Resultados

Mixed Model

Model Info

Info	
Estimate	Linear mixed model fit by REML
Call	mediana ~ 1 + angulo + lados + angulo:lados+(1 | sujeto)
AIC	-2600.078
BIC	-2270.902
LogLikel.	1216.949
R-squared Marginal	0.565
R-squared Conditional	0.651
Converged	yes
Optimizer	bobyqa

[3]

Model Results

Fixed Effect Omnibus tests

	F	Num df	Den df	p
angulo	144.90	5	483	< .001
lados	11.63	3	483	< .001
angulo ✻ lados	6.20	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)	0.02111	0.00221	0.01678	0.02543	21.0	9.562	< .001
angulo1	hip_addu - ankle	-0.01105	0.00291	-0.01675	-0.00534	483.0	-3.796	< .001
angulo2	hip_flex - ankle	0.05057	0.00291	0.04487	0.05628	483.0	17.376	< .001
angulo3	hip_rot - ankle	-0.01057	0.00291	-0.01627	-0.00486	483.0	-3.631	< .001
angulo4	knee - ankle	-0.01156	0.00291	-0.01726	-0.00585	483.0	-3.971	< .001
angulo5	subt - ankle	-0.01217	0.00291	-0.01788	-0.00647	483.0	-4.183	< .001
lados1	L-R - L-L	0.00910	0.00238	0.00445	0.01376	483.0	3.831	< .001
lados2	R-L - L-L	0.01196	0.00238	0.00730	0.01661	483.0	5.031	< .001
lados3	R-R - L-L	0.00179	0.00238	-0.00287	0.00645	483.0	0.754	0.451
angulo1 ✻ lados1	hip_addu - ankle ✻ L-R - L-L	-0.01869	0.00823	-0.03482	-0.00256	483.0	-2.270	0.024
angulo2 ✻ lados1	hip_flex - ankle ✻ L-R - L-L	0.02243	0.00823	0.00629	0.03856	483.0	2.724	0.007
angulo3 ✻ lados1	hip_rot - ankle ✻ L-R - L-L	-0.01998	0.00823	-0.03611	-0.00385	483.0	-2.427	0.016
angulo4 ✻ lados1	knee - ankle ✻ L-R - L-L	-0.01092	0.00823	-0.02706	0.00521	483.0	-1.327	0.185
angulo5 ✻ lados1	subt - ankle ✻ L-R - L-L	-0.00461	0.00823	-0.02075	0.01152	483.0	-0.561	0.575
angulo1 ✻ lados2	hip_addu - ankle ✻ R-L - L-L	-0.01457	0.00823	-0.03071	0.00156	483.0	-1.770	0.077
angulo2 ✻ lados2	hip_flex - ankle ✻ R-L - L-L	0.03240	0.00823	0.01626	0.04853	483.0	3.935	< .001
angulo3 ✻ lados2	hip_rot - ankle ✻ R-L - L-L	-0.02342	0.00823	-0.03956	-0.00729	483.0	-2.846	0.005
angulo4 ✻ lados2	knee - ankle ✻ R-L - L-L	-0.01060	0.00823	-0.02674	0.00553	483.0	-1.288	0.198
angulo5 ✻ lados2	subt - ankle ✻ R-L - L-L	-0.00769	0.00823	-0.02382	0.00845	483.0	-0.934	0.351
angulo1 ✻ lados3	hip_addu - ankle ✻ R-R - L-L	-0.00160	0.00823	-0.01773	0.01453	483.0	-0.194	0.846
angulo2 ✻ lados3	hip_flex - ankle ✻ R-R - L-L	-0.00214	0.00823	-0.01828	0.01399	483.0	-0.260	0.795
angulo3 ✻ lados3	hip_rot - ankle ✻ R-R - L-L	-0.00311	0.00823	-0.01924	0.01303	483.0	-0.378	0.706
angulo4 ✻ lados3	knee - ankle ✻ R-R - L-L	-0.00163	0.00823	-0.01776	0.01451	483.0	-0.198	0.843
angulo5 ✻ lados3	subt - ankle ✻ R-R - L-L	-0.00154	0.00823	-0.01767	0.01460	483.0	-0.187	0.852

Random Components

Groups	Name	SD	Variance	ICC
sujeto	(Intercept)	0.00957	9.17e-5	0.197
Residual		0.01931	3.73e-4	

