Resultados

Mixed Model

Model Info

Info	
Estimate	Linear mixed model fit by REML
Call	mediana ~ 1 + angulo + lados + angulo:lados+(1 | sujeto)
AIC	-1731.017
BIC	-1441.343
LogLikel.	802.170
R-squared Marginal	0.788
R-squared Conditional	0.806
Converged	yes
Optimizer	bobyqa

[3]

Model Results

Fixed Effect Omnibus tests

	F	Num df	Den df	p
angulo	242.7	5	483	< .001
lados	16.0	3	483	< .001
angulo ✻ lados	58.9	15	483	< .001

Nota. Satterthwaite method for degrees of freedom

Fixed Effects Parameter Estimates

Names	Effect	Estimate	SE	95% Confidence Interval		df	t	p
				Lower	Upper			
(Intercept)	(Intercept)	0.13502	0.00353	0.12810	0.14194	21.0	38.241	< .001
angulo1	hip_addu - ankle	0.01931	0.00673	0.00612	0.03250	483.0	2.869	0.004
angulo2	hip_flex - ankle	-0.00348	0.00673	-0.01667	0.00971	483.0	-0.518	0.605
angulo3	hip_rot - ankle	-0.12428	0.00673	-0.13747	-0.11109	483.0	-18.465	< .001
angulo4	knee - ankle	0.05055	0.00673	0.03736	0.06375	483.0	7.511	< .001
angulo5	subt - ankle	-0.11987	0.00673	-0.13306	-0.10667	483.0	-17.810	< .001
lados1	L-R - L-L	-0.02116	0.00550	-0.03193	-0.01039	483.0	-3.851	< .001
lados2	R-L - L-L	-0.02248	0.00550	-0.03325	-0.01171	483.0	-4.090	< .001
lados3	R-R - L-L	0.00879	0.00550	-0.00198	0.01956	483.0	1.600	0.110
angulo1 ✻ lados1	hip_addu - ankle ✻ L-R - L-L	-0.13221	0.01904	-0.16952	-0.09490	483.0	-6.945	< .001
angulo2 ✻ lados1	hip_flex - ankle ✻ L-R - L-L	-0.12794	0.01904	-0.16525	-0.09062	483.0	-6.721	< .001
angulo3 ✻ lados1	hip_rot - ankle ✻ L-R - L-L	-0.15275	0.01904	-0.19006	-0.11544	483.0	-8.024	< .001
angulo4 ✻ lados1	knee - ankle ✻ L-R - L-L	-0.37156	0.01904	-0.40887	-0.33425	483.0	-19.518	< .001
angulo5 ✻ lados1	subt - ankle ✻ L-R - L-L	-0.14488	0.01904	-0.18219	-0.10757	483.0	-7.610	< .001
angulo1 ✻ lados2	hip_addu - ankle ✻ R-L - L-L	-0.15236	0.01904	-0.18967	-0.11505	483.0	-8.004	< .001
angulo2 ✻ lados2	hip_flex - ankle ✻ R-L - L-L	-0.11908	0.01904	-0.15639	-0.08177	483.0	-6.256	< .001
angulo3 ✻ lados2	hip_rot - ankle ✻ R-L - L-L	-0.15775	0.01904	-0.19506	-0.12044	483.0	-8.287	< .001
angulo4 ✻ lados2	knee - ankle ✻ R-L - L-L	-0.37951	0.01904	-0.41682	-0.34220	483.0	-19.936	< .001
angulo5 ✻ lados2	subt - ankle ✻ R-L - L-L	-0.16057	0.01904	-0.19788	-0.12326	483.0	-8.435	< .001
angulo1 ✻ lados3	hip_addu - ankle ✻ R-R - L-L	0.01775	0.01904	-0.01956	0.05506	483.0	0.932	0.352
angulo2 ✻ lados3	hip_flex - ankle ✻ R-R - L-L	-0.00611	0.01904	-0.04342	0.03120	483.0	-0.321	0.748
angulo3 ✻ lados3	hip_rot - ankle ✻ R-R - L-L	-0.00983	0.01904	-0.04714	0.02748	483.0	-0.516	0.606
angulo4 ✻ lados3	knee - ankle ✻ R-R - L-L	0.02497	0.01904	-0.01234	0.06228	483.0	1.311	0.190
angulo5 ✻ lados3	subt - ankle ✻ R-R - L-L	0.01040	0.01904	-0.02691	0.04771	483.0	0.546	0.585

Random Components

Groups	Name	SD	Variance	ICC
sujeto	(Intercept)	0.0138	1.91e-4	0.0875
Residual		0.0446	0.00199	

