|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a | Forward flow | 1.5T | 3T | 7T | b | Forward flow | Sequence 1 | Sequence 2 | Sequence 3 |
|  | 1.5T |  |  |  |  | Sequence 1 |  | \* |  |
|  | 3T |  |  |  |  | Sequence 2 | \* |  |  |
|  | 7T |  |  |  |  | Sequence 3 |  |  |  |
|  | WSS | 1.5T | 3T | 7T |  | WSS | Sequence 1 | Sequence 2 | Sequence 3 |
|  | 1.5T |  |  | \* |  | Sequence 1 |  |  |  |
|  | 3T |  |  |  |  | Sequence 2 |  |  |  |
|  | 7T | \* |  |  |  | Sequence 3 |  |  |  |
|  | Peak Velocity | 1.5T | 3T | 7T |  | Peak Velocity | Sequence 1 | Sequence 2 | Sequence 3 |
|  | 1.5T |  |  |  |  | Sequence 1 |  |  |  |
|  | 3T |  |  |  |  | Sequence 2 |  |  |  |
|  | 7T |  |  |  |  | Sequence 3 |  |  |  |

Supporting Information Table S1 for comparison of forward flow, WSS and peak velocity between field strengths (a) and sequences (b) in a color-coded three-scale metric combining both the statistical and the equivalence testing: Values indicated in red reflect differences in both tests and a change between the respective sequences/field strengths is not recommended. Yellow colored values denote a difference in only one of the tests, changes of sequences/field strengths can be done with careful consideration and keeping this bias in mind. Values in green indicate no differences in both tests, changes are possible.

\* When comparing the results in the ascending aorta only, the color changes to red.