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

Post Hoc Tests

Post Hoc Comparisons - angulo ✻ lados

Comparison					Difference	SE	t	df	$p_{bonferroni}$	p_{holm}
angulo	lados		angulo	lados						
ankle	L-L	-	ankle	L-R	-0.01440	0.00582	-2.47390	483	1.000	1.000
ankle	L-L	-	ankle	R-L	-0.01594	0.00582	-2.73812	483	1.000	1.000
ankle	L-L	-	ankle	R-R	-0.00346	0.00582	-0.59452	483	1.000	1.000
ankle	L-L	-	hip_addu	L-L	0.00233	0.00582	0.40066	483	1.000	1.000
ankle	L-L	-	hip_addu	L-R	0.00662	0.00582	1.13758	483	1.000	1.000
ankle	L-L	-	hip_addu	R-L	9.65e-4	0.00582	0.16579	483	1.000	1.000
ankle	L-L	-	hip_addu	R-R	4.72e-4	0.00582	0.08113	483	1.000	1.000
ankle	L-L	-	hip_flex	L-L	-0.03740	0.00582	-6.42532	483	< .001	< .001
ankle	L-L	-	hip_flex	L-R	-0.07423	0.00582	-12.75205	483	< .001	< .001
ankle	L-L	-	hip_flex	R-L	-0.08573	0.00582	-14.72882	483	< .001	< .001
ankle	L-L	-	hip_flex	R-R	-0.03872	0.00582	-6.65204	483	< .001	< .001
ankle	L-L	-	hip_rot	L-L	-0.00106	0.00582	-0.18206	483	1.000	1.000
ankle	L-L	-	hip_rot	L-R	0.00452	0.00582	0.77646	483	1.000	1.000
ankle	L-L	-	hip_rot	R-L	0.00643	0.00582	1.10410	483	1.000	1.000
ankle	L-L	-	hip_rot	R-R	-0.00141	0.00582	-0.24257	483	1.000	1.000
ankle	L-L	-	knee	L-L	0.00577	0.00582	0.99084	483	1.000	1.000
ankle	L-L	-	knee	L-R	0.00229	0.00582	0.39376	483	1.000	1.000
ankle	L-L	-	knee	R-L	4.32e-4	0.00582	0.07417	483	1.000	1.000
ankle	L-L	-	knee	R-R	0.00393	0.00582	0.67596	483	1.000	1.000
ankle	L-L	-	subt	L-L	0.00871	0.00582	1.49704	483	1.000	1.000
ankle	L-L	-	subt	L-R	-0.00107	0.00582	-0.18413	483	1.000	1.000
ankle	L-L	-	subt	R-L	4.63e-4	0.00582	0.07949	483	1.000	1.000
ankle	L-L	-	subt	R-R	0.00679	0.00582	1.16680	483	1.000	1.000
ankle	L-R	-	ankle	R-L	-0.00154	0.00582	-0.26422	483	1.000	1.000
ankle	L-R	-	ankle	R-R	0.01094	0.00582	1.87939	483	1.000	1.000
ankle	L-R	-	hip_addu	L-R	0.02102	0.00582	3.61148	483	0.093	0.062
ankle	L-R	-	hip_addu	R-L	0.01537	0.00582	2.63969	483	1.000	1.000
ankle	L-R	-	hip_addu	R-R	0.01487	0.00582	2.55504	483	1.000	1.000
ankle	L-R	-	hip_flex	L-R	-0.05983	0.00582	-10.27815	483	< .001	< .001
ankle	L-R	-	hip_flex	R-L	-0.07133	0.00582	-12.25492	483	< .001	< .001
ankle	L-R	-	hip_flex	R-R	-0.02432	0.00582	-4.17814	483	0.010	0.007
ankle	L-R	-	hip_rot	L-R	0.01892	0.00582	3.25036	483	0.340	0.222
ankle	L-R	-	hip_rot	R-L	0.02083	0.00582	3.57800	483	0.105	0.070
ankle	L-R	-	hip_rot	R-R	0.01299	0.00582	2.23134	483	1.000	1.000
ankle	L-R	-	knee	L-R	0.01669	0.00582	2.86766	483	1.000	0.751
ankle	L-R	-	knee	R-L	0.01483	0.00582	2.54807	483	1.000	1.000
ankle	L-R	-	knee	R-R	0.01833	0.00582	3.14986	483	0.479	0.311
ankle	L-R	-	subt	L-R	0.01333	0.00582	2.28977	483	1.000	1.000
ankle	L-R	-	subt	R-L	0.01486	0.00582	2.55339	483	1.000	1.000
ankle	L-R	-	subt	R-R	0.02119	0.00582	3.64070	483	0.083	0.056
ankle	R-L	-	ankle	R-R	0.01248	0.00582	2.14361	483	1.000	1.000
ankle	R-L	-	hip_addu	R-L	0.01690	0.00582	2.90391	483	1.000	0.678
ankle	R-L	-	hip_addu	R-R	0.01641	0.00582	2.81926	483	1.000	0.867
ankle	R-L	-	hip_flex	R-L	-0.06980	0.00582	-11.99070	483	< .001	< .001
ankle	R-L	-	hip_flex	R-R	-0.02278	0.00582	-3.91392	483	0.029	0.020
ankle	R-L	-	hip_rot	R-L	0.02236	0.00582	3.84223	483	0.038	0.026
ankle	R-L	-	hip_rot	R-R	0.01453	0.00582	2.49556	483	1.000	1.000
ankle	R-L	-	knee	R-L	0.01637	0.00582	2.81229	483	1.000	0.875
ankle	R-L	-	knee	R-R	0.01987	0.00582	3.41408	483	0.192	0.126