Nota. Number of Obs: 528 , groups: sujeto 22

Post Hoc Tests

Post Hoc Comparisons - angulo ✻ lados

Comparison										
angulo	lados		angulo	lados	Difference	SE	t	df	$p_{bonferroni}$	p_{holm}
ankle	L-L	-	ankle	L-R	-0.13373	0.0135	-9.9345	483	< .001	< .001
ankle	L-L	-	ankle	R-L	-0.13907	0.0135	-10.3314	483	< .001	< .001
ankle	L-L	-	ankle	R-R	-0.00260	0.0135	-0.1930	483	1.000	1.000
ankle	L-L	-	hip_addu	L-L	-0.08602	0.0135	-6.3901	483	< .001	< .001
ankle	L-L	-	hip_addu	L-R	-0.08753	0.0135	-6.5025	483	< .001	< .001
ankle	L-L	-	hip_addu	R-L	-0.07273	0.0135	-5.4029	483	< .001	< .001
ankle	L-L	-	hip_addu	R-R	-0.10636	0.0135	-7.9015	483	< .001	< .001
ankle	L-L	-	hip_flex	L-L	-0.05980	0.0135	-4.4425	483	0.003	0.001
ankle	L-L	-	hip_flex	L-R	-0.06559	0.0135	-4.8728	483	< .001	< .001
ankle	L-L	-	hip_flex	R-L	-0.07979	0.0135	-5.9273	483	< .001	< .001
ankle	L-L	-	hip_flex	R-R	-0.05628	0.0135	-4.1813	483	0.010	0.003
ankle	L-L	-	hip_rot	L-L	0.04420	0.0135	3.2834	483	0.304	0.081
ankle	L-L	-	hip_rot	L-R	0.06322	0.0135	4.6965	483	< .001	< .001
ankle	L-L	-	hip_rot	R-L	0.06288	0.0135	4.6712	483	0.001	< .001
ankle	L-L	-	hip_rot	R-R	0.05143	0.0135	3.8204	483	0.042	0.013
ankle	L-L	-	knee	L-L	-0.23208	0.0135	-17.2413	483	< .001	< .001
ankle	L-L	-	knee	L-R	0.00575	0.0135	0.4272	483	1.000	1.000
ankle	L-L	-	knee	R-L	0.00836	0.0135	0.6212	483	1.000	1.000
ankle	L-L	-	knee	R-R	-0.25964	0.0135	-19.2890	483	< .001	< .001
ankle	L-L	-	subt	L-L	0.04610	0.0135	3.4251	483	0.184	0.051
ankle	L-L	-	subt	L-R	0.05725	0.0135	4.2534	483	0.007	0.002
ankle	L-L	-	subt	R-L	0.06761	0.0135	5.0224	483	< .001	< .001
ankle	L-L	-	subt	R-R	0.03310	0.0135	2.4593	483	1.000	0.913
ankle	L-R	-	ankle	R-L	-0.00534	0.0135	-0.3969	483	1.000	1.000
ankle	L-R	-	ankle	R-R	0.13113	0.0135	9.7416	483	< .001	< .001
ankle	L-R	-	hip_addu	L-R	0.04620	0.0135	3.4320	483	0.180	0.050
ankle	L-R	-	hip_addu	R-L	0.06100	0.0135	4.5317	483	0.002	< .001
ankle	L-R	-	hip_addu	R-R	0.02737	0.0135	2.0331	483	1.000	1.000
ankle	L-R	-	hip_flex	L-R	0.06814	0.0135	5.0618	483	< .001	< .001
ankle	L-R	-	hip_flex	R-L	0.05394	0.0135	4.0072	483	0.020	0.006
ankle	L-R	-	hip_flex	R-R	0.07744	0.0135	5.7532	483	< .001	< .001
ankle	L-R	-	hip_rot	L-R	0.19694	0.0135	14.6311	483	< .001	< .001
ankle	L-R	-	hip_rot	R-L	0.19660	0.0135	14.6058	483	< .001	< .001
ankle	L-R	-	hip_rot	R-R	0.18515	0.0135	13.7550	483	< .001	< .001
ankle	L-R	-	knee	L-R	0.13948	0.0135	10.3617	483	< .001	< .001
ankle	L-R	-	knee	R-L	0.14209	0.0135	10.5558	483	< .001	< .001
ankle	L-R	-	knee	R-R	-0.12592	0.0135	-9.3545	483	< .001	< .001
ankle	L-R	-	subt	L-R	0.19098	0.0135	14.1879	483	< .001	< .001
ankle	L-R	-	subt	R-L	0.20133	0.0135	14.9569	483	< .001	< .001
ankle	L-R	-	subt	R-R	0.16683	0.0135	12.3939	483	< .001	< .001
ankle	R-L	-	ankle	R-R	0.13647	0.0135	10.1385	483	< .001	< .001
ankle	R-L	-	hip_addu	R-L	0.06634	0.0135	4.9286	483	< .001	< .001
ankle	R-L	-	hip_addu	R-R	0.03271	0.0135	2.4299	483	1.000	0.974
ankle	R-L	-	hip_flex	R-L	0.05928	0.0135	4.4041	483	0.004	0.001
ankle	R-L	-	hip_flex	R-R	0.08279	0.0135	6.1501	483	< .001	< .001
ankle	R-L	-	hip_rot	R-L	0.20195	0.0135	15.0027	483	< .001	< .001
ankle	R-L	-	hip_rot	R-R	0.19049	0.0135	14.1519	483	< .001	< .001
ankle	R-L	-	knee	R-L	0.14743	0.0135	10.9527	483	< .001	< .001
ankle	R-L	-	knee	R-R	-0.12058	0.0135	-8.9576	483	< .001	< .001

