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1 . xtmixed accept_ condition##time || id:,
```

Performing EM optimization:

Performing gradient-based optimization:

Iteration 0: log likelihood = -7521.7419  
Iteration 1: log likelihood = -7521.7418

Computing standard errors:

Mixed-effects ML regression  
Group variable: **id**

Number of obs = 3,876  
Number of groups = 1,938  
  
Obs per group:  
min = 2  
avg = 2.0  
max = 2  
  
Wald chi2(3) = 246.11  
Prob > chi2 = 0.0000

Log likelihood = -7521.7418

accept_	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
1.condition_sender	-.8279168	.0852884	-9.71	0.000	-.9950789	-.6607547
2.time	.4366812	.0561269	7.78	0.000	.3266746	.5466878
condition_sender#time						
1 2	-.0032174	.0772898	-0.04	0.967	-.1547026	.1482678
_cons	4.425764	.0619353	71.46	0.000	4.304373	4.547155

Random-effects Parameters	Estimate	Std. Err.	[95% Conf. Interval]	
id: Identity				
sd(_cons)	1.439082	.0321902	1.377354	1.503577
sd(Residual)	1.201167	.0192935	1.163942	1.239583

LR test vs. linear model: chibar2(01) = 827.05 Prob >= chibar2 = 0.0000

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2 . contrast time@condition, effects
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Contrasts of marginal linear predictions

Margins : **asbalanced**

	df	chi2	P>chi2
accept_			

time@condition_sender				
0	1	60.53	0.0000	
1	1	66.55	0.0000	
Joint	2	127.08	0.0000	

	Contrast	Std. Err.	z	P> z	[95% Conf. Interval]	
<b>accept_</b>						
time@condition_sender						
(2 vs base) 0	.4366812	.0561269	7.78	0.000	.3266746	.5466878
(2 vs base) 1	.4334638	.0531365	8.16	0.000	.3293182	.5376094

```
3 . xtmixed qual_ condition##time || id:,
```

Performing EM optimization:

Performing gradient-based optimization:

Iteration 0: log likelihood = **-7574.799**

Iteration 1: log likelihood = **-7574.797**

Iteration 2: log likelihood = **-7574.797**

Computing standard errors:

Mixed-effects ML regression

Group variable: **id**

Number of obs = **3,876**

Number of groups = **1,938**

Obs per group:

min = **2**

avg = **2.0**

max = **2**

Wald chi2(3) = **30.87**

Prob > chi2 = **0.0000**

Log likelihood = **-7574.797**

qual_	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
1.condition_sender	.0736889	.0833073	0.88	0.376	-.0895905	.2369683
2.time	-.2805677	.0609401	-4.60	0.000	-.400008	-.1611273
condition_sender#time						
1 2	.2981802	.0839179	3.55	0.000	.1337042	.4626562
_cons	5.242358	.0604967	86.66	0.000	5.123787	5.360929

Random-effects Parameters	Estimate	Std. Err.	[95% Conf. Interval]
<b>id: Identity</b>			

sd(_cons)	1.285128	.0330285	1.221997	1.351521
sd(Residual)	1.304175	.0209481	1.263757	1.345885

LR test vs. linear model: chibar2(01) = 538.75      Prob >= chibar2 = 0.0000

4 . contrast time@condition, effects

Contrasts of marginal linear predictions

Margins : **asbalanced**

	df	chi2	P>chi2
<b>qual_</b>			
time@condition_sender			
0	1	21.20	0.0000
1	1	0.09	0.7602
Joint	2	21.29	0.0000

	Contrast	Std. Err.	z	P> z	[95% Conf. Interval]	
<b>qual_</b>						
time@condition_sender						
(2 vs base) 0	-.2805677	.0609401	-4.60	0.000	-.400008	-.1611273
(2 vs base) 1	.0176125	.0576933	0.31	0.760	-.0954642	.1306893

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