Post Hoc Comparisons - angulo ✻ lados

Comparison										
angulo	lados		angulo	lados	Difference	SE	t	df	$p_{bonferroni}$	p_{holm}
ankle	R-L	-	subt	R-L	0.01640	0.00582	2.81761	483	1.000	0.867
ankle	R-L	-	subt	R-R	0.02273	0.00582	3.90492	483	0.030	0.021
ankle	R-R	-	hip_addu	R-R	0.00393	0.00582	0.67565	483	1.000	1.000
ankle	R-R	-	hip_flex	R-R	-0.03526	0.00582	-6.05752	483	< .001	< .001
ankle	R-R	-	hip_rot	R-R	0.00205	0.00582	0.35195	483	1.000	1.000
ankle	R-R	-	knee	R-R	0.00740	0.00582	1.27047	483	1.000	1.000
ankle	R-R	-	subt	R-R	0.01025	0.00582	1.76131	483	1.000	1.000
hip_addu	L-L	-	ankle	L-R	-0.01673	0.00582	-2.87456	483	1.000	0.739
hip_addu	L-L	-	ankle	R-L	-0.01827	0.00582	-3.13879	483	0.497	0.320
hip_addu	L-L	-	ankle	R-R	-0.00579	0.00582	-0.99518	483	1.000	1.000
hip_addu	L-L	-	hip_addu	L-R	0.00429	0.00582	0.73692	483	1.000	1.000
hip_addu	L-L	-	hip_addu	R-L	-0.00137	0.00582	-0.23487	483	1.000	1.000
hip_addu	L-L	-	hip_addu	R-R	-0.00186	0.00582	-0.31953	483	1.000	1.000
hip_addu	L-L	-	hip_flex	L-L	-0.03973	0.00582	-6.82598	483	< .001	< .001
hip_addu	L-L	-	hip_flex	L-R	-0.07656	0.00582	-13.15271	483	< .001	< .001
hip_addu	L-L	-	hip_flex	R-L	-0.08807	0.00582	-15.12948	483	< .001	< .001
hip_addu	L-L	-	hip_flex	R-R	-0.04105	0.00582	-7.05270	483	< .001	< .001
hip_addu	L-L	-	hip_rot	L-L	-0.00339	0.00582	-0.58273	483	1.000	1.000
hip_addu	L-L	-	hip_rot	L-R	0.00219	0.00582	0.37580	483	1.000	1.000
hip_addu	L-L	-	hip_rot	R-L	0.00409	0.00582	0.70344	483	1.000	1.000
hip_addu	L-L	-	hip_rot	R-R	-0.00374	0.00582	-0.64323	483	1.000	1.000
hip_addu	L-L	-	knee	L-L	0.00344	0.00582	0.59017	483	1.000	1.000
hip_addu	L-L	-	knee	L-R	-4.02e−5	0.00582	-0.00691	483	1.000	1.000
hip_addu	L-L	-	knee	R-L	-0.00190	0.00582	-0.32649	483	1.000	1.000
hip_addu	L-L	-	knee	R-R	0.00160	0.00582	0.27530	483	1.000	1.000
hip_addu	L-L	-	subt	L-L	0.00638	0.00582	1.09637	483	1.000	1.000
hip_addu	L-L	-	subt	L-R	-0.00340	0.00582	-0.58479	483	1.000	1.000
hip_addu	L-L	-	subt	R-L	-0.00187	0.00582	-0.32118	483	1.000	1.000
hip_addu	L-L	-	subt	R-R	0.00446	0.00582	0.76613	483	1.000	1.000
hip_addu	L-R	-	ankle	R-L	-0.02256	0.00582	-3.87570	483	0.033	0.023
hip_addu	L-R	-	ankle	R-R	-0.01008	0.00582	-1.73210	483	1.000	1.000
hip_addu	L-R	-	hip_addu	R-L	-0.00566	0.00582	-0.97179	483	1.000	1.000
hip_addu	L-R	-	hip_addu	R-R	-0.00615	0.00582	-1.05645	483	1.000	1.000
hip_addu	L-R	-	hip_flex	L-R	-0.08085	0.00582	-13.88963	483	< .001	< .001
hip_addu	L-R	-	hip_flex	R-L	-0.09236	0.00582	-15.86640	483	< .001	< .001
hip_addu	L-R	-	hip_flex	R-R	-0.04534	0.00582	-7.78962	483	< .001	< .001
hip_addu	L-R	-	hip_rot	L-R	-0.00210	0.00582	-0.36112	483	1.000	1.000
hip_addu	L-R	-	hip_rot	R-L	-1.95e−4	0.00582	-0.03348	483	1.000	1.000
hip_addu	L-R	-	hip_rot	R-R	-0.00803	0.00582	-1.38015	483	1.000	1.000
hip_addu	L-R	-	knee	L-R	-0.00433	0.00582	-0.74382	483	1.000	1.000
hip_addu	L-R	-	knee	R-L	-0.00619	0.00582	-1.06341	483	1.000	1.000
hip_addu	L-R	-	knee	R-R	-0.00269	0.00582	-0.46162	483	1.000	1.000
hip_addu	L-R	-	subt	L-R	-0.00769	0.00582	-1.32171	483	1.000	1.000
hip_addu	L-R	-	subt	R-L	-0.00616	0.00582	-1.05809	483	1.000	1.000
hip_addu	L-R	-	subt	R-R	1.70e-4	0.00582	0.02922	483	1.000	1.000
hip_addu	R-L	-	ankle	R-R	-0.00443	0.00582	-0.76031	483	1.000	1.000
hip_addu	R-L	-	hip_addu	R-R	-4.93e−4	0.00582	-0.08466	483	1.000	1.000
hip_addu	R-L	-	hip_flex	R-L	-0.08670	0.00582	-14.89461	483	< .001	< .001
hip_addu	R-L	-	hip_flex	R-R	-0.03969	0.00582	-6.81783	483	< .001	< .001