Post Hoc Comparisons - angulo ✻ lados

Comparison										
angulo	lados		angulo	lados	Difference	SE	t	df	$p_{bonferroni}$	p_{holm}
ankle	R-L	-	subt	R-L	0.20667	0.0135	15.3538	483	< .001	< .001
ankle	R-L	-	subt	R-R	0.17217	0.0135	12.7908	483	< .001	< .001
ankle	R-R	-	hip_addu	R-R	-0.10376	0.0135	-7.7085	483	< .001	< .001
ankle	R-R	-	hip_flex	R-R	-0.05369	0.0135	-3.9883	483	0.021	0.007
ankle	R-R	-	hip_rot	R-R	0.05402	0.0135	4.0134	483	0.019	0.006
ankle	R-R	-	knee	R-R	-0.25705	0.0135	-19.0960	483	< .001	< .001
ankle	R-R	-	subt	R-R	0.03570	0.0135	2.6523	483	1.000	0.553
hip_addu	L-L	-	ankle	L-R	-0.04771	0.0135	-3.5444	483	0.119	0.035
hip_addu	L-L	-	ankle	R-L	-0.05305	0.0135	-3.9413	483	0.026	0.008
hip_addu	L-L	-	ankle	R-R	0.08342	0.0135	6.1971	483	< .001	< .001
hip_addu	L-L	-	hip_addu	L-R	-0.00151	0.0135	-0.1124	483	1.000	1.000
hip_addu	L-L	-	hip_addu	R-L	0.01329	0.0135	0.9873	483	1.000	1.000
hip_addu	L-L	-	hip_addu	R-R	-0.02034	0.0135	-1.5114	483	1.000	1.000
hip_addu	L-L	-	hip_flex	L-L	0.02622	0.0135	1.9476	483	1.000	1.000
hip_addu	L-L	-	hip_flex	L-R	0.02042	0.0135	1.5173	483	1.000	1.000
hip_addu	L-L	-	hip_flex	R-L	0.00623	0.0135	0.4628	483	1.000	1.000
hip_addu	L-L	-	hip_flex	R-R	0.02973	0.0135	2.2088	483	1.000	1.000
hip_addu	L-L	-	hip_rot	L-L	0.13021	0.0135	9.6736	483	< .001	< .001
hip_addu	L-L	-	hip_rot	L-R	0.14923	0.0135	11.0866	483	< .001	< .001
hip_addu	L-L	-	hip_rot	R-L	0.14889	0.0135	11.0613	483	< .001	< .001
hip_addu	L-L	-	hip_rot	R-R	0.13744	0.0135	10.2105	483	< .001	< .001
hip_addu	L-L	-	knee	L-L	-0.14606	0.0135	-10.8512	483	< .001	< .001
hip_addu	L-L	-	knee	L-R	0.09177	0.0135	6.8173	483	< .001	< .001
hip_addu	L-L	-	knee	R-L	0.09438	0.0135	7.0114	483	< .001	< .001
hip_addu	L-L	-	knee	R-R	-0.17363	0.0135	-12.8989	483	< .001	< .001
hip_addu	L-L	-	subt	L-L	0.13212	0.0135	9.8152	483	< .001	< .001
hip_addu	L-L	-	subt	L-R	0.14327	0.0135	10.6435	483	< .001	< .001
hip_addu	L-L	-	subt	R-L	0.15362	0.0135	11.4125	483	< .001	< .001
hip_addu	L-L	-	subt	R-R	0.11912	0.0135	8.8494	483	< .001	< .001
hip_addu	L-R	-	ankle	R-L	-0.05154	0.0135	-3.8289	483	0.040	0.013
hip_addu	L-R	-	ankle	R-R	0.08493	0.0135	6.3095	483	< .001	< .001
hip_addu	L-R	-	hip_addu	R-L	0.01480	0.0135	1.0997	483	1.000	1.000
hip_addu	L-R	-	hip_addu	R-R	-0.01883	0.0135	-1.3990	483	1.000	1.000
hip_addu	L-R	-	hip_flex	L-R	0.02194	0.0135	1.6297	483	1.000	1.000
hip_addu	L-R	-	hip_flex	R-L	0.00774	0.0135	0.5752	483	1.000	1.000
hip_addu	L-R	-	hip_flex	R-R	0.03125	0.0135	2.3212	483	1.000	1.000
hip_addu	L-R	-	hip_rot	L-R	0.15075	0.0135	11.1990	483	< .001	< .001
hip_addu	L-R	-	hip_rot	R-L	0.15041	0.0135	11.1737	483	< .001	< .001
hip_addu	L-R	-	hip_rot	R-R	0.13895	0.0135	10.3229	483	< .001	< .001
hip_addu	L-R	-	knee	L-R	0.09328	0.0135	6.9297	483	< .001	< .001
hip_addu	L-R	-	knee	R-L	0.09589	0.0135	7.1238	483	< .001	< .001
hip_addu	L-R	-	knee	R-R	-0.17212	0.0135	-12.7865	483	< .001	< .001
hip_addu	L-R	-	subt	L-R	0.14478	0.0135	10.7559	483	< .001	< .001
hip_addu	L-R	-	subt	R-L	0.15513	0.0135	11.5249	483	< .001	< .001
hip_addu	L-R	-	subt	R-R	0.12063	0.0135	8.9618	483	< .001	< .001
hip_addu	R-L	-	ankle	R-R	0.07013	0.0135	5.2099	483	< .001	< .001
hip_addu	R-L	-	hip_addu	R-R	-0.03363	0.0135	-2.4986	483	1.000	0.832
hip_addu	R-L	-	hip_flex	R-L	-0.00706	0.0135	-0.5244	483	1.000	1.000
hip_addu	R-L	-	hip_flex	R-R	0.01644	0.0135	1.2216	483	1.000	1.000

