Supporting Figures

On all figures, for all lobes, from left to right, the resolutions are: 83, 129, 234, 463 and 1015 vertices.
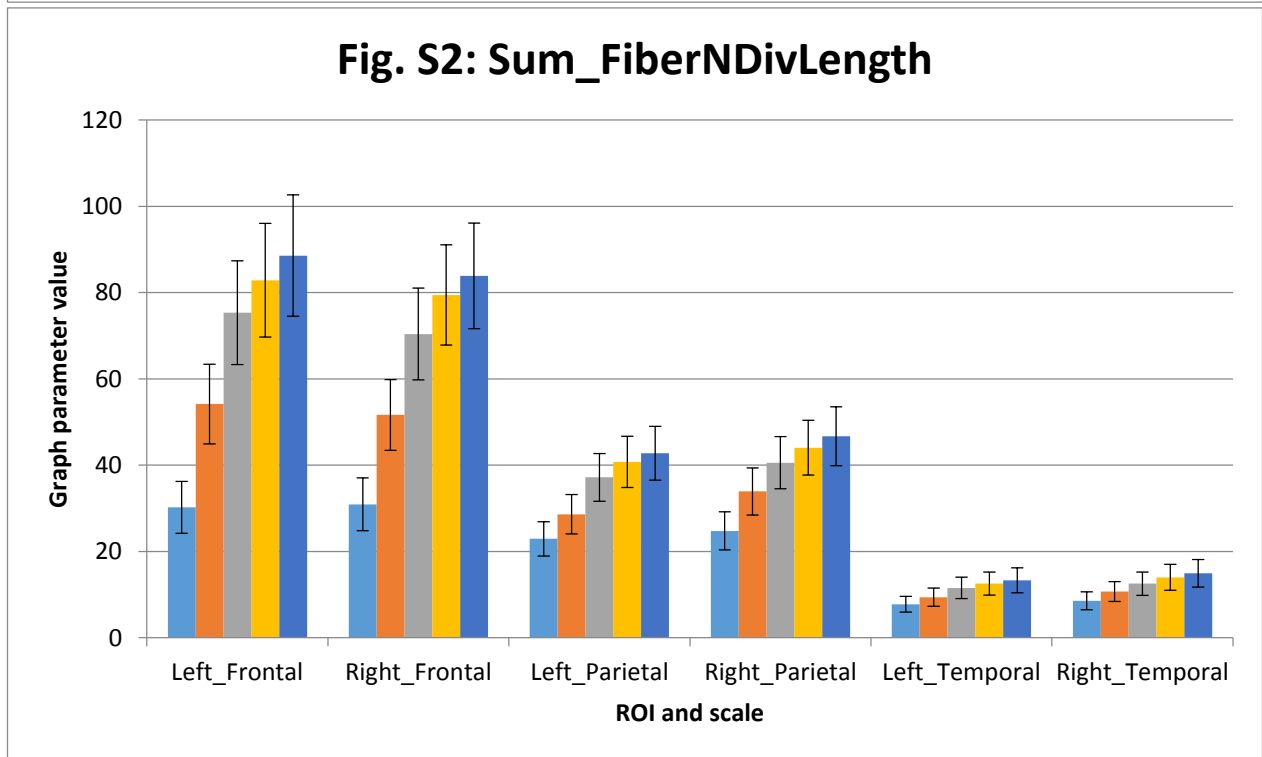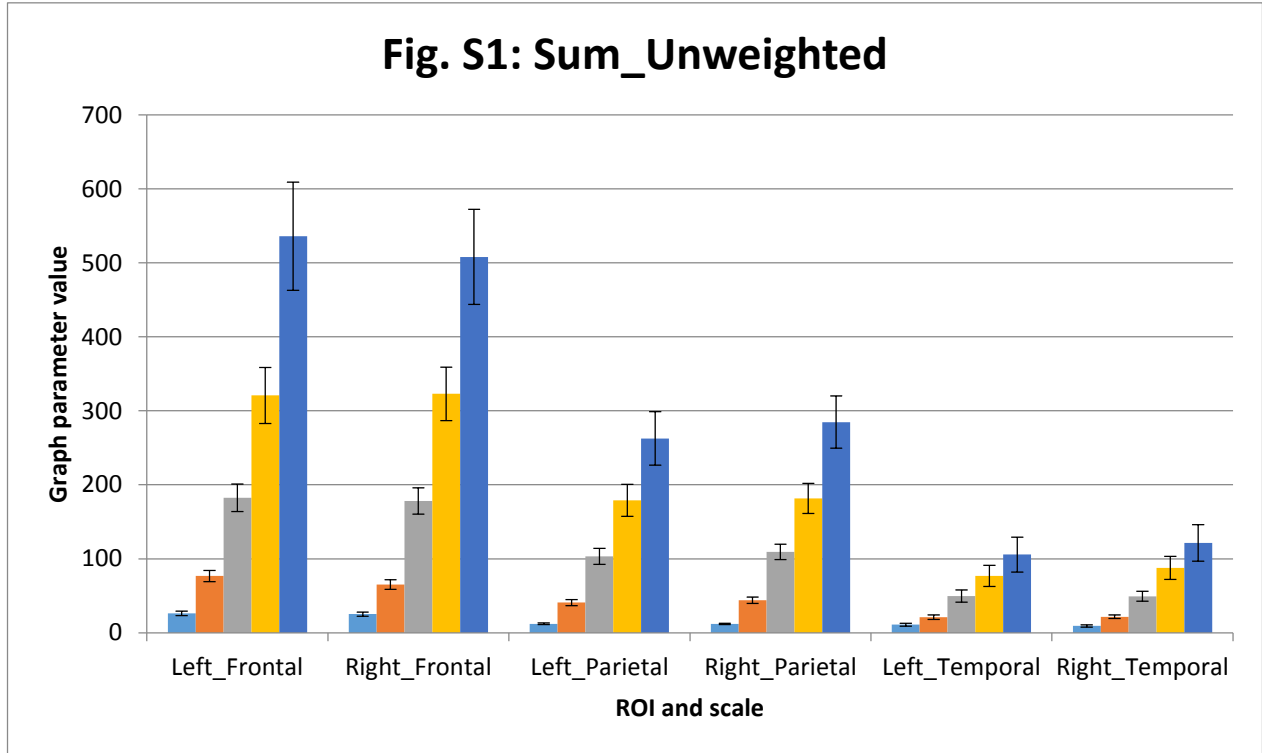