Post Hoc Comparisons - angulo ✻ lados

Comparison										
angulo	lados		angulo	lados	Difference	SE	t	df	$p_{bonferroni}$	p_{holm}
hip_addu	R-L	-	hip_rot	R-L	0.00546	0.00582	0.93831	483	1.000	1.000
hip_addu	R-L	-	hip_rot	R-R	-0.00238	0.00582	-0.40836	483	1.000	1.000
hip_addu	R-L	-	knee	R-L	-5.33e−4	0.00582	-0.09162	483	1.000	1.000
hip_addu	R-L	-	knee	R-R	0.00297	0.00582	0.51017	483	1.000	1.000
hip_addu	R-L	-	subt	R-L	-5.02e−4	0.00582	-0.08630	483	1.000	1.000
hip_addu	R-L	-	subt	R-R	0.00583	0.00582	1.00100	483	1.000	1.000
hip_addu	R-R	-	hip_flex	R-R	-0.03919	0.00582	-6.73317	483	< .001	< .001
hip_addu	R-R	-	hip_rot	R-R	-0.00188	0.00582	-0.32370	483	1.000	1.000
hip_addu	R-R	-	knee	R-R	0.00346	0.00582	0.59482	483	1.000	1.000
hip_addu	R-R	-	subt	R-R	0.00632	0.00582	1.08566	483	1.000	1.000
hip_flex	L-L	-	ankle	L-R	0.02300	0.00582	3.95141	483	0.025	0.017
hip_flex	L-L	-	ankle	R-L	0.02146	0.00582	3.68719	483	0.070	0.047
hip_flex	L-L	-	ankle	R-R	0.03394	0.00582	5.83080	483	< .001	< .001
hip_flex	L-L	-	hip_addu	L-R	0.04402	0.00582	7.56290	483	< .001	< .001
hip_flex	L-L	-	hip_addu	R-L	0.03837	0.00582	6.59111	483	< .001	< .001
hip_flex	L-L	-	hip_addu	R-R	0.03787	0.00582	6.50645	483	< .001	< .001
hip_flex	L-L	-	hip_flex	L-R	-0.03683	0.00582	-6.32673	483	< .001	< .001
hip_flex	L-L	-	hip_flex	R-L	-0.04833	0.00582	-8.30350	483	< .001	< .001
hip_flex	L-L	-	hip_flex	R-R	-0.00132	0.00582	-0.22672	483	1.000	1.000
hip_flex	L-L	-	hip_rot	L-L	0.03634	0.00582	6.24325	483	< .001	< .001
hip_flex	L-L	-	hip_rot	L-R	0.04192	0.00582	7.20178	483	< .001	< .001
hip_flex	L-L	-	hip_rot	R-L	0.04383	0.00582	7.52942	483	< .001	< .001
hip_flex	L-L	-	hip_rot	R-R	0.03599	0.00582	6.18275	483	< .001	< .001
hip_flex	L-L	-	knee	L-L	0.04317	0.00582	7.41615	483	< .001	< .001
hip_flex	L-L	-	knee	L-R	0.03969	0.00582	6.81907	483	< .001	< .001
hip_flex	L-L	-	knee	R-L	0.03783	0.00582	6.49949	483	< .001	< .001
hip_flex	L-L	-	knee	R-R	0.04134	0.00582	7.10127	483	< .001	< .001
hip_flex	L-L	-	subt	L-L	0.04611	0.00582	7.92235	483	< .001	< .001
hip_flex	L-L	-	subt	L-R	0.03633	0.00582	6.24119	483	< .001	< .001
hip_flex	L-L	-	subt	R-L	0.03786	0.00582	6.50480	483	< .001	< .001
hip_flex	L-L	-	subt	R-R	0.04419	0.00582	7.59211	483	< .001	< .001
hip_flex	L-R	-	ankle	R-L	0.05829	0.00582	10.01393	483	< .001	< .001
hip_flex	L-R	-	ankle	R-R	0.07077	0.00582	12.15753	483	< .001	< .001
hip_flex	L-R	-	hip_addu	R-L	0.07519	0.00582	12.91784	483	< .001	< .001
hip_flex	L-R	-	hip_addu	R-R	0.07470	0.00582	12.83318	483	< .001	< .001
hip_flex	L-R	-	hip_flex	R-L	-0.01151	0.00582	-1.97677	483	1.000	1.000
hip_flex	L-R	-	hip_flex	R-R	0.03551	0.00582	6.10001	483	< .001	< .001
hip_flex	L-R	-	hip_rot	L-R	0.07875	0.00582	13.52851	483	< .001	< .001
hip_flex	L-R	-	hip_rot	R-L	0.08065	0.00582	13.85615	483	< .001	< .001
hip_flex	L-R	-	hip_rot	R-R	0.07282	0.00582	12.50948	483	< .001	< .001
hip_flex	L-R	-	knee	L-R	0.07652	0.00582	13.14581	483	< .001	< .001
hip_flex	L-R	-	knee	R-L	0.07466	0.00582	12.82622	483	< .001	< .001
hip_flex	L-R	-	knee	R-R	0.07816	0.00582	13.42801	483	< .001	< .001
hip_flex	L-R	-	subt	L-R	0.07316	0.00582	12.56792	483	< .001	< .001
hip_flex	L-R	-	subt	R-L	0.07469	0.00582	12.83154	483	< .001	< .001
hip_flex	L-R	-	subt	R-R	0.08102	0.00582	13.91884	483	< .001	< .001
hip_flex	R-L	-	ankle	R-R	0.08227	0.00582	14.13430	483	< .001	< .001
hip_flex	R-L	-	hip_addu	R-R	0.08621	0.00582	14.80995	483	< .001	< .001
hip_flex	R-L	-	hip_flex	R-R	0.04701	0.00582	8.07678	483	< .001	< .001