Post Hoc Comparisons - angulo ✻ lados

Comparison					Difference	SE	t	df	$p_{bonferroni}$	p_{holm}
angulo	lados		angulo	lados						
hip_addu	R-L	-	hip_rot	R-L	0.13560	0.0135	10.0741	483	< .001	< .001
hip_addu	R-L	-	hip_rot	R-R	0.12415	0.0135	9.2233	483	< .001	< .001
hip_addu	R-L	-	knee	R-L	0.08109	0.0135	6.0241	483	< .001	< .001
hip_addu	R-L	-	knee	R-R	-0.18692	0.0135	-13.8862	483	< .001	< .001
hip_addu	R-L	-	subt	R-L	0.14033	0.0135	10.4253	483	< .001	< .001
hip_addu	R-L	-	subt	R-R	0.10583	0.0135	7.8622	483	< .001	< .001
hip_addu	R-R	-	hip_flex	R-R	0.05008	0.0135	3.7202	483	0.061	0.018
hip_addu	R-R	-	hip_rot	R-R	0.15779	0.0135	11.7219	483	< .001	< .001
hip_addu	R-R	-	knee	R-R	-0.15328	0.0135	-11.3875	483	< .001	< .001
hip_addu	R-R	-	subt	R-R	0.13946	0.0135	10.3608	483	< .001	< .001
hip_flex	L-L	-	ankle	L-R	-0.07393	0.0135	-5.4920	483	< .001	< .001
hip_flex	L-L	-	ankle	R-L	-0.07927	0.0135	-5.8889	483	< .001	< .001
hip_flex	L-L	-	ankle	R-R	0.05720	0.0135	4.2496	483	0.007	0.002
hip_flex	L-L	-	hip_addu	L-R	-0.02773	0.0135	-2.0600	483	1.000	1.000
hip_flex	L-L	-	hip_addu	R-L	-0.01293	0.0135	-0.9603	483	1.000	1.000
hip_flex	L-L	-	hip_addu	R-R	-0.04656	0.0135	-3.4590	483	0.163	0.046
hip_flex	L-L	-	hip_flex	L-R	-0.00579	0.0135	-0.4302	483	1.000	1.000
hip_flex	L-L	-	hip_flex	R-L	-0.01999	0.0135	-1.4848	483	1.000	1.000
hip_flex	L-L	-	hip_flex	R-R	0.00352	0.0135	0.2612	483	1.000	1.000
hip_flex	L-L	-	hip_rot	L-L	0.10400	0.0135	7.7260	483	< .001	< .001
hip_flex	L-L	-	hip_rot	L-R	0.12302	0.0135	9.1390	483	< .001	< .001
hip_flex	L-L	-	hip_rot	R-L	0.12268	0.0135	9.1138	483	< .001	< .001
hip_flex	L-L	-	hip_rot	R-R	0.11123	0.0135	8.2630	483	< .001	< .001
hip_flex	L-L	-	knee	L-L	-0.17228	0.0135	-12.7988	483	< .001	< .001
hip_flex	L-L	-	knee	L-R	0.06555	0.0135	4.8697	483	< .001	< .001
hip_flex	L-L	-	knee	R-L	0.06816	0.0135	5.0638	483	< .001	< .001
hip_flex	L-L	-	knee	R-R	-0.19984	0.0135	-14.8465	483	< .001	< .001
hip_flex	L-L	-	subt	L-L	0.10590	0.0135	7.8677	483	< .001	< .001
hip_flex	L-L	-	subt	L-R	0.11705	0.0135	8.6959	483	< .001	< .001
hip_flex	L-L	-	subt	R-L	0.12741	0.0135	9.4649	483	< .001	< .001
hip_flex	L-L	-	subt	R-R	0.09290	0.0135	6.9019	483	< .001	< .001
hip_flex	L-R	-	ankle	R-L	-0.07348	0.0135	-5.4587	483	< .001	< .001
hip_flex	L-R	-	ankle	R-R	0.06299	0.0135	4.6798	483	0.001	< .001
hip_flex	L-R	-	hip_addu	R-L	-0.00714	0.0135	-0.5301	483	1.000	1.000
hip_flex	L-R	-	hip_addu	R-R	-0.04077	0.0135	-3.0287	483	0.714	0.186
hip_flex	L-R	-	hip_flex	R-L	-0.01419	0.0135	-1.0545	483	1.000	1.000
hip_flex	L-R	-	hip_flex	R-R	0.00931	0.0135	0.6915	483	1.000	1.000
hip_flex	L-R	-	hip_rot	L-R	0.12881	0.0135	9.5693	483	< .001	< .001
hip_flex	L-R	-	hip_rot	R-L	0.12847	0.0135	9.5440	483	< .001	< .001
hip_flex	L-R	-	hip_rot	R-R	0.11702	0.0135	8.6932	483	< .001	< .001
hip_flex	L-R	-	knee	L-R	0.07134	0.0135	5.3000	483	< .001	< .001
hip_flex	L-R	-	knee	R-L	0.07395	0.0135	5.4940	483	< .001	< .001
hip_flex	L-R	-	knee	R-R	-0.19405	0.0135	-14.4162	483	< .001	< .001
hip_flex	L-R	-	subt	L-R	0.12285	0.0135	9.1262	483	< .001	< .001
hip_flex	L-R	-	subt	R-L	0.13320	0.0135	9.8952	483	< .001	< .001
hip_flex	L-R	-	subt	R-R	0.09870	0.0135	7.3321	483	< .001	< .001
hip_flex	R-L	-	ankle	R-R	0.07719	0.0135	5.7343	483	< .001	< .001
hip_flex	R-L	-	hip_addu	R-R	-0.02657	0.0135	-1.9742	483	1.000	1.000
hip_flex	R-L	-	hip_flex	R-R	0.02350	0.0135	1.7460	483	1.000	1.000