Fig. S1: Sum_Unweighted

Fig. S2: Sum_FiberNDivLength
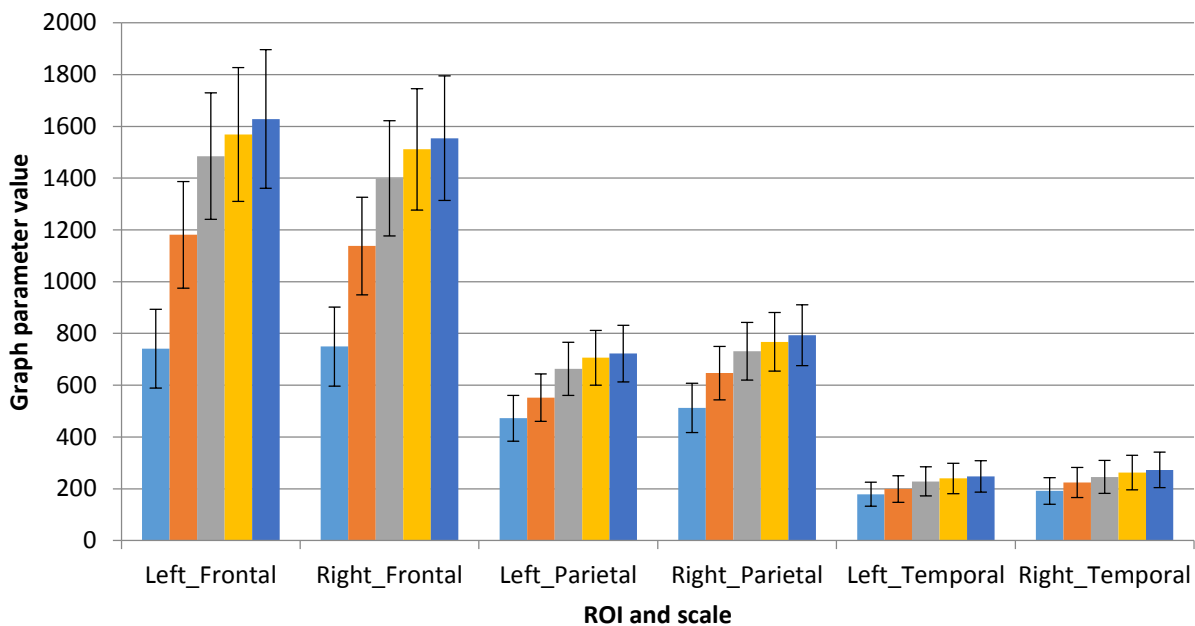
Fig. S3: Sum_FiberN
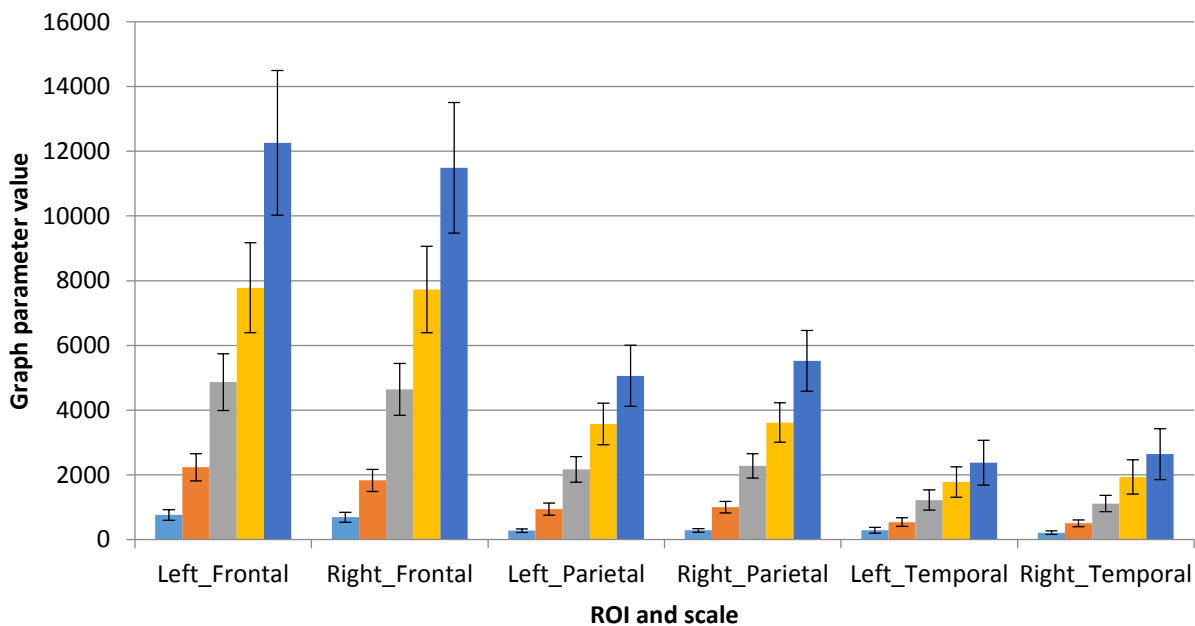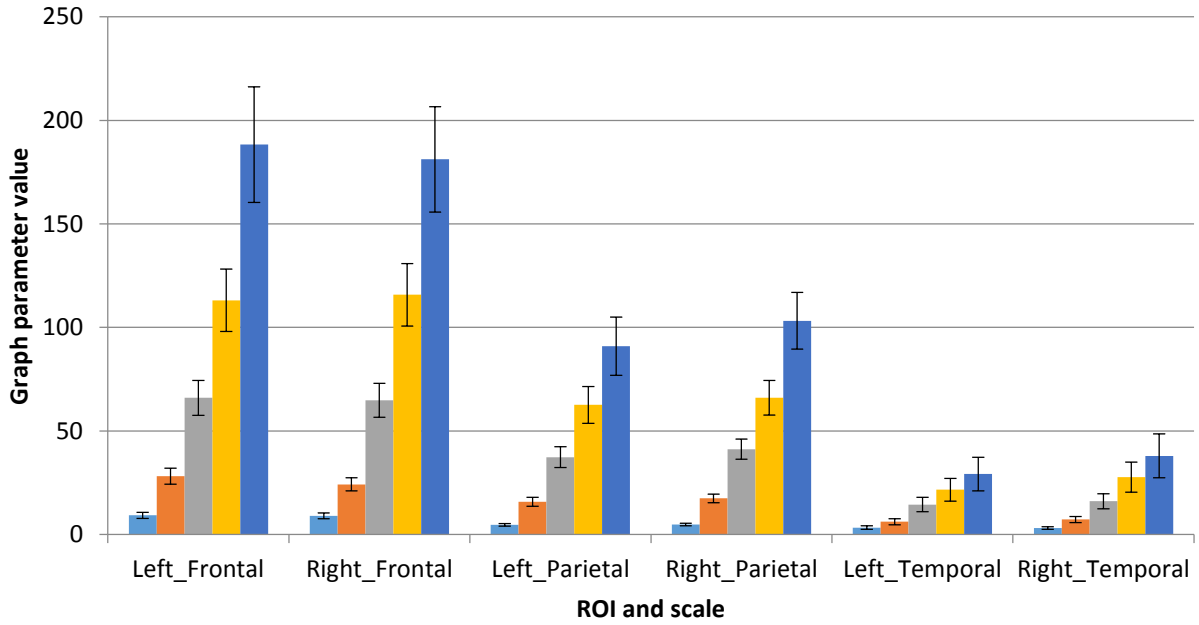