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	0.09216	0.00582	15.83292	483	< .001	< .001
hip_flex	R-L	-	hip_rot	R-R	0.08432	0.00582	14.48625	483	< .001	< .001
hip_flex	R-L	-	knee	R-L	0.08617	0.00582	14.80299	483	< .001	< .001
hip_flex	R-L	-	knee	R-R	0.08967	0.00582	15.40478	483	< .001	< .001
hip_flex	R-L	-	subt	R-L	0.08620	0.00582	14.80831	483	< .001	< .001
hip_flex	R-L	-	subt	R-R	0.09253	0.00582	15.89561	483	< .001	< .001
hip_flex	R-R	-	hip_rot	R-R	0.03731	0.00582	6.40947	483	< .001	< .001
hip_flex	R-R	-	knee	R-R	0.04265	0.00582	7.32800	483	< .001	< .001
hip_flex	R-R	-	subt	R-R	0.04551	0.00582	7.81883	483	< .001	< .001
hip_rot	L-L	-	ankle	L-R	-0.01334	0.00582	-2.29184	483	1.000	1.000
hip_rot	L-L	-	ankle	R-L	-0.01488	0.00582	-2.55606	483	1.000	1.000
hip_rot	L-L	-	ankle	R-R	-0.00240	0.00582	-0.41245	483	1.000	1.000
hip_rot	L-L	-	hip_addu	L-R	0.00768	0.00582	1.31964	483	1.000	1.000
hip_rot	L-L	-	hip_addu	R-L	0.00202	0.00582	0.34785	483	1.000	1.000
hip_rot	L-L	-	hip_addu	R-R	0.00153	0.00582	0.26320	483	1.000	1.000
hip_rot	L-L	-	hip_flex	L-R	-0.07317	0.00582	-12.56999	483	< .001	< .001
hip_rot	L-L	-	hip_flex	R-L	-0.08467	0.00582	-14.54676	483	< .001	< .001
hip_rot	L-L	-	hip_flex	R-R	-0.03766	0.00582	-6.46998	483	< .001	< .001
hip_rot	L-L	-	hip_rot	L-R	0.00558	0.00582	0.95853	483	1.000	1.000
hip_rot	L-L	-	hip_rot	R-L	0.00749	0.00582	1.28617	483	1.000	1.000
hip_rot	L-L	-	hip_rot	R-R	-3.52e−4	0.00582	-0.06050	483	1.000	1.000
hip_rot	L-L	-	knee	L-L	0.00683	0.00582	1.17290	483	1.000	1.000
hip_rot	L-L	-	knee	L-R	0.00335	0.00582	0.57582	483	1.000	1.000
hip_rot	L-L	-	knee	R-L	0.00149	0.00582	0.25623	483	1.000	1.000
hip_rot	L-L	-	knee	R-R	0.00499	0.00582	0.85802	483	1.000	1.000
hip_rot	L-L	-	subt	L-L	0.00977	0.00582	1.67910	483	1.000	1.000
hip_rot	L-L	-	subt	L-R	-1.20e−5	0.00582	-0.00207	483	1.000	1.000
hip_rot	L-L	-	subt	R-L	0.00152	0.00582	0.26155	483	1.000	1.000
hip_rot	L-L	-	subt	R-R	0.00785	0.00582	1.34886	483	1.000	1.000
hip_rot	L-R	-	ankle	R-L	-0.02046	0.00582	-3.51458	483	0.133	0.088
hip_rot	L-R	-	ankle	R-R	-0.00798	0.00582	-1.37098	483	1.000	1.000
hip_rot	L-R	-	hip_addu	R-L	-0.00355	0.00582	-0.61067	483	1.000	1.000
hip_rot	L-R	-	hip_addu	R-R	-0.00405	0.00582	-0.69533	483	1.000	1.000
hip_rot	L-R	-	hip_flex	R-L	-0.09025	0.00582	-15.50528	483	< .001	< .001
hip_rot	L-R	-	hip_flex	R-R	-0.04324	0.00582	-7.42850	483	< .001	< .001
hip_rot	L-R	-	hip_rot	R-L	0.00191	0.00582	0.32764	483	1.000	1.000
hip_rot	L-R	-	hip_rot	R-R	-0.00593	0.00582	-1.01903	483	1.000	1.000
hip_rot	L-R	-	knee	L-R	-0.00223	0.00582	-0.38270	483	1.000	1.000
hip_rot	L-R	-	knee	R-L	-0.00409	0.00582	-0.70229	483	1.000	1.000
hip_rot	L-R	-	knee	R-R	-5.85e−4	0.00582	-0.10050	483	1.000	1.000
hip_rot	L-R	-	subt	L-R	-0.00559	0.00582	-0.96059	483	1.000	1.000
hip_rot	L-R	-	subt	R-L	-0.00406	0.00582	-0.69697	483	1.000	1.000
hip_rot	L-R	-	subt	R-R	0.00227	0.00582	0.39033	483	1.000	1.000
hip_rot	R-L	-	ankle	R-R	-0.00989	0.00582	-1.69862	483	1.000	1.000
hip_rot	R-L	-	hip_addu	R-R	-0.00595	0.00582	-1.02297	483	1.000	1.000
hip_rot	R-L	-	hip_flex	R-R	-0.04515	0.00582	-7.75614	483	< .001	< .001
hip_rot	R-L	-	hip_rot	R-R	-0.00784	0.00582	-1.34667	483	1.000	1.000
hip_rot	R-L	-	knee	R-L	-0.00600	0.00582	-1.02993	483	1.000	1.000
hip_rot	R-L	-	knee	R-R	-0.00249	0.00582	-0.42815	483	1.000	1.000