Post Hoc Comparisons - angulo ✻ lados

Comparison										
angulo	lados		angulo	lados	Difference	SE	t	df	$p_{bonferroni}$	p_{holm}
hip_flex	R-L	-	hip_rot	R-L	0.14266	0.0135	10.5985	483	< .001	< .001
hip_flex	R-L	-	hip_rot	R-R	0.13121	0.0135	9.7477	483	< .001	< .001
hip_flex	R-L	-	knee	R-L	0.08815	0.0135	6.5485	483	< .001	< .001
hip_flex	R-L	-	knee	R-R	-0.17986	0.0135	-13.3617	483	< .001	< .001
hip_flex	R-L	-	subt	R-L	0.14739	0.0135	10.9497	483	< .001	< .001
hip_flex	R-L	-	subt	R-R	0.11289	0.0135	8.3866	483	< .001	< .001
hip_flex	R-R	-	hip_rot	R-R	0.10771	0.0135	8.0017	483	< .001	< .001
hip_flex	R-R	-	knee	R-R	-0.20336	0.0135	-15.1077	483	< .001	< .001
hip_flex	R-R	-	subt	R-R	0.08939	0.0135	6.6406	483	< .001	< .001
hip_rot	L-L	-	ankle	L-R	-0.17792	0.0135	-13.2180	483	< .001	< .001
hip_rot	L-L	-	ankle	R-L	-0.18327	0.0135	-13.6149	483	< .001	< .001
hip_rot	L-L	-	ankle	R-R	-0.04680	0.0135	-3.4764	483	0.153	0.044
hip_rot	L-L	-	hip_addu	L-R	-0.13173	0.0135	-9.7860	483	< .001	< .001
hip_rot	L-L	-	hip_addu	R-L	-0.11692	0.0135	-8.6863	483	< .001	< .001
hip_rot	L-L	-	hip_addu	R-R	-0.15056	0.0135	-11.1849	483	< .001	< .001
hip_rot	L-L	-	hip_flex	L-R	-0.10979	0.0135	-8.1562	483	< .001	< .001
hip_rot	L-L	-	hip_flex	R-L	-0.12398	0.0135	-9.2107	483	< .001	< .001
hip_rot	L-L	-	hip_flex	R-R	-0.10048	0.0135	-7.4648	483	< .001	< .001
hip_rot	L-L	-	hip_rot	L-R	0.01902	0.0135	1.4131	483	1.000	1.000
hip_rot	L-L	-	hip_rot	R-L	0.01868	0.0135	1.3878	483	1.000	1.000
hip_rot	L-L	-	hip_rot	R-R	0.00723	0.0135	0.5370	483	1.000	1.000
hip_rot	L-L	-	knee	L-L	-0.27628	0.0135	-20.5247	483	< .001	< .001
hip_rot	L-L	-	knee	L-R	-0.03845	0.0135	-2.8563	483	1.000	0.313
hip_rot	L-L	-	knee	R-L	-0.03584	0.0135	-2.6622	483	1.000	0.545
hip_rot	L-L	-	knee	R-R	-0.30384	0.0135	-22.5725	483	< .001	< .001
hip_rot	L-L	-	subt	L-L	0.00191	0.0135	0.1417	483	1.000	1.000
hip_rot	L-L	-	subt	L-R	0.01306	0.0135	0.9700	483	1.000	1.000
hip_rot	L-L	-	subt	R-L	0.02341	0.0135	1.7390	483	1.000	1.000
hip_rot	L-L	-	subt	R-R	-0.01109	0.0135	-0.8241	483	1.000	1.000
hip_rot	L-R	-	ankle	R-L	-0.20229	0.0135	-15.0279	483	< .001	< .001
hip_rot	L-R	-	ankle	R-R	-0.06582	0.0135	-4.8895	483	< .001	< .001
hip_rot	L-R	-	hip_addu	R-L	-0.13595	0.0135	-10.0994	483	< .001	< .001
hip_rot	L-R	-	hip_addu	R-R	-0.16958	0.0135	-12.5980	483	< .001	< .001
hip_rot	L-R	-	hip_flex	R-L	-0.14300	0.0135	-10.6238	483	< .001	< .001
hip_rot	L-R	-	hip_flex	R-R	-0.11950	0.0135	-8.8778	483	< .001	< .001
hip_rot	L-R	-	hip_rot	R-L	-3.40e−4	0.0135	-0.0253	483	1.000	1.000
hip_rot	L-R	-	hip_rot	R-R	-0.01179	0.0135	-0.8761	483	1.000	1.000
hip_rot	L-R	-	knee	L-R	-0.05747	0.0135	-4.2693	483	0.007	0.002
hip_rot	L-R	-	knee	R-L	-0.05486	0.0135	-4.0753	483	0.015	0.005
hip_rot	L-R	-	knee	R-R	-0.32286	0.0135	-23.9855	483	< .001	< .001
hip_rot	L-R	-	subt	L-R	-0.00596	0.0135	-0.4431	483	1.000	1.000
hip_rot	L-R	-	subt	R-L	0.00439	0.0135	0.3259	483	1.000	1.000
hip_rot	L-R	-	subt	R-R	-0.03011	0.0135	-2.2372	483	1.000	1.000
hip_rot	R-L	-	ankle	R-R	-0.06548	0.0135	-4.8642	483	< .001	< .001
hip_rot	R-L	-	hip_addu	R-R	-0.16924	0.0135	-12.5727	483	< .001	< .001
hip_rot	R-L	-	hip_flex	R-R	-0.11916	0.0135	-8.8525	483	< .001	< .001
hip_rot	R-L	-	hip_rot	R-R	-0.01145	0.0135	-0.8508	483	1.000	1.000
hip_rot	R-L	-	knee	R-L	-0.05452	0.0135	-4.0500	483	0.016	0.005
hip_rot	R-L	-	knee	R-R	-0.32252	0.0135	-23.9602	483	< .001	< .001

