

Apéndice B. Tabla maestra de biomarcadores espaciotemporales por sujeto

Tabla 22. Valores promedio de los 24 biomarcadores espaciotemporales por sujeto y grupo etario

subject	group	Right Step Width (cm)	Left Step Width (cm)	Right Stride Length (cm)	Left Stride Length (cm)	Right Step Length (cm)	Left Step Length (cm)	Right Stride Time (s)	Left Stride Time (s)	Right Step Time (s)	Left Step Time (s)	Right Stance Time (s)	Right Swing Time (s)	Left Swing Time (s)	Left Stance Time (s)	Double Support Time (s)	Single Support Time (s)	% Double Support	% Single Support	Left % Stance	Left % Swing	Right % Stance	Right % Swing	Left Stride Speed (m/s)	Right Stride Speed (m/s)
S001	young	4,0181288	5,4629445	179,2279858	179,440617	87,99692	91,33015	1,125928	1,125934	0,559819	0,566109	0,538248	0,58768	0,597945	0,527989	0,309883	0,81604301	27,52123	72,47877	46,8946	53,1054	47,80319	52,1968135	1,594159584	1,592248234
S002	young	12,310813	10,609518	152,1687688	151,424987	75,44797	76,46786	1,208859	1,207048	0,60728	0,601163	0,572439	0,63642	0,646001	0,562526	0,288944	0,91987956	23,895375	76,10462	46,53792	53,46208	47,34762	52,6523825	1,253905782	1,259573176
S004	young	4,7087008	5,7557129	182,256966	182,377655	88,337023	94,0025	1,130684	1,130387	0,571419	0,55926	0,515358	0,615326	0,609707	0,520854	0,272894	0,85758193	24,128247	75,87175	46,0599	53,9401	45,57322	54,4267815	1,6137126	1,61265623
S006	young	5,7877128	3,9722652	186,247796	186,011562	93,576275	92,54653	1,104521	1,104566	0,54591	0,558607	0,498484	0,606037	0,61898	0,485587	0,247212	0,85726453	22,382472	77,61753	43,95979	56,04021	45,12881	54,8711877	1,68437112	1,68657859
S007	young	5,3348292	4,0103805	135,1817889	85,7886634	72,320889	75,80655	1,050409	0,664651	0,450071	0,51249	0,539102	0,603959	0,491415	0,423118	0,227398	0,80945141	28,408139	71,59186	48,76637	51,23363	47,59531	52,4046866	0,82393637	1,16369196
S008	young	12,507272	14,172942	154,9359121	155,737838	74,766244	80,72157	0,912777	0,913925	0,449334	0,464437	0,427691	0,486169	0,488148	0,425932	0,199923	0,71303506	21,821112	78,17889	46,61013	53,38987	46,79935	53,2006542	1,710939196	1,702967459
S011	young	10,729974	9,3046246	147,9799176	147,584642	71,437862	76,33615	1,086038	1,086033	0,53447	0,551545	0,509218	0,576821	0,584719	0,501313	0,29993	0,78605497	27,606163	72,39384	46,1558	53,8442	46,88206	53,1179439	1,359425998	1,363070553
S014	young	4,7911693	5,8049224	163,552666	163,80518	82,733982	81,03563	1,236035	1,236363	0,608908	0,627628	0,585002	0,65182	0,657054	0,579336	0,307766	0,92816588	24,890167	75,10983	46,85755	53,14245	47,28955	52,7104507	1,32705373	1,32524319
S015	young	9,436671	10,921019	158,7226747	231,169082	78,201356	81,93524	1,094794	1,614794	0,518879	0,539297	0,530559	0,57352	0,898073	0,847779	0,259102	0,83889684	24,152336	75,84766	47,67333	52,32667	48,06474	51,9352583	1,31633737	1,4436535
S016	young	13,605408	15,990911	179,62588	180,404007	92,319662	87,69472	1,034385	1,034442	0,52399	0,510259	0,462921	0,571463	0,57354	0,461548	0,246105	0,78828131	23,791401	76,2086	44,57708	55,42292	44,75136	55,2486391	1,74381461	1,7373986
S018	young	10,01534	12,94211	207,419965	208,071142	104,48082	103,2578	0,972831	0,972828	0,489525	0,483291	0,433912	0,538916	0,536406	0,436428	0,170979	0,80174844	17,549886	82,45011	44,86008	55,13992	44,61013	55,3898697	2,14304318	2,13638306
S020	young	5,8096155	4,6617676	167,642179	166,004973	83,987648	83,5494	1,142372	1,129621	0,579037	0,561258	0,520602	0,621769	0,604762	0,526951	0,263065	0,87926925	23,013785	76,98622	46,72913	53,27087	45,5618	54,4382004	1,460507	1,47102649
S021	young	3,2921777	3,6250234	125,2733989	135,979557	68,279971	71,88386	1,050198	1,142413	0,585787	0,546574	0,506896	0,616878	0,627702	0,539538	0,267548	0,78542736	23,962518	76,03748	46,2217	53,7783	45,36542	54,634582	1,168041835	1,107103633
S023	young	3,3723373	3,496219	159,8452314	160,217381	80,604652	79,59777	1,112398	1,114951	0,548314	0,566359	0,533593	0,58108	0,599998	0,514953	0,2447	0,86753156	22,130547	77,86945	46,18068	53,81932	47,8624	52,1376027	1,438183357	1,435373193
