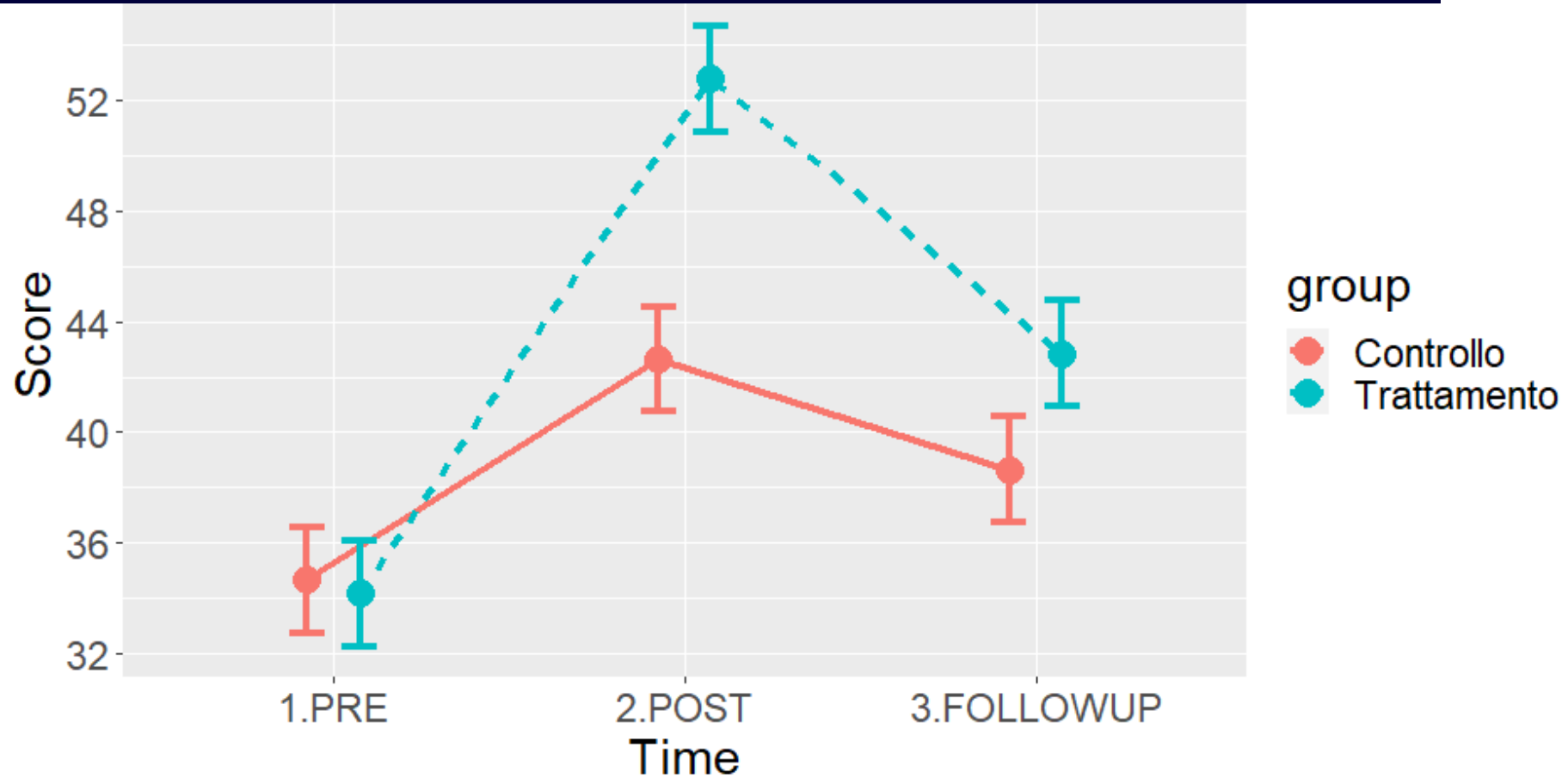
```
> library(lme4)
> library(lmerTest)
```

```
> fit = lmer(score ~ group * time + (1|subj), data = d)
> summary(fit)$coef
```