Post Hoc Comparisons - angulo ✻ lados

Comparison					Difference	SE	t	df	$p_{bonferroni}$	p_{holm}
angulo	lados		angulo	lados						
hip_rot	R-L	-	subt	R-L	0.00473	0.0135	0.3512	483	1.000	1.000
hip_rot	R-L	-	subt	R-R	-0.02977	0.0135	-2.2119	483	1.000	1.000
hip_rot	R-R	-	knee	R-R	-0.31107	0.0135	-23.1094	483	< .001	< .001
hip_rot	R-R	-	subt	R-R	-0.01832	0.0135	-1.3611	483	1.000	1.000
knee	L-L	-	ankle	L-R	0.09835	0.0135	7.3068	483	< .001	< .001
knee	L-L	-	ankle	R-L	0.09301	0.0135	6.9099	483	< .001	< .001
knee	L-L	-	ankle	R-R	0.22948	0.0135	17.0483	483	< .001	< .001
knee	L-L	-	hip_addu	L-R	0.14455	0.0135	10.7388	483	< .001	< .001
knee	L-L	-	hip_addu	R-L	0.15935	0.0135	11.8384	483	< .001	< .001
knee	L-L	-	hip_addu	R-R	0.12572	0.0135	9.3398	483	< .001	< .001
knee	L-L	-	hip_flex	L-R	0.16649	0.0135	12.3685	483	< .001	< .001
knee	L-L	-	hip_flex	R-L	0.15229	0.0135	11.3140	483	< .001	< .001
knee	L-L	-	hip_flex	R-R	0.17580	0.0135	13.0600	483	< .001	< .001
knee	L-L	-	hip_rot	L-R	0.29530	0.0135	21.9378	483	< .001	< .001
knee	L-L	-	hip_rot	R-L	0.29496	0.0135	21.9125	483	< .001	< .001
knee	L-L	-	hip_rot	R-R	0.28351	0.0135	21.0617	483	< .001	< .001
knee	L-L	-	knee	L-R	0.23783	0.0135	17.6685	483	< .001	< .001
knee	L-L	-	knee	R-L	0.24044	0.0135	17.8625	483	< .001	< .001
knee	L-L	-	knee	R-R	-0.02756	0.0135	-2.0477	483	1.000	1.000
knee	L-L	-	subt	L-L	0.27819	0.0135	20.6664	483	< .001	< .001
knee	L-L	-	subt	L-R	0.28933	0.0135	21.4947	483	< .001	< .001
knee	L-L	-	subt	R-L	0.29969	0.0135	22.2637	483	< .001	< .001
knee	L-L	-	subt	R-R	0.26519	0.0135	19.7006	483	< .001	< .001
knee	L-R	-	ankle	R-L	-0.14482	0.0135	-10.7586	483	< .001	< .001
knee	L-R	-	ankle	R-R	-0.00835	0.0135	-0.6202	483	1.000	1.000
knee	L-R	-	hip_addu	R-L	-0.07848	0.0135	-5.8300	483	< .001	< .001
knee	L-R	-	hip_addu	R-R	-0.11211	0.0135	-8.3287	483	< .001	< .001
knee	L-R	-	hip_flex	R-L	-0.08554	0.0135	-6.3545	483	< .001	< .001
knee	L-R	-	hip_flex	R-R	-0.06203	0.0135	-4.6085	483	0.001	< .001
knee	L-R	-	hip_rot	R-L	0.05713	0.0135	4.2440	483	0.007	0.002
knee	L-R	-	hip_rot	R-R	0.04568	0.0135	3.3932	483	0.206	0.056
knee	L-R	-	knee	R-L	0.00261	0.0135	0.1941	483	1.000	1.000
knee	L-R	-	knee	R-R	-0.26539	0.0135	-19.7162	483	< .001	< .001
knee	L-R	-	subt	L-R	0.05150	0.0135	3.8262	483	0.041	0.013
knee	L-R	-	subt	R-L	0.06186	0.0135	4.5952	483	0.002	< .001
knee	L-R	-	subt	R-R	0.02735	0.0135	2.0321	483	1.000	1.000
knee	R-L	-	ankle	R-R	-0.01096	0.0135	-0.8142	483	1.000	1.000
knee	R-L	-	hip_addu	R-R	-0.11472	0.0135	-8.5227	483	< .001	< .001
knee	R-L	-	hip_flex	R-R	-0.06465	0.0135	-4.8025	483	< .001	< .001
knee	R-L	-	hip_rot	R-R	0.04306	0.0135	3.1992	483	0.405	0.107
knee	R-L	-	knee	R-R	-0.26801	0.0135	-19.9102	483	< .001	< .001
knee	R-L	-	subt	R-L	0.05924	0.0135	4.4012	483	0.004	0.001
knee	R-L	-	subt	R-R	0.02474	0.0135	1.8381	483	1.000	1.000
knee	R-R	-	subt	R-R	0.29275	0.0135	21.7483	483	< .001	< .001
subt	L-L	-	ankle	L-R	-0.17983	0.0135	-13.3597	483	< .001	< .001
subt	L-L	-	ankle	R-L	-0.18517	0.0135	-13.7566	483	< .001	< .001
subt	L-L	-	ankle	R-R	-0.04870	0.0135	-3.6181	483	0.091	0.027
subt	L-L	-	hip_addu	L-R	-0.13363	0.0135	-9.9276	483	< .001	< .001
subt	L-L	-	hip_addu	R-L	-0.11883	0.0135	-8.8280	483	< .001	< .001