Fig. S4: Sum_FiberLengthMean

Fig. S5: Sum_FAMean

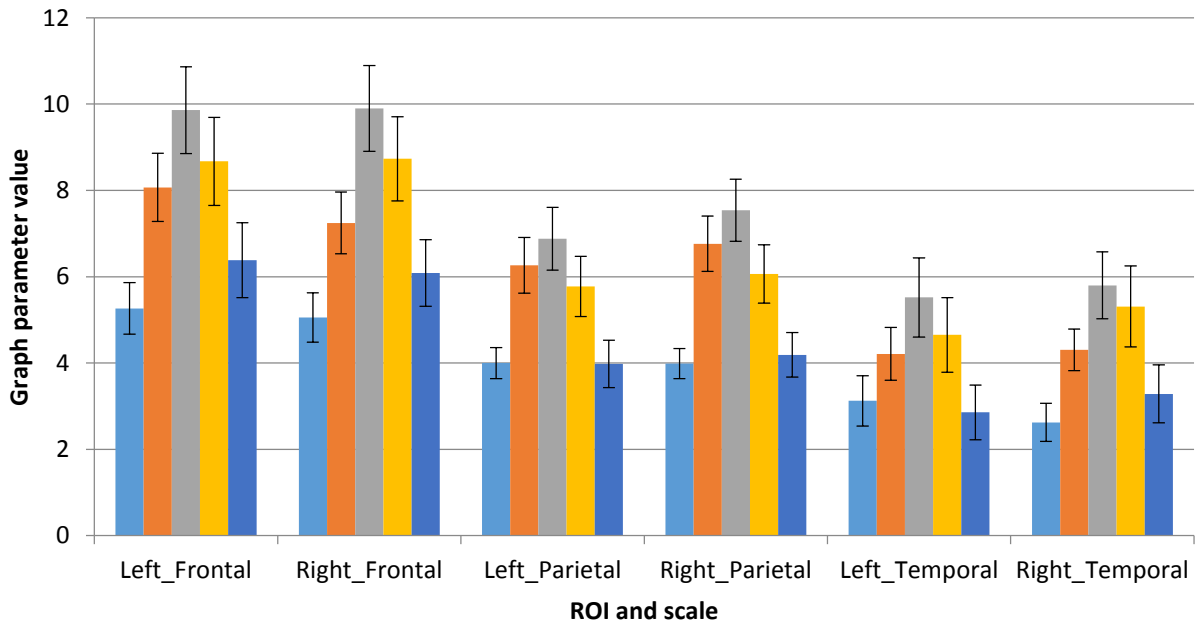Fig. S6: AvgDegree_Unweighted

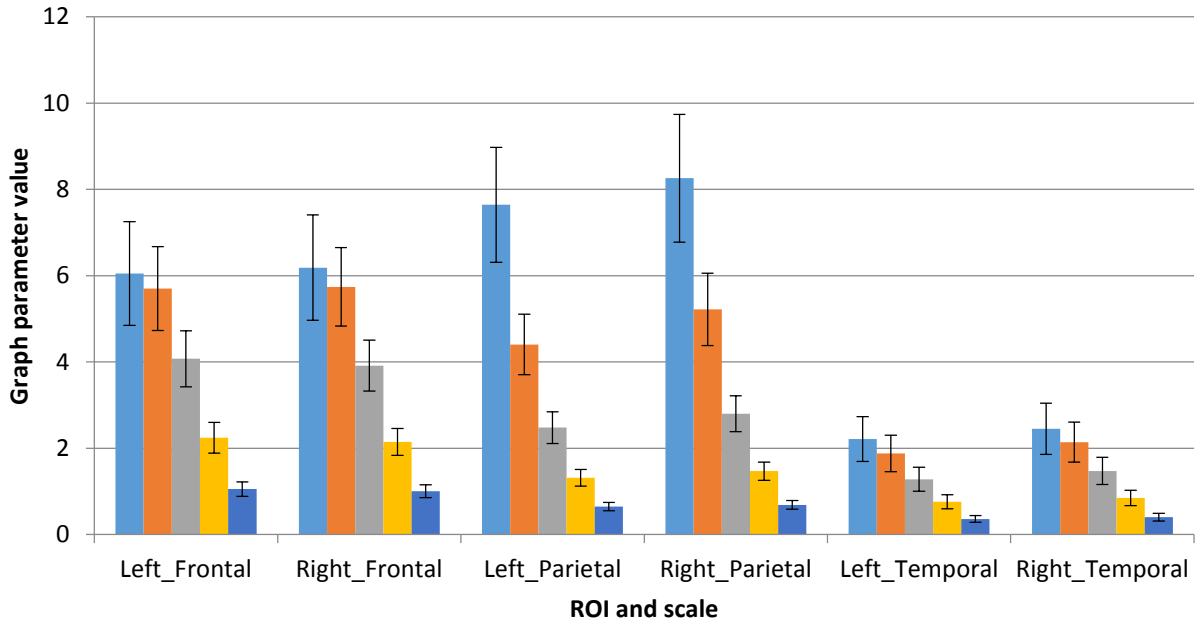**Fig. S7: AvgDegree_FiberNDivLength**