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	-0.00596	0.00582	-1.02462	483	1.000	1.000
hip_rot	R-L	-	subt	R-R	3.65e-4	0.00582	0.06269	483	1.000	1.000
hip_rot	R-R	-	knee	R-R	0.00535	0.00582	0.91852	483	1.000	1.000
hip_rot	R-R	-	subt	R-R	0.00820	0.00582	1.40936	483	1.000	1.000
knee	L-L	-	ankle	L-R	-0.02017	0.00582	-3.46474	483	0.160	0.105
knee	L-L	-	ankle	R-L	-0.02171	0.00582	-3.72896	483	0.059	0.040
knee	L-L	-	ankle	R-R	-0.00923	0.00582	-1.58535	483	1.000	1.000
knee	L-L	-	hip_addu	L-R	8.54e-4	0.00582	0.14674	483	1.000	1.000
knee	L-L	-	hip_addu	R-L	-0.00480	0.00582	-0.82505	483	1.000	1.000
knee	L-L	-	hip_addu	R-R	-0.00530	0.00582	-0.90970	483	1.000	1.000
knee	L-L	-	hip_flex	L-R	-0.07999	0.00582	-13.74289	483	< .001	< .001
knee	L-L	-	hip_flex	R-L	-0.09150	0.00582	-15.71966	483	< .001	< .001
knee	L-L	-	hip_flex	R-R	-0.04449	0.00582	-7.64288	483	< .001	< .001
knee	L-L	-	hip_rot	L-R	-0.00125	0.00582	-0.21438	483	1.000	1.000
knee	L-L	-	hip_rot	R-L	6.59e-4	0.00582	0.11327	483	1.000	1.000
knee	L-L	-	hip_rot	R-R	-0.00718	0.00582	-1.23340	483	1.000	1.000
knee	L-L	-	knee	L-R	-0.00348	0.00582	-0.59708	483	1.000	1.000
knee	L-L	-	knee	R-L	-0.00534	0.00582	-0.91667	483	1.000	1.000
knee	L-L	-	knee	R-R	-0.00183	0.00582	-0.31488	483	1.000	1.000
knee	L-L	-	subt	L-L	0.00295	0.00582	0.50620	483	1.000	1.000
knee	L-L	-	subt	L-R	-0.00684	0.00582	-1.17497	483	1.000	1.000
knee	L-L	-	subt	R-L	-0.00530	0.00582	-0.91135	483	1.000	1.000
knee	L-L	-	subt	R-R	0.00102	0.00582	0.17596	483	1.000	1.000
knee	L-R	-	ankle	R-L	-0.01823	0.00582	-3.13188	483	0.508	0.326
knee	L-R	-	ankle	R-R	-0.00575	0.00582	-0.98827	483	1.000	1.000
knee	L-R	-	hip_addu	R-L	-0.00133	0.00582	-0.22797	483	1.000	1.000
knee	L-R	-	hip_addu	R-R	-0.00182	0.00582	-0.31262	483	1.000	1.000
knee	L-R	-	hip_flex	R-L	-0.08803	0.00582	-15.12258	483	< .001	< .001
knee	L-R	-	hip_flex	R-R	-0.04101	0.00582	-7.04580	483	< .001	< .001
knee	L-R	-	hip_rot	R-L	0.00413	0.00582	0.71035	483	1.000	1.000
knee	L-R	-	hip_rot	R-R	-0.00370	0.00582	-0.63632	483	1.000	1.000
knee	L-R	-	knee	R-L	-0.00186	0.00582	-0.31959	483	1.000	1.000
knee	L-R	-	knee	R-R	0.00164	0.00582	0.28220	483	1.000	1.000
knee	L-R	-	subt	L-R	-0.00336	0.00582	-0.57789	483	1.000	1.000
knee	L-R	-	subt	R-L	-0.00183	0.00582	-0.31427	483	1.000	1.000
knee	L-R	-	subt	R-R	0.00450	0.00582	0.77304	483	1.000	1.000
knee	R-L	-	ankle	R-R	-0.00389	0.00582	-0.66868	483	1.000	1.000
knee	R-L	-	hip_addu	R-R	4.05e-5	0.00582	0.00696	483	1.000	1.000
knee	R-L	-	hip_flex	R-R	-0.03915	0.00582	-6.72621	483	< .001	< .001
knee	R-L	-	hip_rot	R-R	-0.00184	0.00582	-0.31673	483	1.000	1.000
knee	R-L	-	knee	R-R	0.00350	0.00582	0.60179	483	1.000	1.000
knee	R-L	-	subt	R-L	3.10e-5	0.00582	0.00532	483	1.000	1.000
knee	R-L	-	subt	R-R	0.00636	0.00582	1.09263	483	1.000	1.000
knee	R-R	-	subt	R-R	0.00286	0.00582	0.49084	483	1.000	1.000
subt	L-L	-	ankle	L-R	-0.02311	0.00582	-3.97094	483	0.023	0.016
subt	L-L	-	ankle	R-L	-0.02465	0.00582	-4.23516	483	0.008	0.005
subt	L-L	-	ankle	R-R	-0.01217	0.00582	-2.09155	483	1.000	1.000
subt	L-L	-	hip_addu	L-R	-0.00209	0.00582	-0.35946	483	1.000	1.000
subt	L-L	-	hip_addu	R-L	-0.00775	0.00582	-1.33125	483	1.000	1.000