Post Hoc Comparisons - angulo ✻ lados

Comparison					Difference	SE	t	df	$p_{bonferroni}$	p_{holm}
angulo	lados		angulo	lados						
subt	L-L	-	hip_addu	R-R	-0.15246	0.0135	-11.3266	483	< .001	< .001
subt	L-L	-	hip_flex	L-R	-0.11170	0.0135	-8.2979	483	< .001	< .001
subt	L-L	-	hip_flex	R-L	-0.12589	0.0135	-9.3524	483	< .001	< .001
subt	L-L	-	hip_flex	R-R	-0.10239	0.0135	-7.6064	483	< .001	< .001
subt	L-L	-	hip_rot	L-R	0.01711	0.0135	1.2714	483	1.000	1.000
subt	L-L	-	hip_rot	R-L	0.01677	0.0135	1.2461	483	1.000	1.000
subt	L-L	-	hip_rot	R-R	0.00532	0.0135	0.3953	483	1.000	1.000
subt	L-L	-	knee	L-R	-0.04035	0.0135	-2.9979	483	0.789	0.203
subt	L-L	-	knee	R-L	-0.03774	0.0135	-2.8039	483	1.000	0.362
subt	L-L	-	knee	R-R	-0.30575	0.0135	-22.7141	483	< .001	< .001
subt	L-L	-	subt	L-R	0.01115	0.0135	0.8283	483	1.000	1.000
subt	L-L	-	subt	R-L	0.02150	0.0135	1.5973	483	1.000	1.000
subt	L-L	-	subt	R-R	-0.01300	0.0135	-0.9658	483	1.000	1.000
subt	L-R	-	ankle	R-L	-0.19632	0.0135	-14.5848	483	< .001	< .001
subt	L-R	-	ankle	R-R	-0.05985	0.0135	-4.4464	483	0.003	0.001
subt	L-R	-	hip_addu	R-L	-0.12998	0.0135	-9.6563	483	< .001	< .001
subt	L-R	-	hip_addu	R-R	-0.16361	0.0135	-12.1549	483	< .001	< .001
subt	L-R	-	hip_flex	R-L	-0.13704	0.0135	-10.1807	483	< .001	< .001
subt	L-R	-	hip_flex	R-R	-0.11354	0.0135	-8.4347	483	< .001	< .001
subt	L-R	-	hip_rot	R-L	0.00562	0.0135	0.4178	483	1.000	1.000
subt	L-R	-	hip_rot	R-R	-0.00583	0.0135	-0.4330	483	1.000	1.000
subt	L-R	-	knee	R-L	-0.04889	0.0135	-3.6322	483	0.086	0.026
subt	L-R	-	knee	R-R	-0.31690	0.0135	-23.5424	483	< .001	< .001
subt	L-R	-	subt	R-L	0.01035	0.0135	0.7690	483	1.000	1.000
subt	L-R	-	subt	R-R	-0.02415	0.0135	-1.7941	483	1.000	1.000
subt	R-L	-	ankle	R-R	-0.07020	0.0135	-5.2154	483	< .001	< .001
subt	R-L	-	hip_addu	R-R	-0.17397	0.0135	-12.9239	483	< .001	< .001
subt	R-L	-	hip_flex	R-R	-0.12389	0.0135	-9.2037	483	< .001	< .001
subt	R-L	-	hip_rot	R-R	-0.01618	0.0135	-1.2020	483	1.000	1.000
subt	R-L	-	knee	R-R	-0.32725	0.0135	-24.3114	483	< .001	< .001
subt	R-L	-	subt	R-R	-0.03450	0.0135	-2.5631	483	1.000	0.705