	Estimate	Std. Error	df	t value	Pr(>|t|)
(Intercept)	34.6544434	0.9743913	593.9416	35.5652223	2.821946e-149
groupTrattamento	-0.4952845	1.3779974	593.9416	-0.3594234	7.194061e-01
time2.POST	7.9873540	1.3731580	396.0000	5.8167772	1.238092e-08
time3.FOLLOWUP	3.9929597	1.3731580	396.0000	2.9078663	3.843870e-03
groupTrattamento:time2.POST	10.6284235	1.9419386	396.0000	5.4730996	7.862138e-08
groupTrattamento:time3.FOLLOWUP	4.6903090	1.9419386	396.0000	2.4152715	1.617557e-02



```
> fit = lm(ach ~ gender * MA, data = d)
> summary(fit)$coef
                Estimate Std. Error     t value     Pr(>|t|)
(Intercept)   59.39305255 0.182042606 326.259077 0.000000e+00
gendermale    -1.01631574 0.248626924  -4.087714 4.359848e-05
MA            -0.45483801 0.007210647 -63.078666 0.000000e+00
gendermale:MA  0.09952015 0.010228233   9.729946 2.299104e-22
> sigma(fit)
[1]  10.03005
```

Table 1

Summary of coefficients. Achievement is modelled as a function of Math Anxiety x Gender (female vs male). N = 100,000.

Coefficient	B	95% CI	Std. Err.	t	p-value
Intercept	59.39	[59.04, 59.75]	0.18	326.26	$p < .001$
Gender					
male	-1.02	[-1.50, -0.53]	0.25	-4.09	$p < .001$
Math Anxiety	-0.45	[-0.47, -0.44]	0.01	-63.08	$p < .001$
Gender x Math Anxiety					
male : math anxiety	0.10	[0.08, 0.12]	0.01	9.73	$p < .001$
Sigma	10.03				