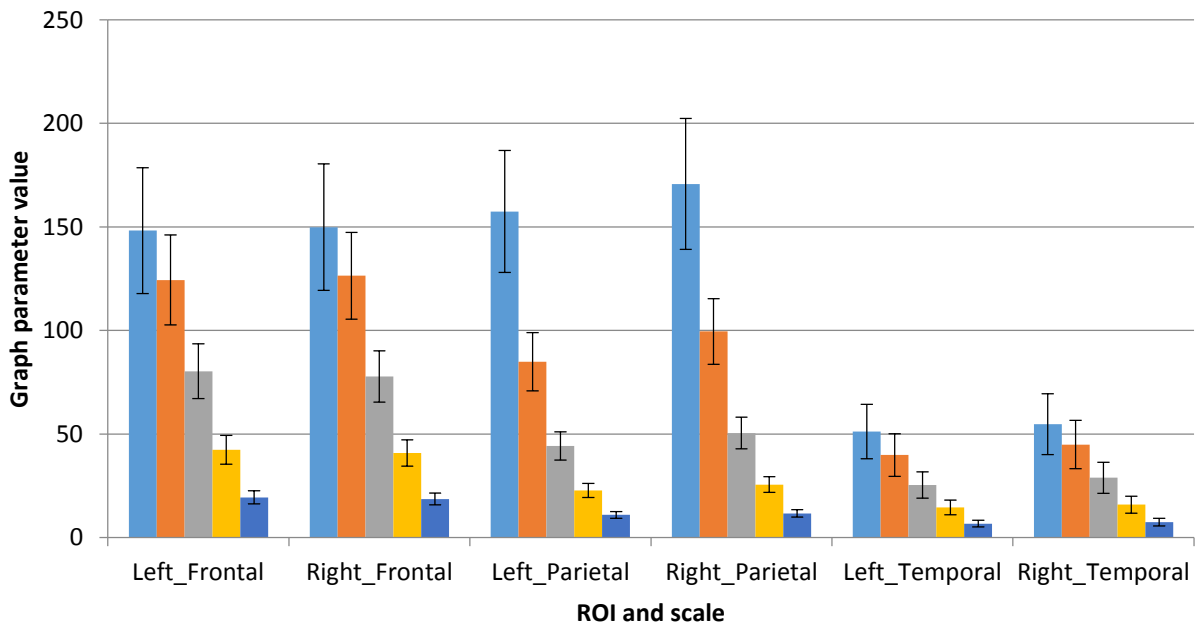
Fig. S8: AvgDegree_FiberN
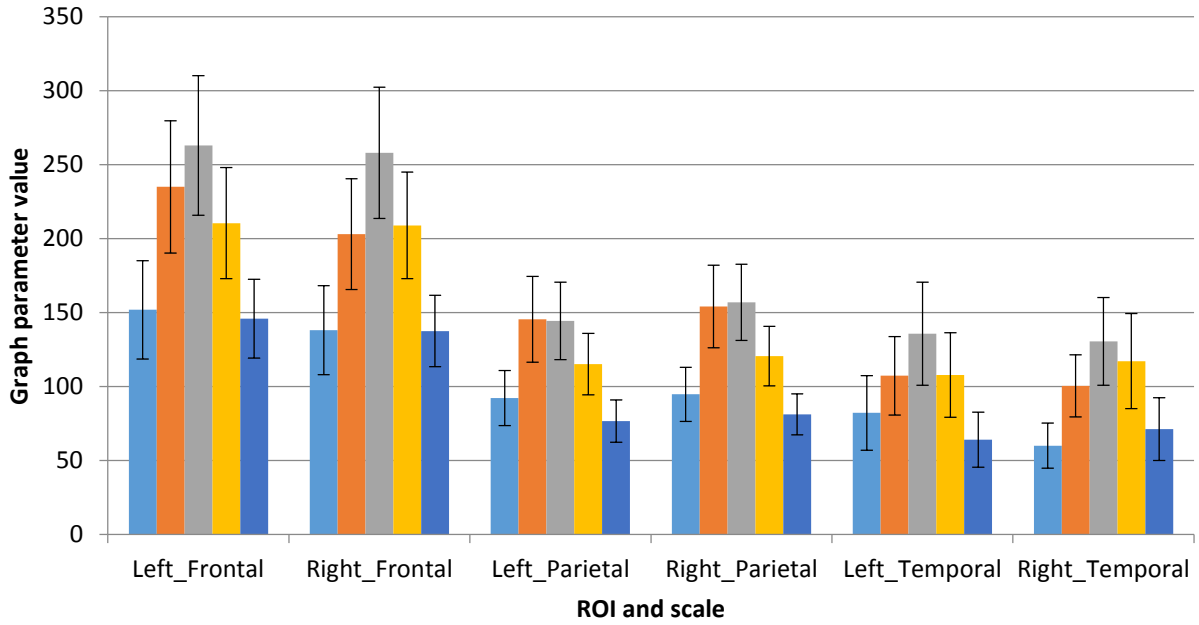
Fig. S9: AvgDegree_FiberLengthMean
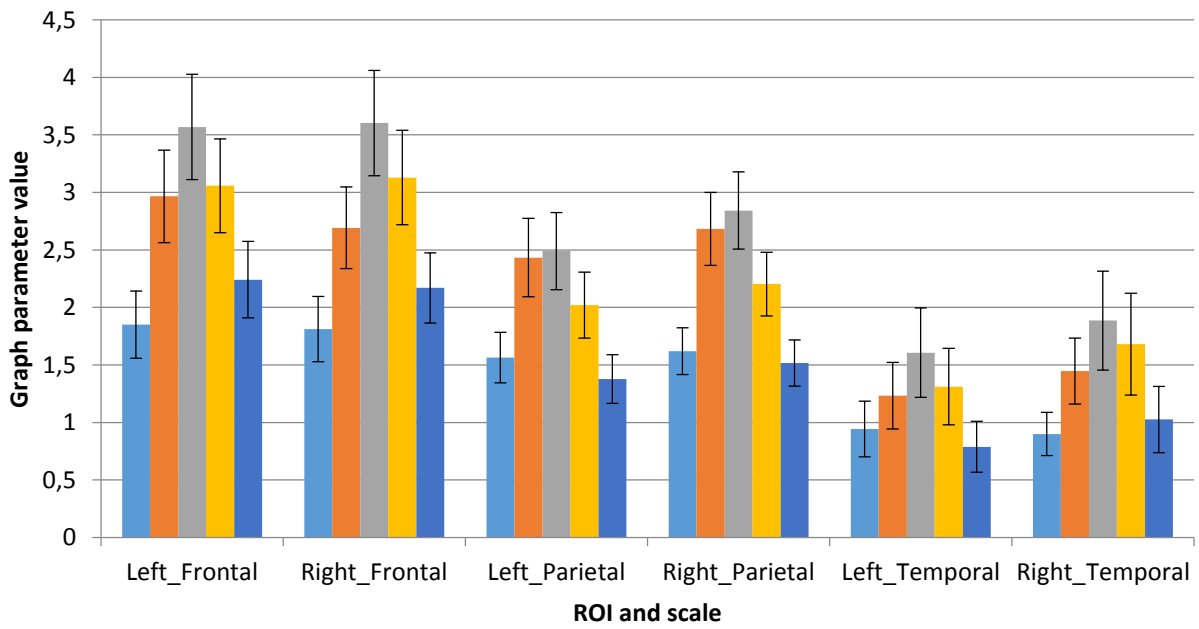

