**2x3**

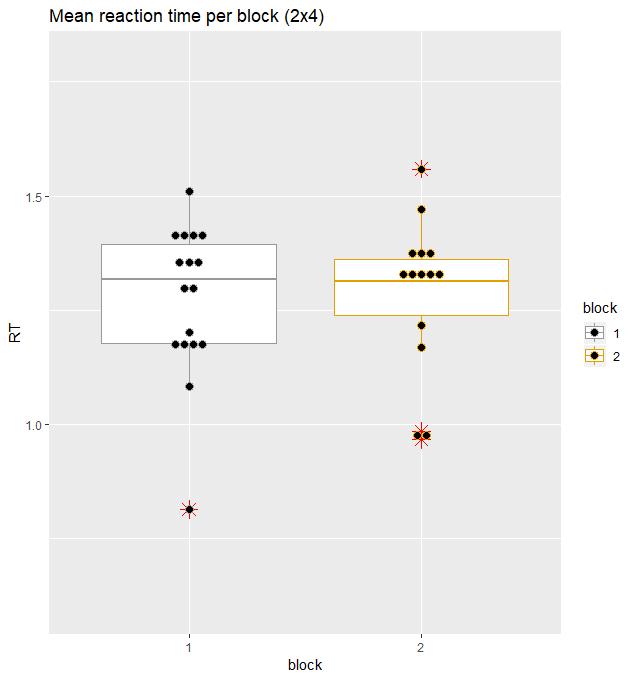
**n = 16, n\_trials = 24**

|  |  |  |
| --- | --- | --- |
| Subj\_idx | Block | N |
| 2x3-01 | 1 | 24 |
| 2x3-01 | 2 | 24 |
| 2x3-02 | 1 | 24 |
| 2x3-02 | 2 | 24 |
| 2x3-03 | 1 | 24 |
| 2x3-03 | 2 | 24 |
| 2x3-04 | 1 | 24 |
| 2x3-05 | 1 | 24 |
| 2x3-06 | 1 | 24 |
| 2x3-06 | 2 | 24 |
| 2x3-07 | 1 | 24 |
| 2x3-07 | 2 | 20 |
| 2x3-08 | 1 | 24 |
| 2x3-08 | 2 | 24 |
| 2x3-11 | 1 | 24 |
| 2x3-12 | 1 | 24 |
| 2x3-12 | 2 | 24 |
| 2x3-13 | 1 | 17 |
| 2x3-14 | 1 | 24 |
| 2x3-14 | 2 | 24 |
| 2x3-15 | 1 | 24 |
| 2x3-15 | 2 | 2 |
| 2x3-15 | 3 | 24 |
| 2x3-16 | 1 | 48 |
| 2x3-16 | 2 | 11 |
| 2x3-17 | 2 | 24 |
| 2x3-18 | 1 | 24 |
| 2x3-18 | 2 | 24 |

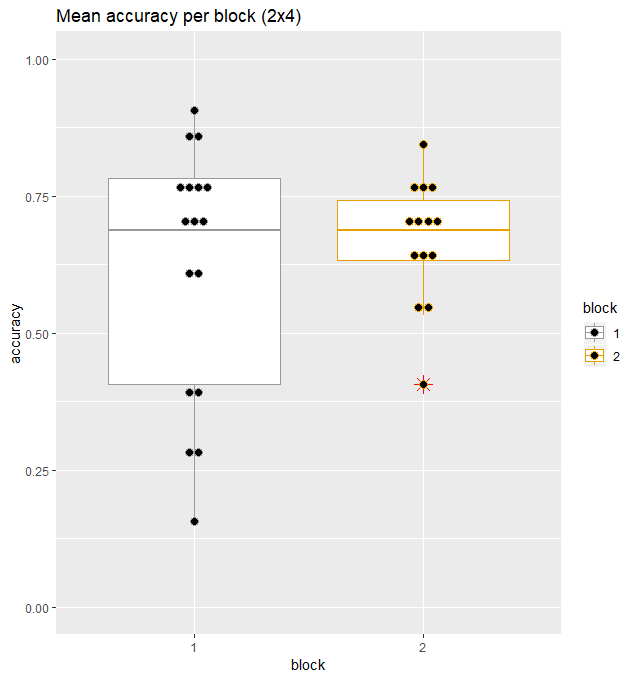
|  |  |
| --- | --- |
| Subj\_idx | N |
| 2x3-01 | 48 |
| 2x3-02 | 48 |
| 2x3-03 | 48 |
| 2x3-04 | 24 |
| 2x3-05 | 24 |
| 2x3-06 | 48 |
| 2x3-07 | 24 |
| 2x3-08 | 48 |
| 2x3-11 | 24 |
| 2x3-12 | 48 |
| 2x3-14 | 48 |
| 2x3-15 | 48 |
| 2x3-16 | 24 |
| 2x3-17 | 24 |
| 2x3-18 | 48 |