Note. For Gender, “female” is the baseline level.

```
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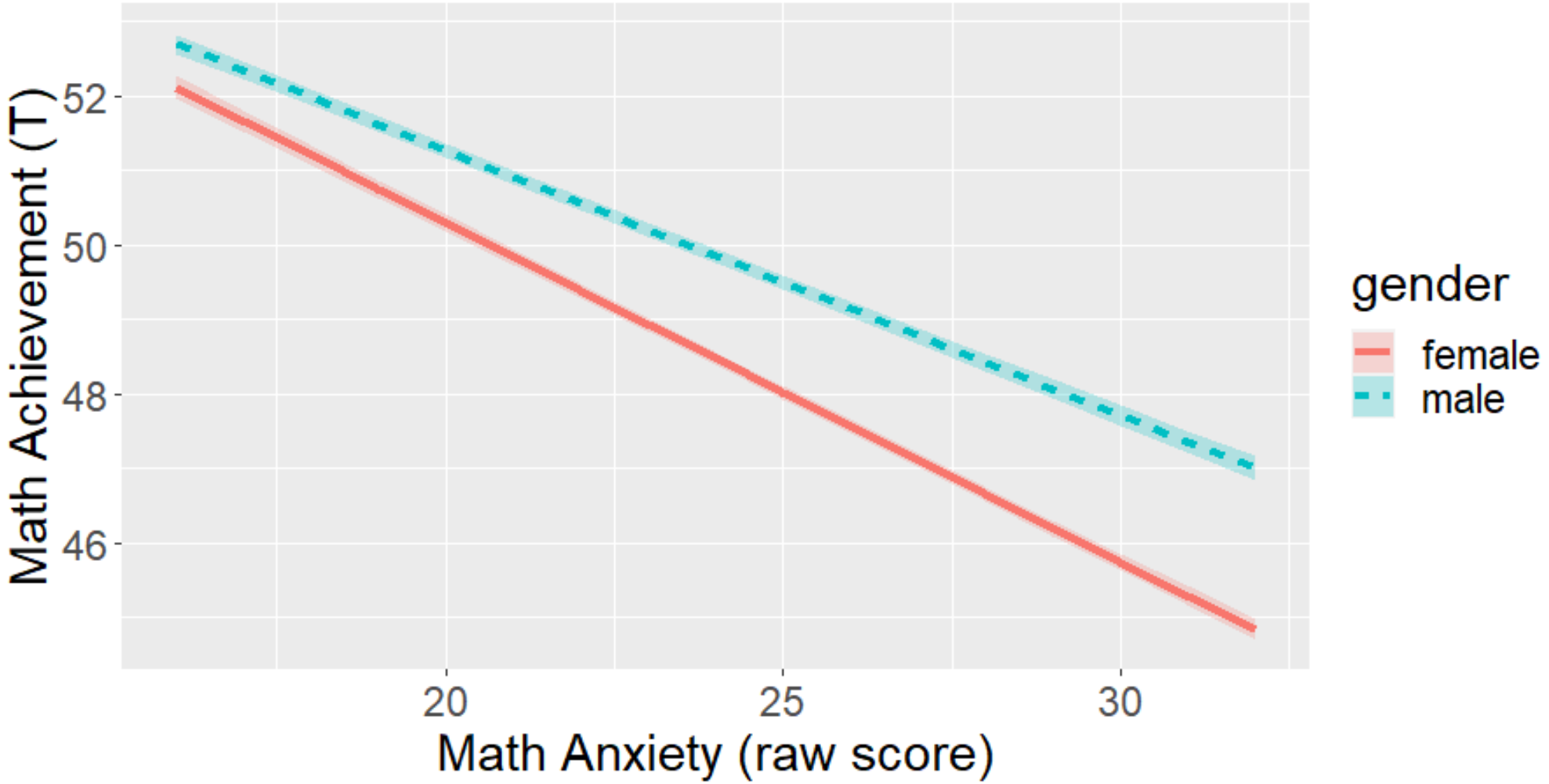
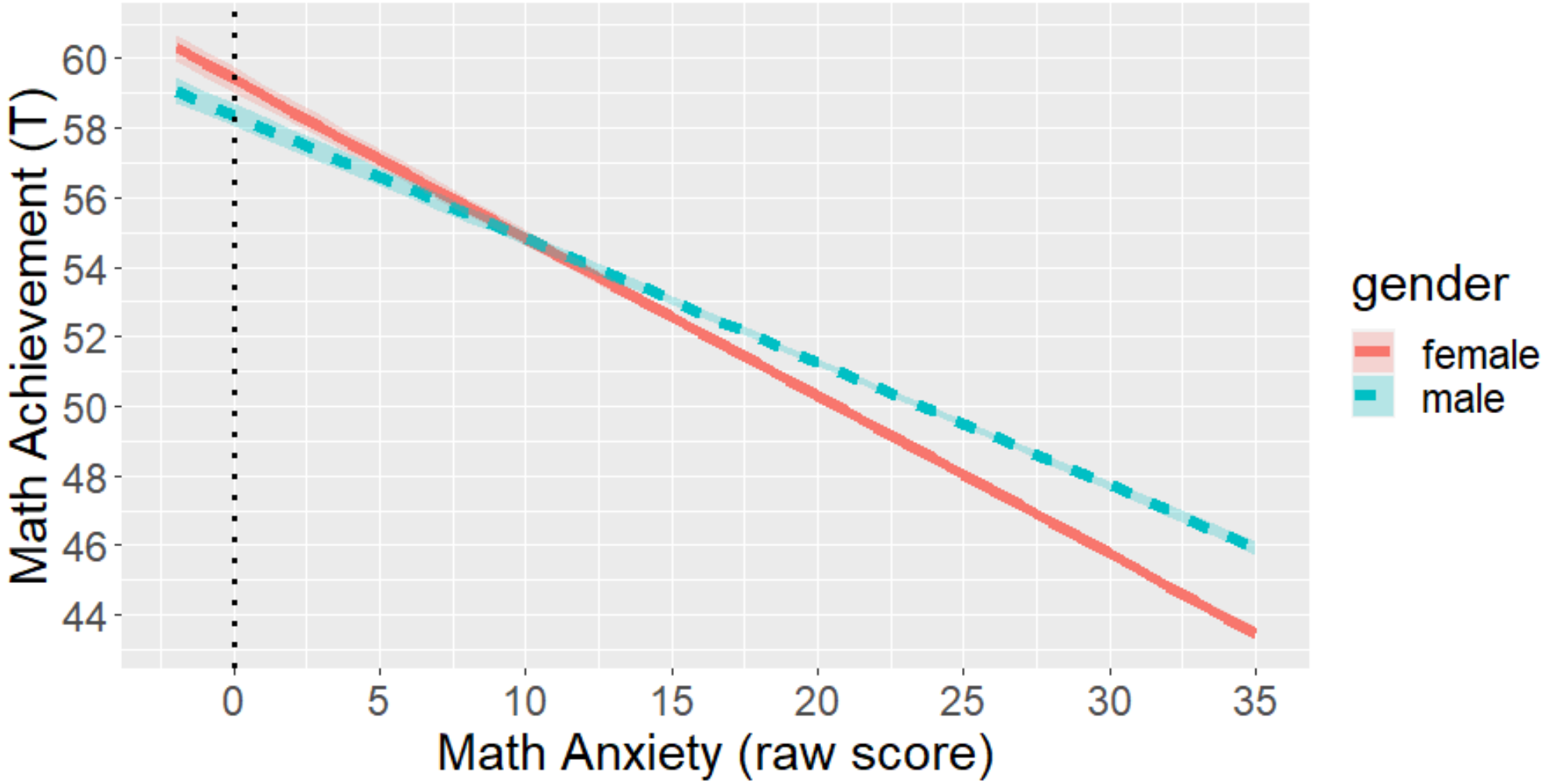
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