SPM12: F contrast

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Experiment:

Block design of left and right finger tapping

Design:

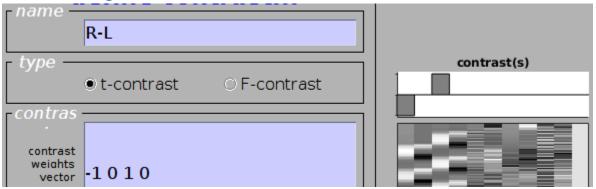
Left and Right blocks with temporal derivatives, plus regressors of motion estimates (6 degree-of-freedom) plus a constant

Define contrasts

1. t contrast: Left>Right



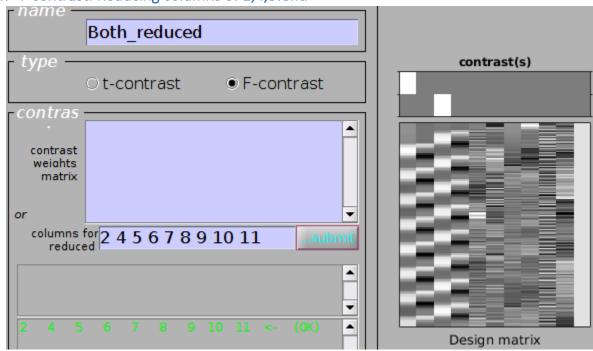
2. t contrast: Right>Left



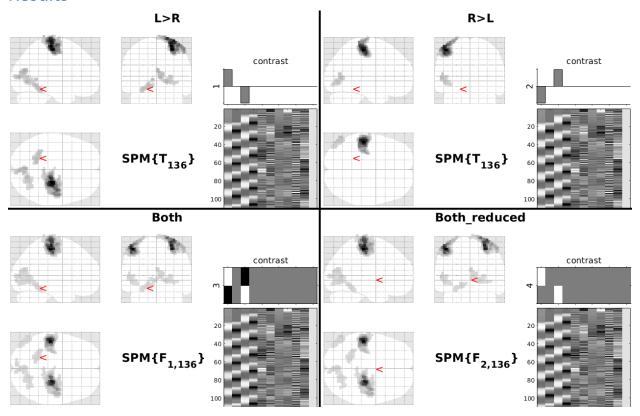
3. F contrast: both Left>Right and Right>Left



4. F contrast: Reducing columns of 2,4,5:end



Results



Summary

- There are two ways of defining F contrasts
 - (1) Multiple contrasts
 - (2) Reducing the columns
- The 'multiple contrasts' is more flexible.