**t-tests**

**Baseline:**Mean choice when MFonMB < 0: .412  
Mean choice when MFonMB > 0: .57  
t-test: t = -8.5191, df = 218, p-value = 2.657e-15

**With 2 trial types - congruent:**Mean choice when MFonMB < 0: .468  
Mean choice when MFonMB > 0: .519  
t-test: t = -2.262, df = 178, p-value = 0.02491

**With 2 trial types - incongruent:**Mean choice when MFonMB < 0: .510  
Mean choice when MFonMB > 0: .478  
t-test: t = 1.4438, df = 178, p-value = 0.150g6

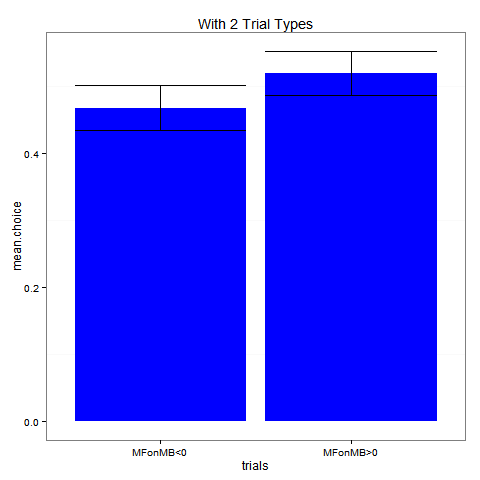
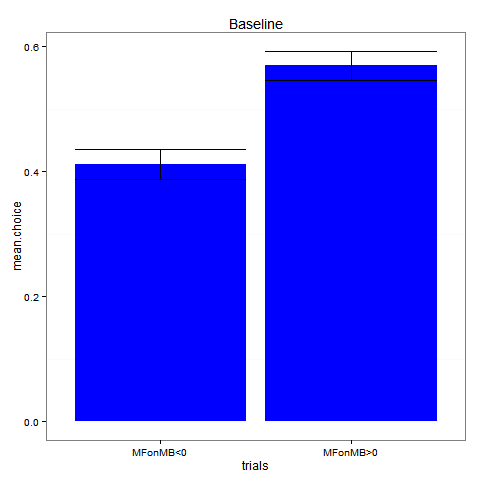
**With A0:**Mean choice when MFonMB < 0: .412  
Mean choice when MFonMB > 0: .551  
t-test: t = -9.0027, df = 292, p-value < 2.2e-16

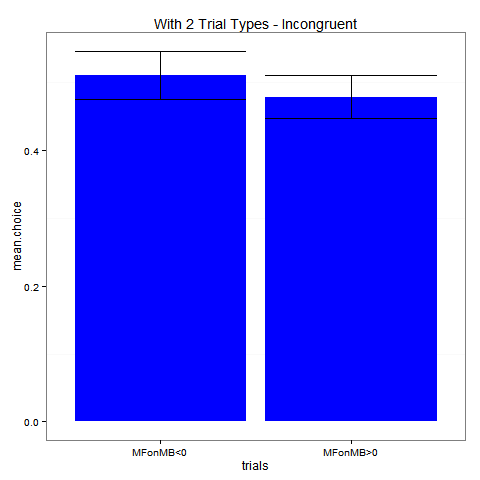
**Notes**

* Choice is 0 when the person choose the X option (on the left), and 1 when the person chooses the Y option (on the right).
* Note that some critical trials had the critical option be in the X position, and some in the Y position. I combined these into a single value (MFonMB) by switching the sign for the X trials (i.e. a +3 on the X side is equivalent to a -3 on the Y side). This is the same as taking the difference Y-X, because, on the X critical trials, MFonMBY = 0 (and on the Y critical trials, MFonMBX = 0).
* t-tests are paired sample

**Bar Graphs**

See below…



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