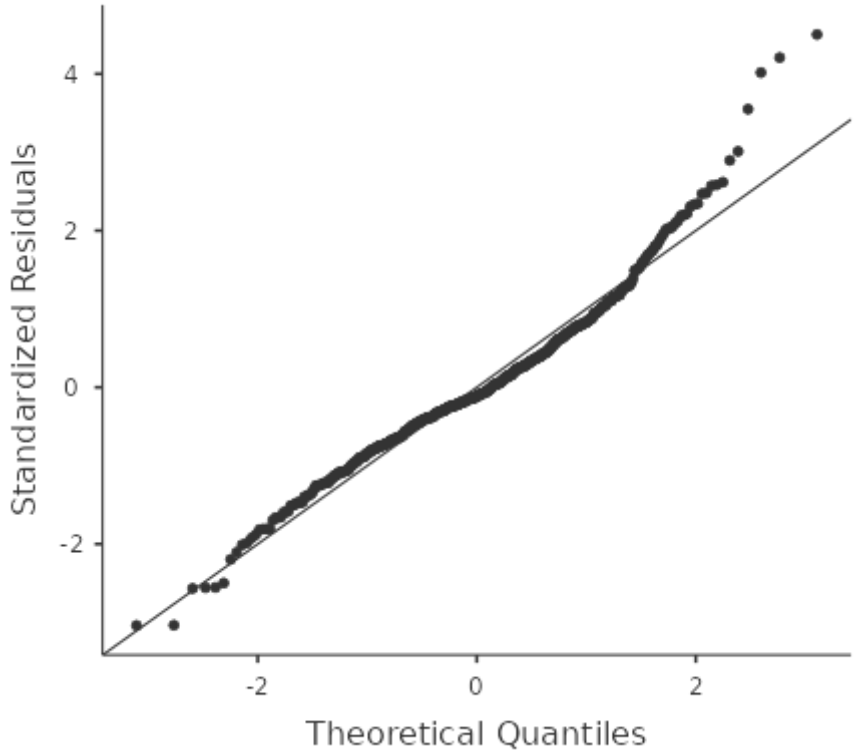
Note: Residuals plotted by sujeto

Assumption Checks

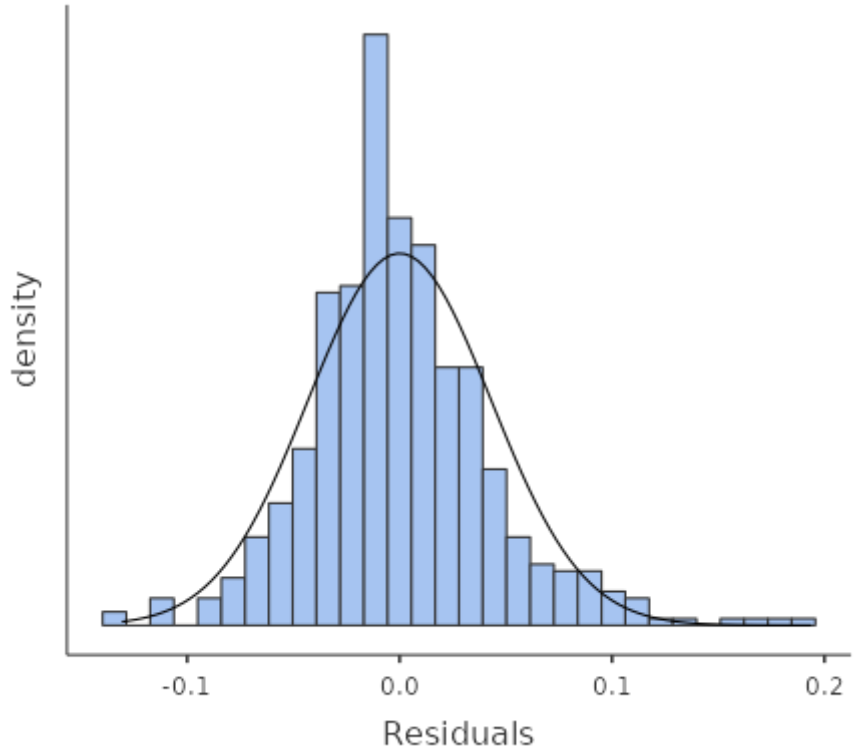
Test for Normality of residuals

Test	Statistics	p
Kolmogorov-Smirnov	0.0678	0.016
Shapiro-Wilk	0.9666	< .001

Q-Q Plot

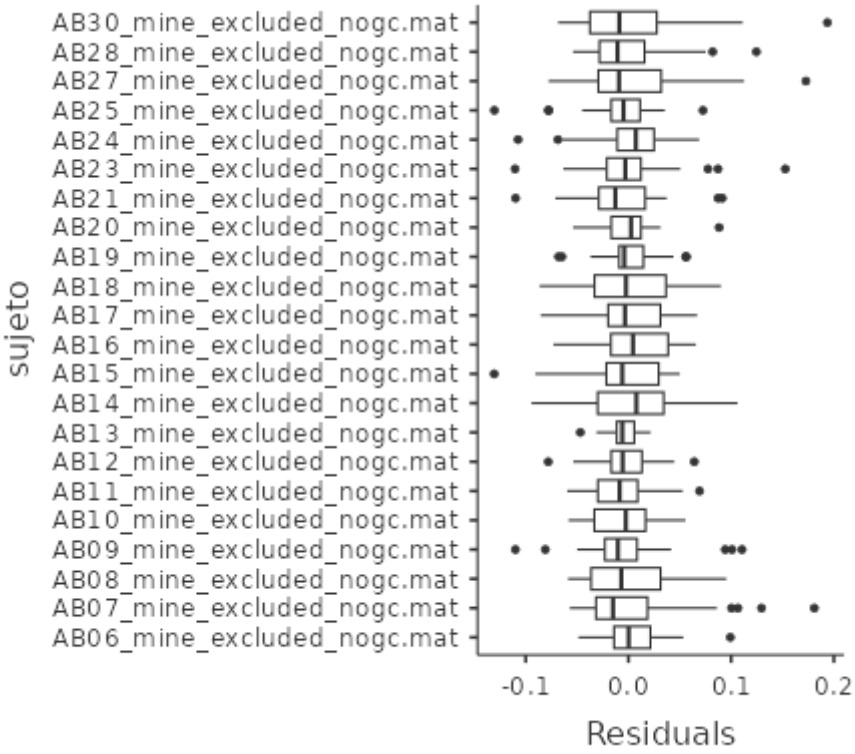


Residual histogram



Residuals by cluster boxplot

Clustering variable: sujeto



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