S024	young	3,4681957	3,8195623	156,0975336	156,135809	79,20623	76,90871	1,085322	1,08535	0,526683	0,558666	0,507014	0,578308	0,600517	0,484833	0,231972	0,85333485	21,364516	78,63548	44,66936	55,33064	46,7155	53,2844987	1,43943138	1,439113735
S109	older	3,9842971	3,3002678	161,6030445	157,837933	82,175119	79,45307	1,074844	1,049294	0,546927	0,525836	0,498338	0,577252	0,564879	0,499913	0,275679	0,79905205	25,685067	74,31493	47,01797	52,98203	46,33243	53,6675666	1,477757106	1,50379036
S120	older	7,2371341	6,0262899	158,0477848	157,397781	79,872577	78,04517	1,033586	1,031009	0,52821	0,50502	0,467673	0,565913	0,550149	0,481227	0,236943	0,79652235	22,930611	77,06939	46,66933	53,33067	45,2466	54,7533984	1,524358988	1,529716387
S157	older	13,394182	14,92285	134,4380117	136,379332	73,769892	73,79797	0,870533	0,879448	0,480947	0,44994	0,408048	0,482575	0,463662	0,425887	0,231631	0,6373305	30,809627	69,19037	48,57168	51,42832	46,43921	53,5607881	1,464972364	1,450784383
S158	older	6,2420616	7,4876728	154,0836263	153,604632	76,90871	77,4382	1,128493	1,122978	0,549004	0,579785	0,553922	0,575309	0,59282	0,534863	0,300147	0,82816673	26,650509	73,34949	47,47536	52,52464	49,04536	50,9546443	1,361989816	1,365335697
S019	older	16,654927	18,156323	145,9146967	146,106225	76,760616	69,53975	0,982227	0,978024	0,512427	0,469367	0,435805	0,54693	0,522085	0,460654	0,195326	0,7868435	19,894813	80,10519	46,9312	53,0688	44,32569	55,674312	1,490572669	1,488221938
S107	older	5,6289653	7,0131365	161,6974763	161,988232	79,661943	82,18242	1,054755	1,054751	0,518584	0,536159	0,480506	0,574249	0,590461	0,464595	0,255034	0,79969941	24,179443	75,82056	44,01579	55,98421	45,55454	54,4454603	1,536304947	1,533597792
S156	older	9,5977774	11,560267	169,0490677	169,501163	87,849573	81,43264	0,91337	0,913129	0,458412	0,454892	0,411798	0,501572	0,497984	0,414966	0,188254	0,72507029	20,604349	79,39565	45,47034	54,52966	45,07711	54,9228883	1,857363779	1,852193453
S154	older	4,6344132	4,2175122	174,4508931	173,955023	89,41604	85,04997	0,98246	0,979681	0,4876	0,494668	0,463487	0,519188	0,525294	0,456566	0,239106	0,7433442	24,323502	75,6765	46,51593	53,48407	47,16192	52,8380801	1,772415447	1,776117803
S139	older	2,3123911	3,3595896	174,1774136	174,269432	84,33909	89,88129	1,001577	1,001562	0,500703	0,500852	0,427376	0,5742	0,56969	0,432265	0,226486	0,77507332	22,608174	77,39183	43,12428	56,87572	42,67518	57,3248168	1,741856746	1,740913076
S140	older	2,9506697	3,3020961	158,1984972	158,248564	78,464133	79,79515	1,0365978	1,035978	0,517861	0,518281	0,478282	0,557973	0,547487	0,489249	0,26517	0,77078312	25,598497	74,4015	47,1548	52,8452	46,14742	53,8525755	1,52871699	1,528100852
S141	older	7,5591502	5,909572	160,7662024	158,670793	79,379038	81,5574	1,007012	0,995661	0,501165	0,505916	0,449422	0,559425	0,556796	0,449981	0,213193	0,79389939	21,26789	78,73211	44,70871	55,29129	44,54673	55,4532694	1,577813884	1,594930704
S142	older	10,043592	8,0198868	180,1864495	179,89811	87,878881	92,21188	1,065978	1,066533	0,531579	0,534904	0,481048	0,585413	0,585222	0,481331	0,242468	0,83248508	22,771166	77,22883	45,13033	54,86967	45,10379	54,8962122	1,689255139	1,692166915
S143	older	3,8410958	4,2576284	170,086286	170,060665	84,81436	85,31772	1,150901	1,150185	0,563005	0,587671	0,543259	0,607641	0,615067	0,536043	0,253703	0,89715094	22,042704	77,9573	46,54542	53,45458	47,20304	52,7969573	1,47899978	1,478843997
S145	older	7,1612376	9,0135782	144,4275348	153,610079	84,121717	78,48491	0,851146	0,903801	0,469797	0,469641	0,444323	0,501951	0,499191	0,455111	0,197059	0,65744334	29,076823	70,92318	47,74788	52,25212	47,00611	52,9938886	1,628709245	1,550633855
S146	older	10,743537	8,99983	174,3373991	173,931864	86,541983	87,59221	1,03203	1,032045	0,526157	0,50587	0,47704	0,554991	0,547643	0,484471	0,232434	0,79957519	22,510758	77,48924	46,93415	53,06585	46,22471	53,7752876	1,685958844	1,689975916

Nota: La tabla presenta los valores promedio calculados a partir de los 18 ensayos válidos por sujeto, tras la depuración de ensayos con errores de señal o valores fuera de los rangos de referencia biomecánica. Datos extraídos de la base de datos NONAN GaitPrint (Wiles et al., 2023; Wiles et al., 2025). Elaboración propia.