

Evaluating Informative Hypotheses With  
Equality and Inequality Constraint: The Bayes  
Factor Encompassing Prior Approach  
Supplemental Material

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## i Loading Attachment	



# Prerequisites

trial



# Chapter 1

## Introduction

trial code

```
## ID ID_class externalizing_sum internalizing_sum gender age_year Avm      Avp
## 1 25      2          16          7      F      8.42 1.0 1.000000
## 2 27      2          3          3      F      9.00 2.0 2.166667
## 3 29      2          5          5      M      9.00 3.5 2.200000
## 4 30      2         11         11      M      8.92 1.6 2.666667
## 5 31      2          0          1      F      9.00 2.0 2.800000
## 6 32      2          4         12      F      8.92 3.0 2.833333
##      av_m      av_p      Anxm      Anxp      anx_m      anx_p mother father
## 1 1.0000000 1.0000000 1.000000 1.000000 0.8333333 1.0000000 Secure Secure
## 2 1.0000000 1.0000000 1.000000 1.000000 1.0000000 1.0000000 Anxious Secure
## 3 1.0000000 0.8333333 1.500000 2.400000 1.0000000 0.8333333 Fearful Anxious
## 4 0.8333333 1.0000000 1.600000 1.666667 0.8333333 1.0000000 Anxious Avoidant
## 5 1.0000000 0.8333333 1.833333 1.333333 1.0000000 1.0000000 Anxious Avoidant
## 6 1.0000000 1.0000000 3.200000 2.833333 0.8333333 1.0000000 Anxious Fearful
##      interaction
## 1      M_Secure_F_Secure
## 2      M_Anxious_F_Secure
## 3      M_Fearful_F_Anxious
## 4      M_Anxious_F_Avoidant
## 5      M_Anxious_F_Avoidant
## 6      M_Anxious_F_Fearful
```

plot trial

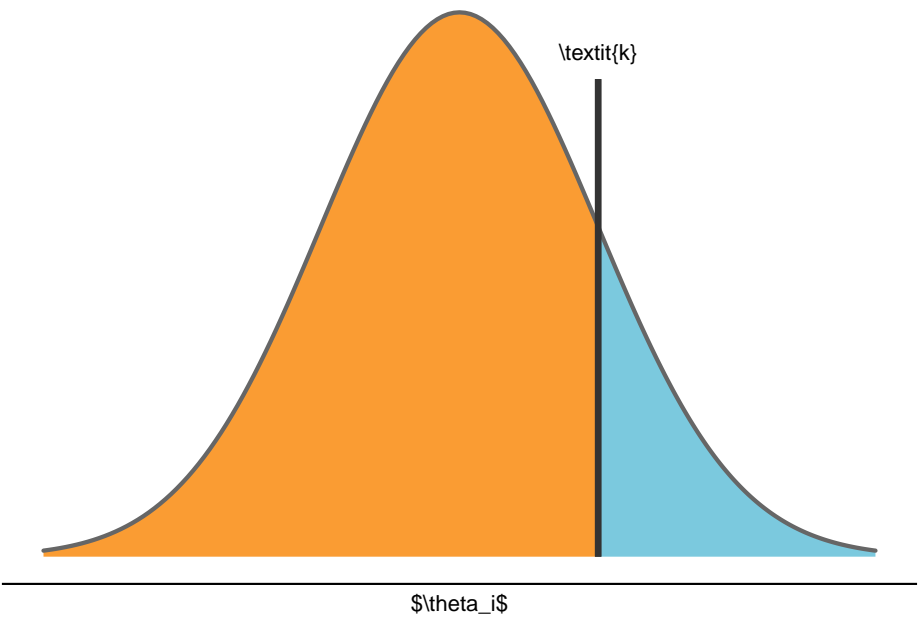


table trial

Table 1.1: Attachment styles frequencies ( $n_{subj} = 847$ ).

Mother Attachment	Father Attachment				Total
	Secure	Anxious	Avoidant	Fearful	
Secure	125	49	49	8	231
Anxious	51	100	98	37	286
Avoidant	25	67	126	12	230
Fearful	5	14	38	43	100
Total	206	230	311	100	847

trial citation

[Gu et al.]

troppe cit [McElreath]



# Bibliography

Xin Gu, Joris Mulder, and Herbert Hoijsink. Approximated adjusted fractional Bayes factors: A general method for testing informative hypotheses. 71(2): 229–261. ISSN 00071102. doi: 10.1111/bmsp.12110. URL <http://doi.wiley.com/10.1111/bmsp.12110>.

Richard McElreath. *Statistical Rethinking: A Bayesian Course with Examples in R and Stan*. CRC Texts in Statistical Science. Taylor and Francis, CRC Press, 2 edition. ISBN 978-0-367-13991-9.