* 5 incomplete blocks
* 6 subjects only completed 1 block
* Mean accuracy
  + B1: 0.64
  + B2: 0.74
  + Overall: 0.68
* Mean RT
  + B1: 1.24s
  + B2: 1.26s
  + Overall: 1.25s

**2x4**

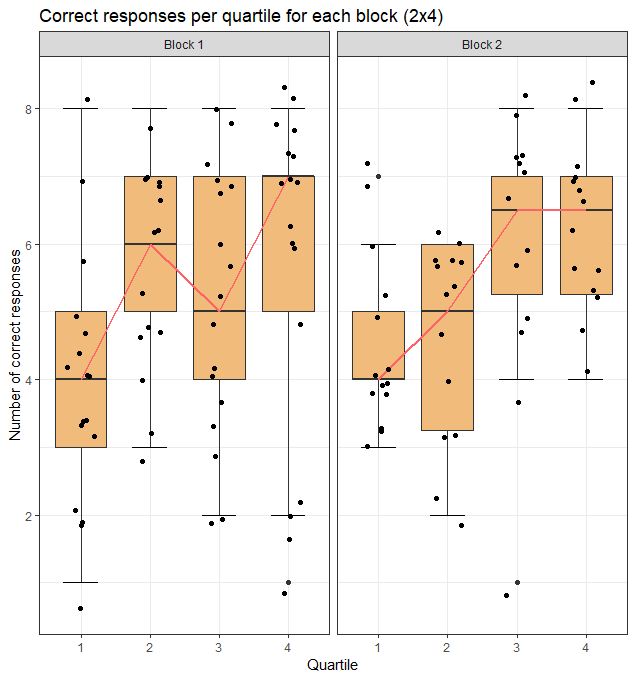


**n = 17, n\_trials = 32**



|  |  |  |
| --- | --- | --- |
| Subj\_idx | Block | N |
| 2x4-01 | 1 | 32 |
| 2x4-01 | 2 | 32 |
| 2x4-02 | 1 | 32 |
| 2x4-02 | 2 | 32 |
| 2x4-03 | 1 | 32 |
| 2x4-03 | 2 | 32 |
| 2x4-06 | 1 | 32 |
| 2x4-06 | 2 | 32 |
| 2x4-07 | 1 | 32 |
| 2x4-07 | 2 | 32 |
| 2x4-08 | 1 | 32 |
| 2x4-08 | 2 | 32 |
| 2x4-09 | 1 | 32 |
| 2x4-10 | 1 | 32 |
| 2x4-10 | 2 | 32 |
| 2x4-11 | 1 | 32 |
| 2x4-11 | 2 | 32 |
| 2x4-12 | 1 | 32 |
| 2x4-13 | 1 | 32 |
| 2x4-13 | 2 | 32 |
| 2x4-14 | 1 | 32 |
| 2x4-16 | 1 | 32 |
| 2x4-16 | 2 | 32 |
| 2x4-17 | 1 | 32 |
| 2x4-17 | 2 | 32 |
| 2x4-18 | 1 | 32 |
| 2x4-18 | 2 | 32 |
| 2x4-19 | 1 | 32 |
| 2x4-19 | 2 | 32 |
| 2x4-20 | 1 | 32 |
| 2x4-20 | 2 | 32 |

|  |  |
| --- | --- |
| Subj\_idx | N |
| 2x4-01 | 64 |
| 2x4-02 | 64 |
| 2x4-03 | 64 |
| 2x4-06 | 64 |
| 2x4-07 | 64 |
| 2x4-08 | 64 |
| 2x4-09 | 32 |
| 2x4-10 | 64 |
| 2x4-11 | 64 |
| 2x4-12 | 32 |
| 2x4-13 | 64 |
| 2x4-14 | 32 |
| 2x4-16 | 64 |
| 2x4-17 | 64 |
| 2x4-18 | 64 |
| 2x4-19 | 64 |
| 2x4-20 | 64 |



* All blocks completed
* 3 subjects only completed 1 block
* Mean accuracy:
  + B1: 0.62
  + B2: 0.67
  + Overall: 0.64
* Mean RT:
  + B1: 1.27s
  + B2: 1.29s
  + Overall: 1.28s

2x3 [32]

* All blocks completed by all subjects
* Mean accuracy:
  + B1: 0.67
  + B2: 0.68
  + Overall: 0.68
* Mean RT:
  + B1: 1.27
  + B2: 1.27
  + Overall: 1.27

Summary:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | n | n\_trials | mean RT | mean accuracy | Missed (fraction) |
| 2x3 | 16 | 24 | 1.25 | 0.68 | 0.1 |
| 2x4 | 17 | 32 | 1.28 | 0.64 | 0.1 |
| 2x3 | 12 | 32 | 1.27 | 0.68 | 0.14 |

* Between 3rd and 4th quartile (1st – 2nd block)
  + 2x3: dip -- increase
  + 2x4: increase – stagnation

It would be interesting to see what happens with the performance in a 2x3 version with n\_trials=32.