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	-0.00824	0.00582	-1.41590	483	1.000	1.000
subt	L-L	-	hip_flex	L-R	-0.08294	0.00582	-14.24909	483	< .001	< .001
subt	L-L	-	hip_flex	R-L	-0.09445	0.00582	-16.22586	483	< .001	< .001
subt	L-L	-	hip_flex	R-R	-0.04743	0.00582	-8.14908	483	< .001	< .001
subt	L-L	-	hip_rot	L-R	-0.00419	0.00582	-0.72058	483	1.000	1.000
subt	L-L	-	hip_rot	R-L	-0.00229	0.00582	-0.39293	483	1.000	1.000
subt	L-L	-	hip_rot	R-R	-0.01013	0.00582	-1.73960	483	1.000	1.000
subt	L-L	-	knee	L-R	-0.00642	0.00582	-1.10328	483	1.000	1.000
subt	L-L	-	knee	R-L	-0.00828	0.00582	-1.42287	483	1.000	1.000
subt	L-L	-	knee	R-R	-0.00478	0.00582	-0.82108	483	1.000	1.000
subt	L-L	-	subt	L-R	-0.00979	0.00582	-1.68117	483	1.000	1.000
subt	L-L	-	subt	R-L	-0.00825	0.00582	-1.41755	483	1.000	1.000
subt	L-L	-	subt	R-R	-0.00192	0.00582	-0.33024	483	1.000	1.000
subt	L-R	-	ankle	R-L	-0.01487	0.00582	-2.55399	483	1.000	1.000
subt	L-R	-	ankle	R-R	-0.00239	0.00582	-0.41039	483	1.000	1.000
subt	L-R	-	hip_addu	R-L	0.00204	0.00582	0.34992	483	1.000	1.000
subt	L-R	-	hip_addu	R-R	0.00154	0.00582	0.26526	483	1.000	1.000
subt	L-R	-	hip_flex	R-L	-0.08466	0.00582	-14.54469	483	< .001	< .001
subt	L-R	-	hip_flex	R-R	-0.03765	0.00582	-6.46791	483	< .001	< .001
subt	L-R	-	hip_rot	R-L	0.00750	0.00582	1.28823	483	1.000	1.000
subt	L-R	-	hip_rot	R-R	-3.40e−4	0.00582	-0.05844	483	1.000	1.000
subt	L-R	-	knee	R-L	0.00150	0.00582	0.25830	483	1.000	1.000
subt	L-R	-	knee	R-R	0.00501	0.00582	0.86009	483	1.000	1.000
subt	L-R	-	subt	R-L	0.00153	0.00582	0.26362	483	1.000	1.000
subt	L-R	-	subt	R-R	0.00786	0.00582	1.35093	483	1.000	1.000
subt	R-L	-	ankle	R-R	-0.00392	0.00582	-0.67400	483	1.000	1.000
subt	R-L	-	hip_addu	R-R	9.58e-6	0.00582	0.00165	483	1.000	1.000
subt	R-L	-	hip_flex	R-R	-0.03918	0.00582	-6.73153	483	< .001	< .001
subt	R-L	-	hip_rot	R-R	-0.00187	0.00582	-0.32205	483	1.000	1.000
subt	R-L	-	knee	R-R	0.00347	0.00582	0.59647	483	1.000	1.000
subt	R-L	-	subt	R-R	0.00633	0.00582	1.08731	483	1.000	1.000

