

Supplementary Material:
Improvement of white matter tract reconstruction with constrained spherical deconvolution and track-density mapping in low angular resolution data: a pediatric study and literature review

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1 SUPPLEMENTARY TABLES AND FIGURES

Supplementary Table 1: Average scores for whole-brain CSD-PT tractograms obtained with different values of FOD amplitude threshold (0.1, 0.2, 0.3 and 0.4) and maximum angle between tracking steps (10°, 30°, 50°, 70°, 90°). For visualization purposes, a dash (“-”) marks cells where the score frequency was 0.0%.

| Max angle | FOD amplitude | Score frequency | | | | |
|-----------|---------------|-----------------|-------|-------|-------|-------|
| | | 1 | 2 | 3 | 4 | 5 |
| 10° | 0.1 | 100% | - | - | - | - |
| | 0.2 | 100% | - | - | - | - |
| | 0.3 | 100% | - | - | - | - |
| | 0.4 | 100% | - | - | - | - |
| 30° | 0.1 | 33.3% | 66.7% | - | - | - |
| | 0.2 | - | - | 100% | - | - |
| | 0.3 | 16.7% | 83.3% | - | - | - |
| | 0.4 | 100% | - | - | - | - |
| 50° | 0.1 | - | - | 66.7% | 33.3% | - |
| | 0.2 | - | - | - | 66.7% | 33.3% |
| | 0.3 | - | 16.7% | 83.3% | - | - |
| | 0.4 | 100% | - | - | - | - |
| 70° | 0.1 | - | - | 100% | - | - |
| | 0.2 | - | - | - | 100% | - |
| | 0.3 | - | 66.7% | 33.3% | - | - |
| | 0.4 | 100% | - | - | - | - |
| 90° | 0.1 | - | - | 100% | - | - |
| | 0.2 | - | 100% | - | - | - |
| | 0.3 | - | 100% | - | - | - |
| | 0.4 | 100% | - | - | - | - |