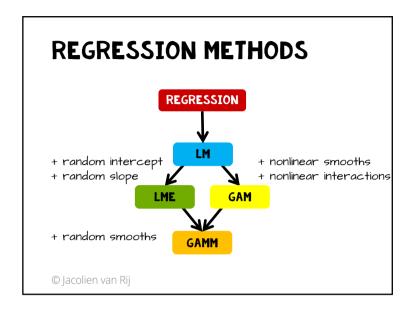
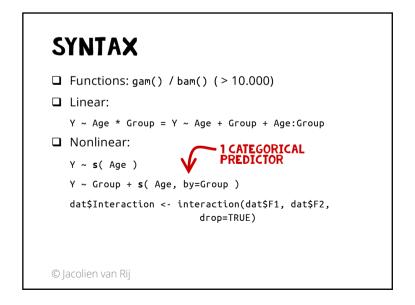
Advanced Statistical Modeling Semester 1b, 2018/2019

ADVANCED STATISTICAL MODELING

Version 1, 2018

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SYNTAX

■ Two variants:

```
Y ~ s(Age) + s(logFreq) + ti( Age, logFreq)
Y ~ te( Age, logFreq )
```

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SYNTAX

```
☐ Parametric random effects:
```

```
s( Subject, bs='re') # intercept
s( Subject, logFreq, bs='re') # slope
```

☐ Or nonlinear factor smooths:

```
s(logFreq, Subject, bs='fs', m=1)
```

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