Fig. S10: AvgDegree_FAMean
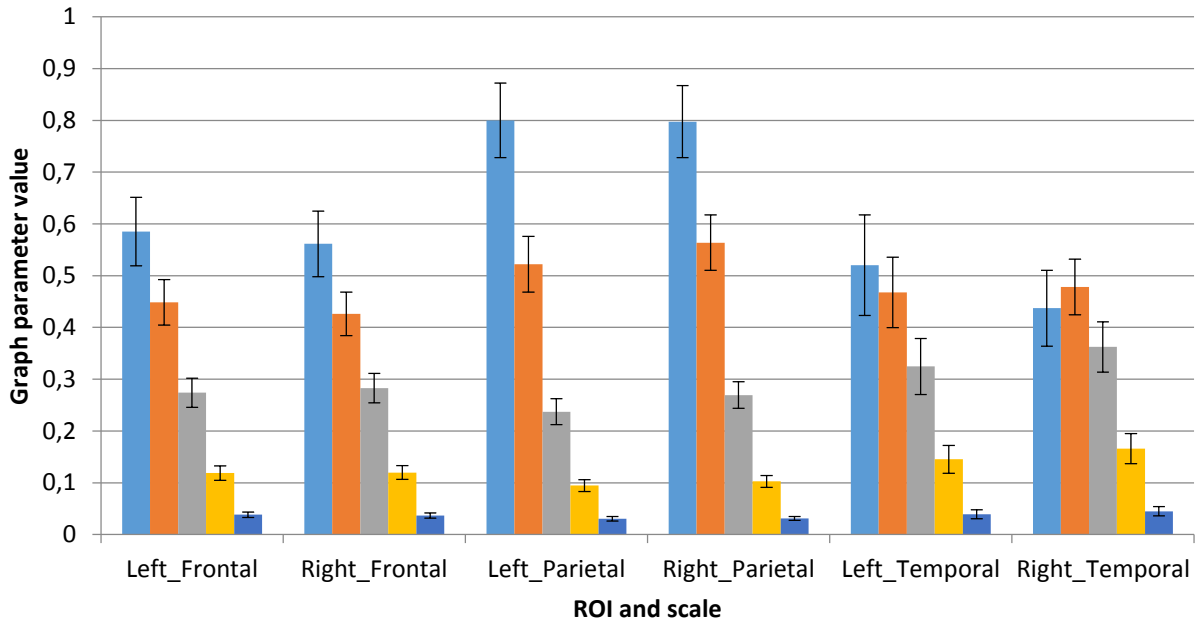
Fig. S11: Density_Unweighted
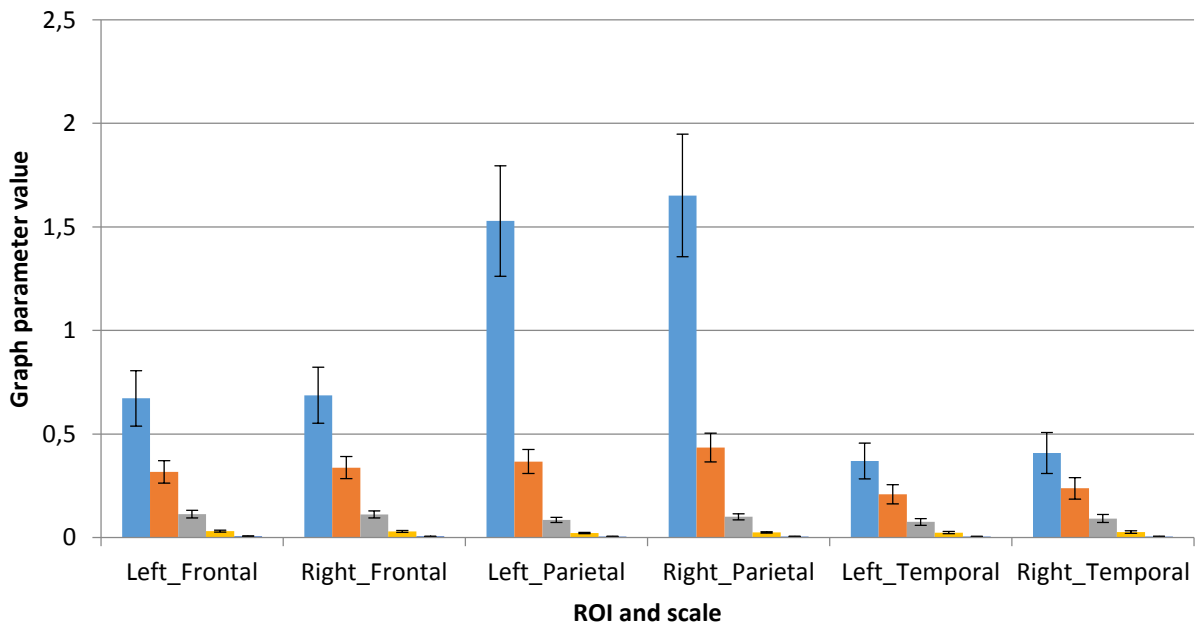
Fig. S12: Density_FiberNDivLength
