Next Steps and Comments

Silvano

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Problem: For mixed models the marginal likelihood is optimized. It is not clear whether we can use the marginal likelihood in a meaningful way to construct R^2 in mixed models. It would have some nice properties, because it is then nondecreasing and the true random effects structure gets the highest likelihood.

The Focus is first on models without random effects:

1. **Baysian relative importance implementation for LM and GLM**
2. **Implementation of Likelihood based measures for GLM**

The Baysian R^2 can then easily be extended to include random effects. The model is conditional on these effects anyway.