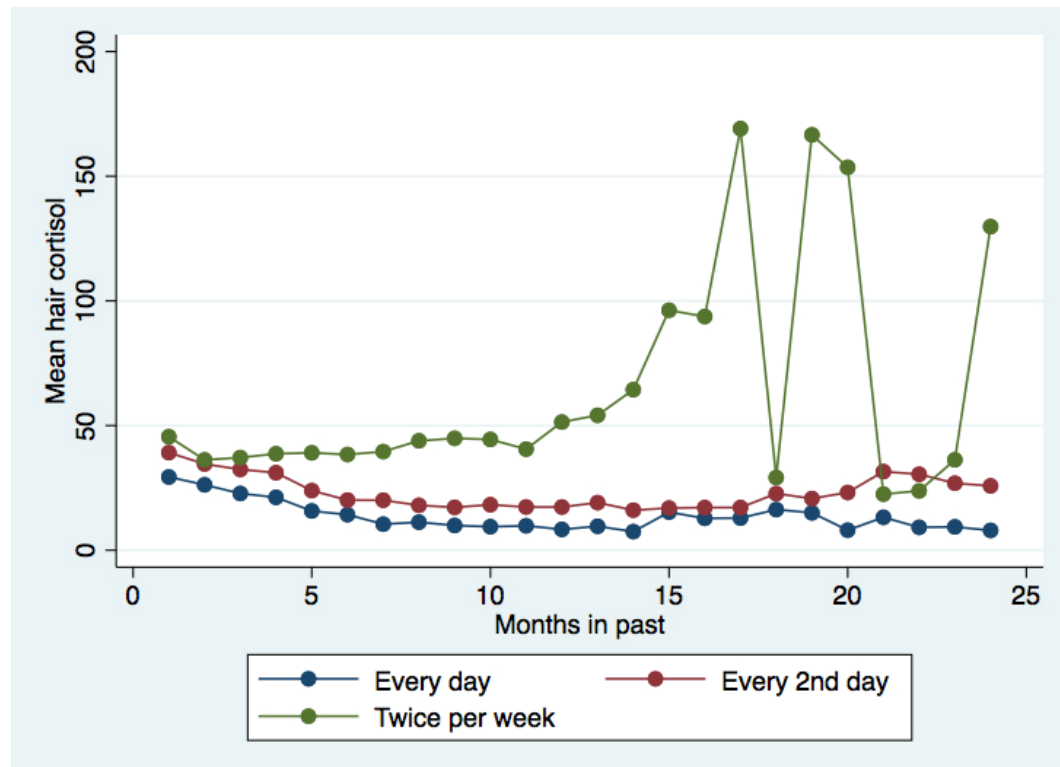


Time course moderation



```
. bs, reps(100) nodots: mixed haircort Question 6##c.month || id:, cformat(%9.2f)
```

Mixed-effects ML regression
Group variable: id

Number of obs = 1,222
Number of groups = 51

Obs per group:

min = 22
avg = 24.0
max = 24

Log likelihood = -7586.0797

Wald chi2(5) = 199.90
Prob > chi2 = 0.0000

haircort	Observed Coef.	Bootstrap Std. Err.	z	P> z	Normal-based [95% Conf. Interval]	
Question6						
Every second day	5.541007	2.814525	1.97	0.049	.0246402	11.05737
Twice a week	8.677222	13.40577	0.65	0.517	-17.5976	34.95205
month	-.5320826	.1198972	-4.44	0.000	-.7670768	-.2970884
Question 6#c.month						
Every second day	.3307773	.190163	1.74	0.082	-.0419355	.70349
Twice a week	3.349586	1.46119	2.29	0.022	.485706	6.213466
_cons	20.24207	2.007411	10.08	0.000	16.30762	24.17653

Random-effects Parameters	Observed Estimate	Bootstrap Std. Err.	Normal-based [95% Conf. Interval]	
id: Identity				
var(_cons)	7648.897	3897.949	2817.206	20767.25
var(Residual)	12891.85	5909.324	5249.816	31658.2

```
-----  
LR test vs. linear model: chibar2(01) = 431.03          Prob >= chibar2 = 0.0000  
  
. test (2.Question6#c.month=0) (3. Question6#c.month=0)  
  
( 1)  [haircort]2. Question6#c.month = 0  
( 2)  [haircort]3. Question6#c.month = 0  
  
      chi2( 2) =      8.44  
Prob > chi2 =      0.0147
```