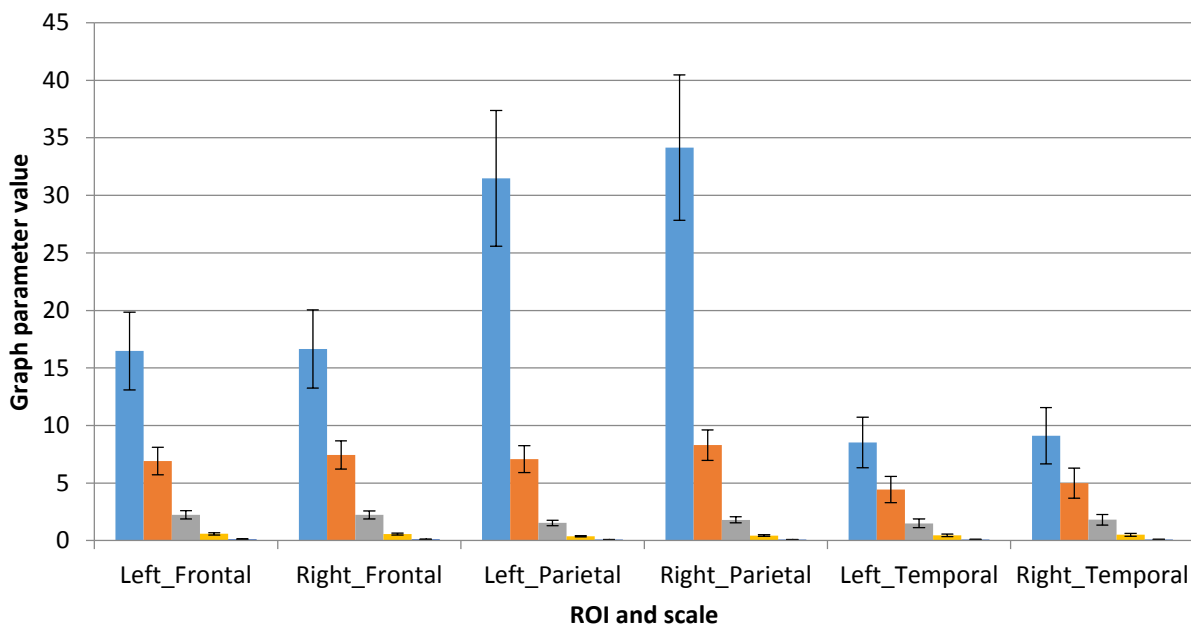
Fig. S13: Density_FiberN
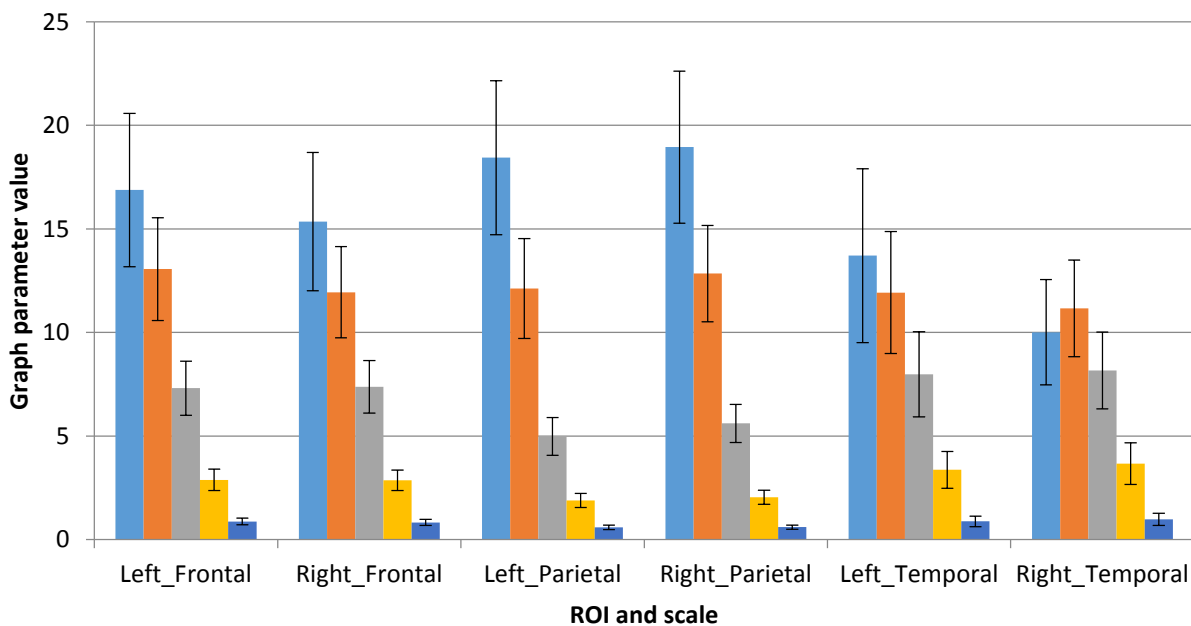

Fig. S14: Density_FiberLengthMean
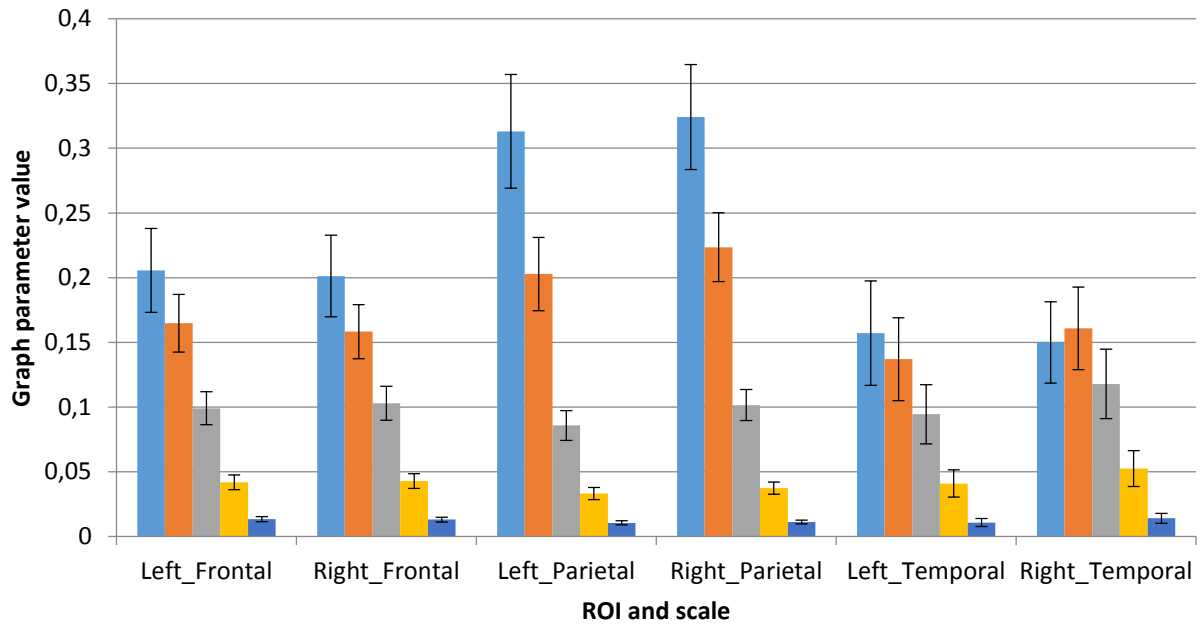
Fig. S15: Density_FAMean

