \pm 4.253	35.32 \pm 4.478
Dog 1 K9 Duo-Flex (leash)	38.34 \pm 3.999	34.53 \pm 4.161	46.47 \pm 4.126	41.17 \pm 3.719
Dog 2 reference	48.01 \pm 5.276	44.07 \pm 2.569	32.13 \pm 5.000	27.97 \pm 3.229
Dog 2 K9 power	44.87 \pm 3.596	44.18 \pm 3.365	31.68 \pm 3.222	30.48 \pm 2.705
Dog 2 K9 power (leash)	39.11 \pm 1.784	43.61 \pm 2.449	38.59 \pm 3.128	43.42 \pm 3.903
Dog 2 K9 IDC	47.05 \pm 4.026	46.50 \pm 3.148	36.99 \pm 2.976	31.48 \pm 2.500
Dog 2 K9 IDC (leash)	43.48 \pm 2.436	45.48 \pm 3.047	36.42 \pm 5.862	36.14 \pm 3.586
Dog 2 K9 Duo-Flex	45.01 \pm 3.246	43.05 \pm 2.905	38.49 \pm 3.250	32.43 \pm 4.044
Dog 2 K9 Duo-Flex (leash)	41.67 \pm 1.676	43.31 \pm 1.881	41.13 \pm 3.441	39.54 \pm 3.187
Dog 3 reference	54.32 \pm 3.289	56.08 \pm 2.631	38.10 \pm 3.797	34.31 \pm 3.263
Dog 3 K9 power	50.88 \pm 3.234	53.63 \pm 2.267	36.40 \pm 3.620	34.86 \pm 1.978
Dog 3 K9 power (leash)	51.43 \pm 2.852	53.16 \pm 2.422	39.09 \pm 2.412	32.40 \pm 1.743
Dog 3 K9 IDC	51.92 \pm 3.104	53.73 \pm 2.444	35.80 \pm 3.839	35.72 \pm 3.824
Dog 3 K9 IDC (leash)	50.57 \pm 3.979	49.82 \pm 4.599	46.82 \pm 9.439	40.43 \pm 7.132
Dog 4 reference	39.74 \pm 2.471	40.76 \pm 1.777	32.67 \pm 1.725	36.64 \pm 2.179
Dog 4 K9 power	45.39 \pm 2.007	44.18 \pm 2.018	31.86 \pm 2.355	34.45 \pm 1.785
Dog 4 K9 power (leash)	40.51 \pm 1.099	42.70 \pm 1.987	36.20 \pm 2.315	42.40 \pm 2.154
Dog 4 K9 IDC	46.64 \pm 3.700	44.21 \pm 3.804	31.65 \pm 2.471	34.86 \pm 2.375
Dog 4 K9 IDC (leash)	40.97 \pm 2.050	41.00 \pm 1.628	34.52 \pm 2.362	40.54 \pm 1.848
Dog 4 K9 Duo-Flex	42.09 \pm 2.442	41.36 \pm 2.145	31.58 \pm 2.190	35.57 \pm 2.671
Dog 4 K9 Duo-Flex (leash)	39.11 \pm 2.469	43.30 \pm 1.804	32.60 \pm 1.834	42.50 \pm 2.401
Dog 4 Fressnapf	44.62 \pm 2.581	41.63 \pm 2.331	33.38 \pm 2.561	38.30 \pm 2.722
Dog 4 Fressnapf (leash)	39.62 \pm 3.711	39.71 \pm 3.232	33.64 \pm 5.003	41.68 \pm 5.093