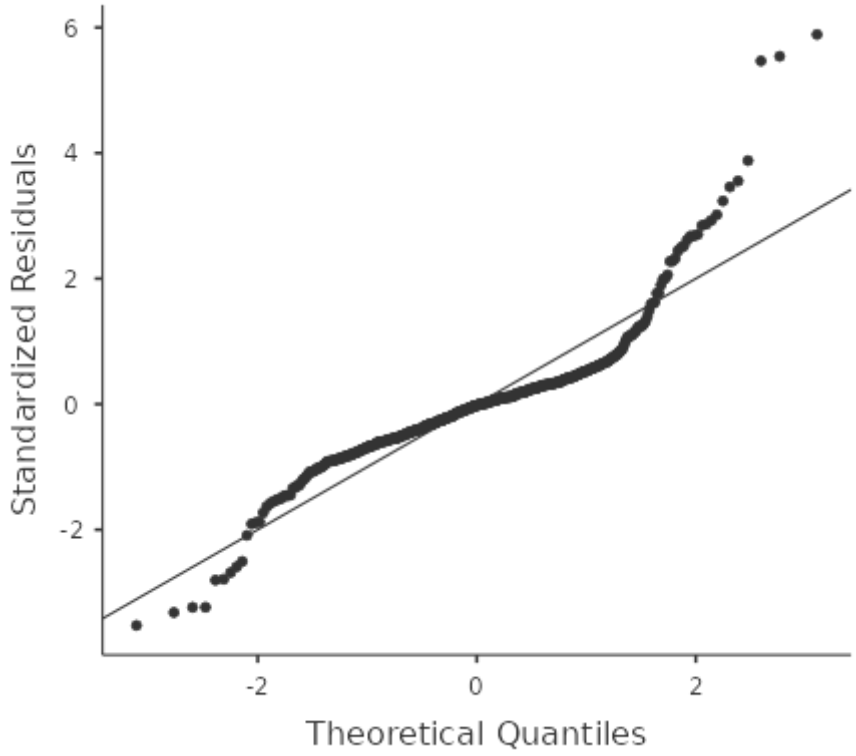
Note: Residuals plotted by sujeto

Assumption Checks

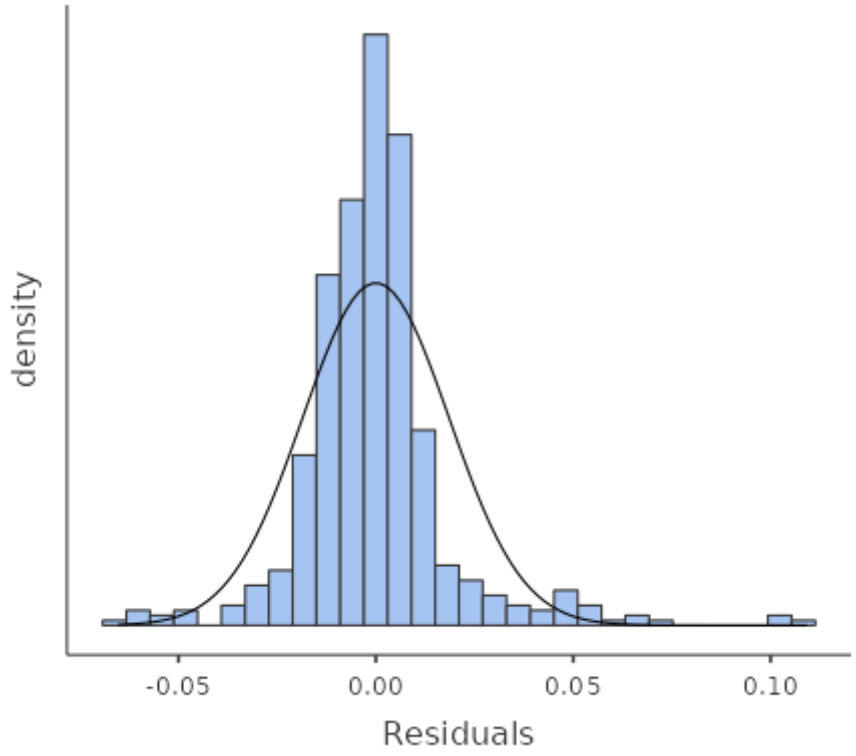
Test for Normality of residuals

Test	Statistics	p
Kolmogorov-Smirnov	0.144	< .001
Shapiro-Wilk	0.862	< .001

Q-Q Plot

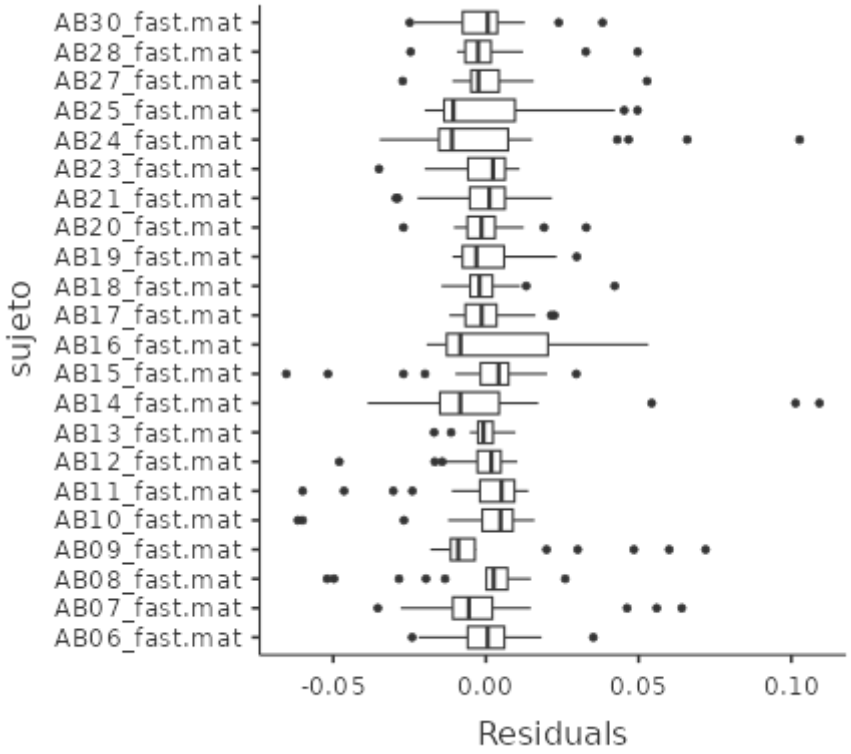


Residual histogram



Residuals by cluster boxplot

Clustering variable: sujeto



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