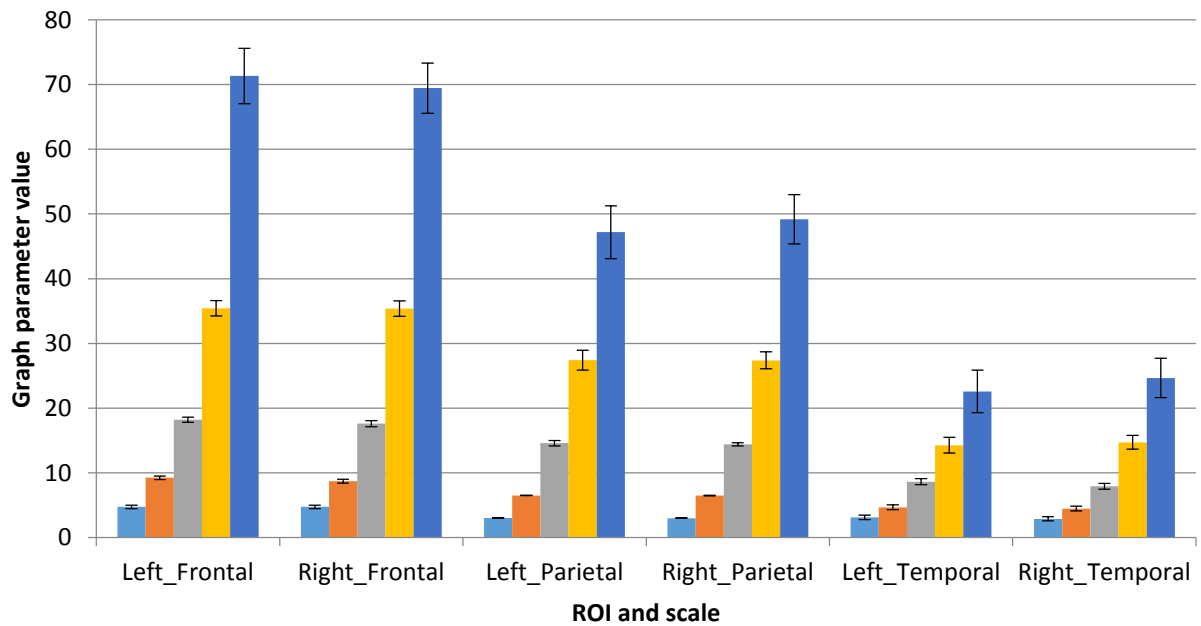

Fig. S16: MinVertexCover_Unweighted
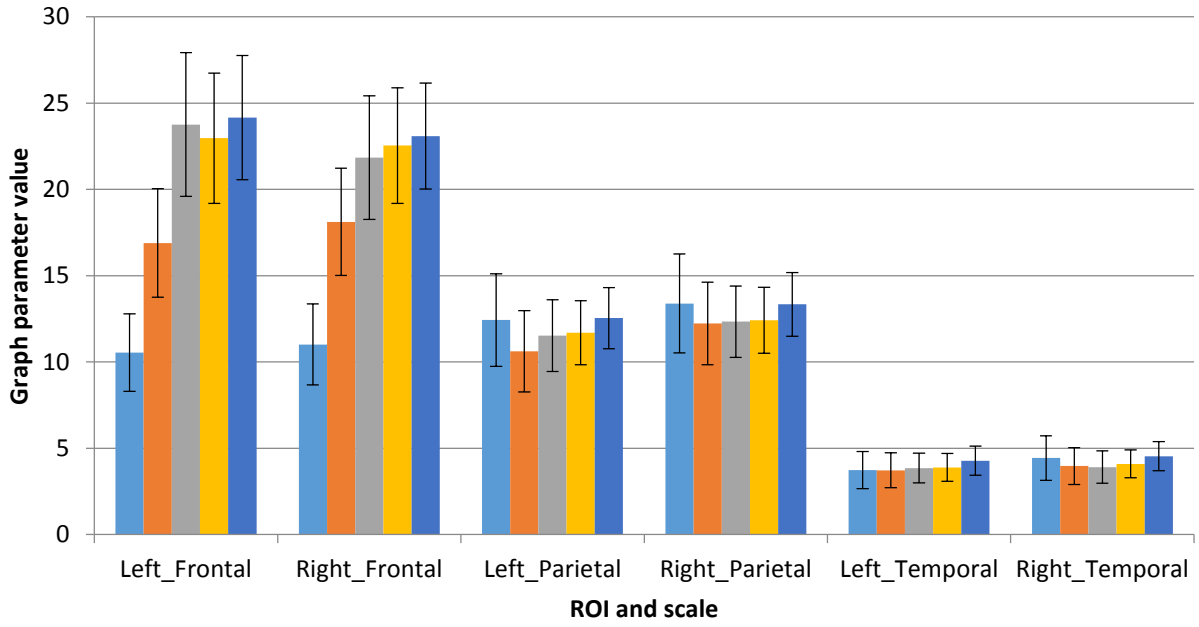
Fig. S17: MinVertexCover_FiberNDivLength
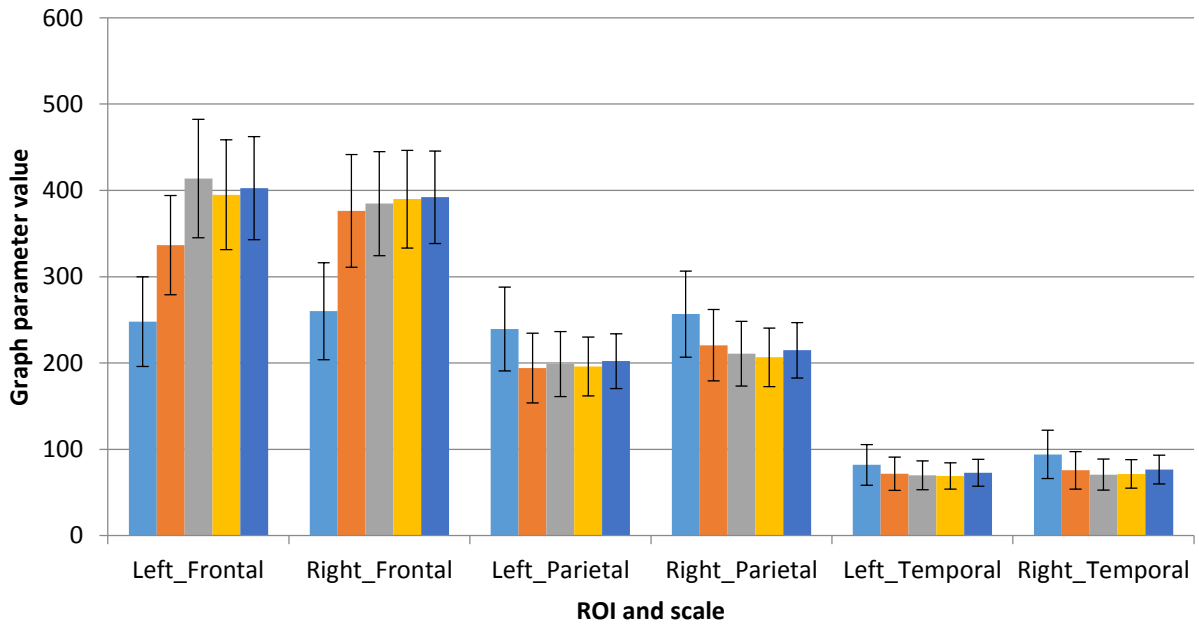
