

# Visualizing the coefficients

- Contextual, compositional  
and within effects
- New material in Lab 1.R
- Find "Visualizing the fitted model"

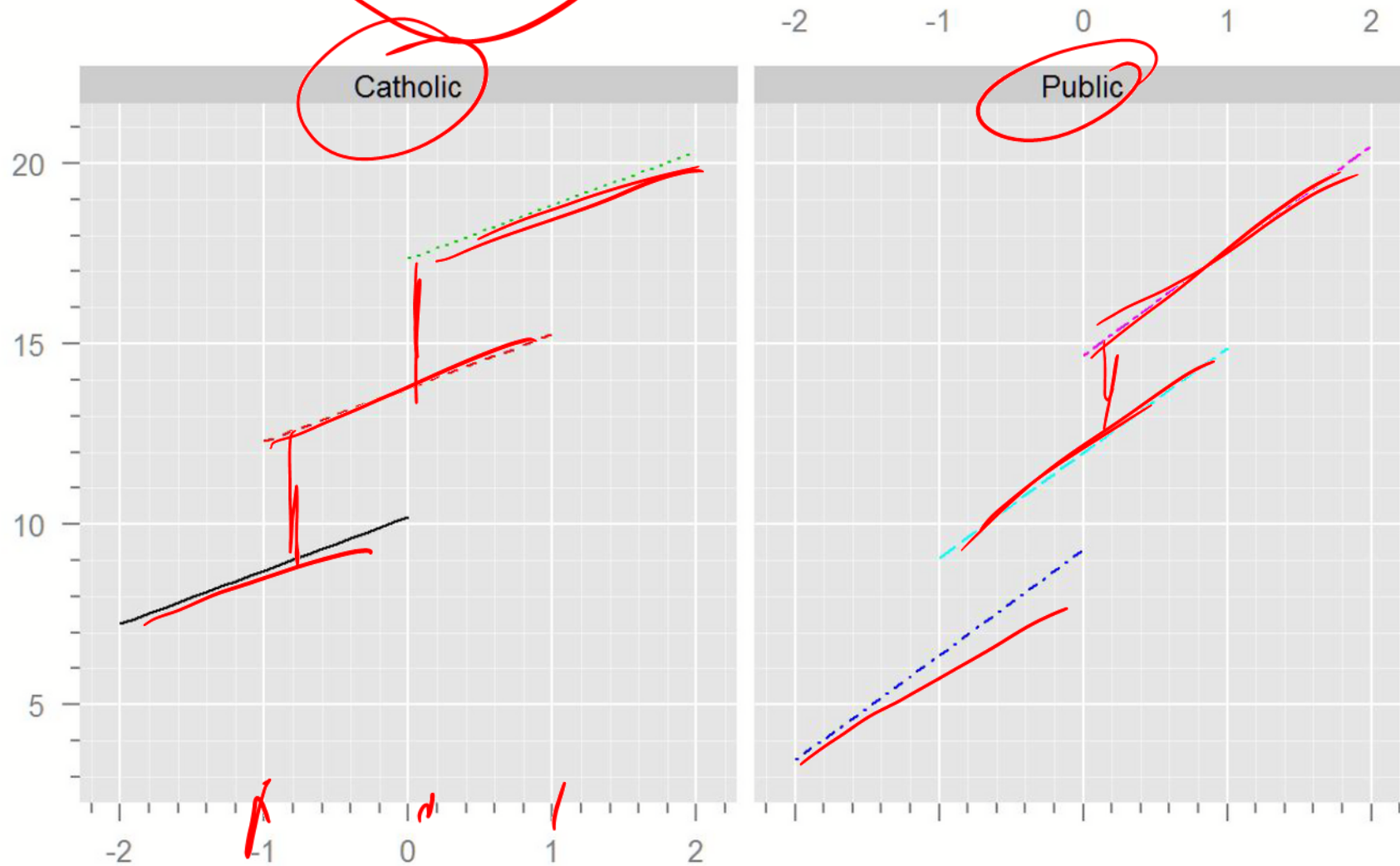
```
fit2 <- lme( mathach ~ (ses + cvar(ses, id)) * Sector, dd, random = ~ 1 + ses | id,  
  na.action = na.exclude,  
  control = list(msMaxIter=200, msVerbose=T))
```

Fixed effects: mathach ~ (ses + cvar(ses, id)) \* Sector

	Value	Std.Error	DF	t-value	p-value
(Intercept)	13.781114	0.3337547	3602	41.29114	0.0000
ses	1.484475	0.2353295	3602	6.30807	0.0000
cvar(ses, id)	3.576249	0.8620263	76	4.14865	0.0001
SectorPublic	-1.802916	0.4645965	76	-3.88061	0.0002
ses:SectorPublic	1.423739	0.3162117	3602	4.50249	0.0000
cvar(ses, id):SectorPublic	-0.884471	1.1846992	76	-0.74658	0.4576

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