Fig. S18: MinVertexCover_FiberN

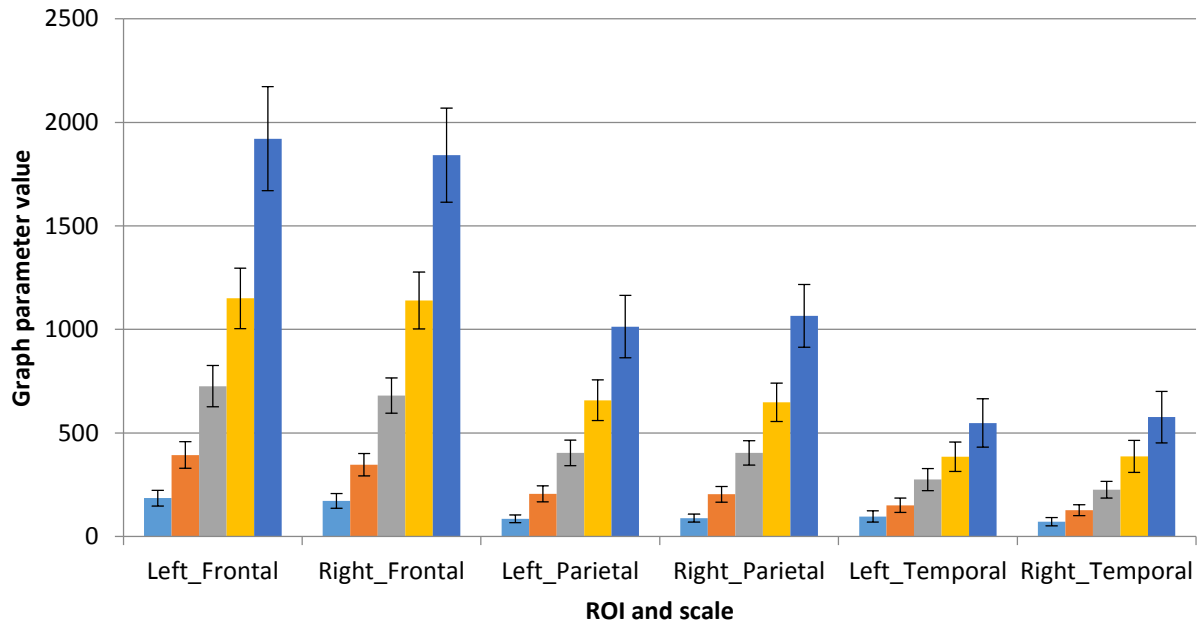**Fig. S19: MinVertexCover_FiberLengthMean**
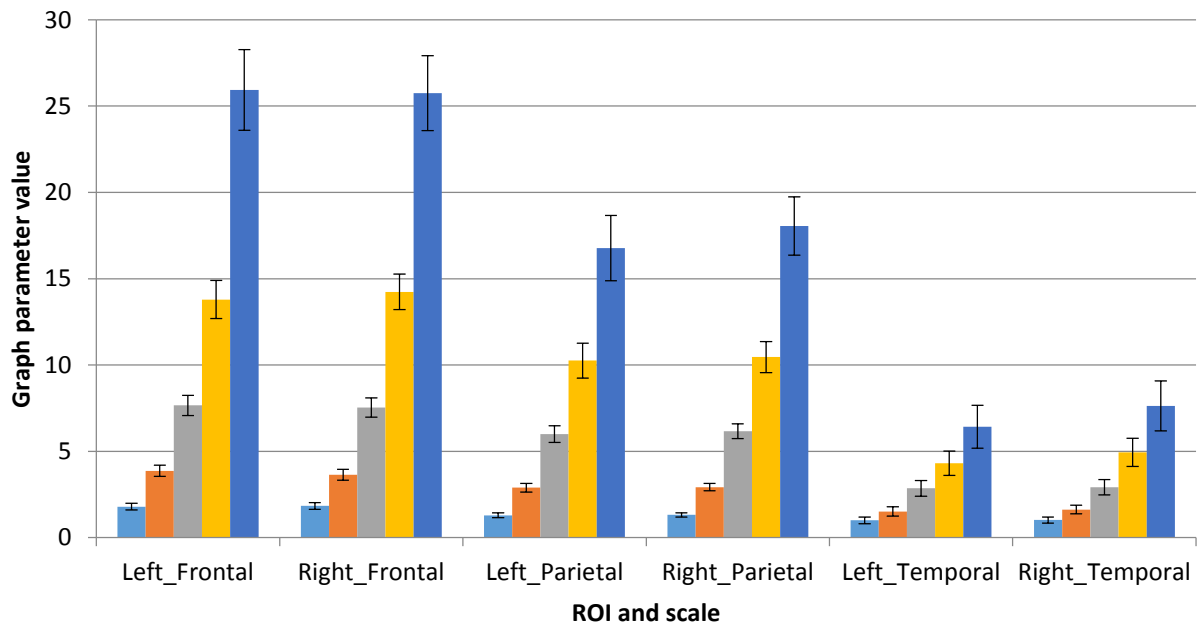
Fig. S20: MinVertexCover_FAMean
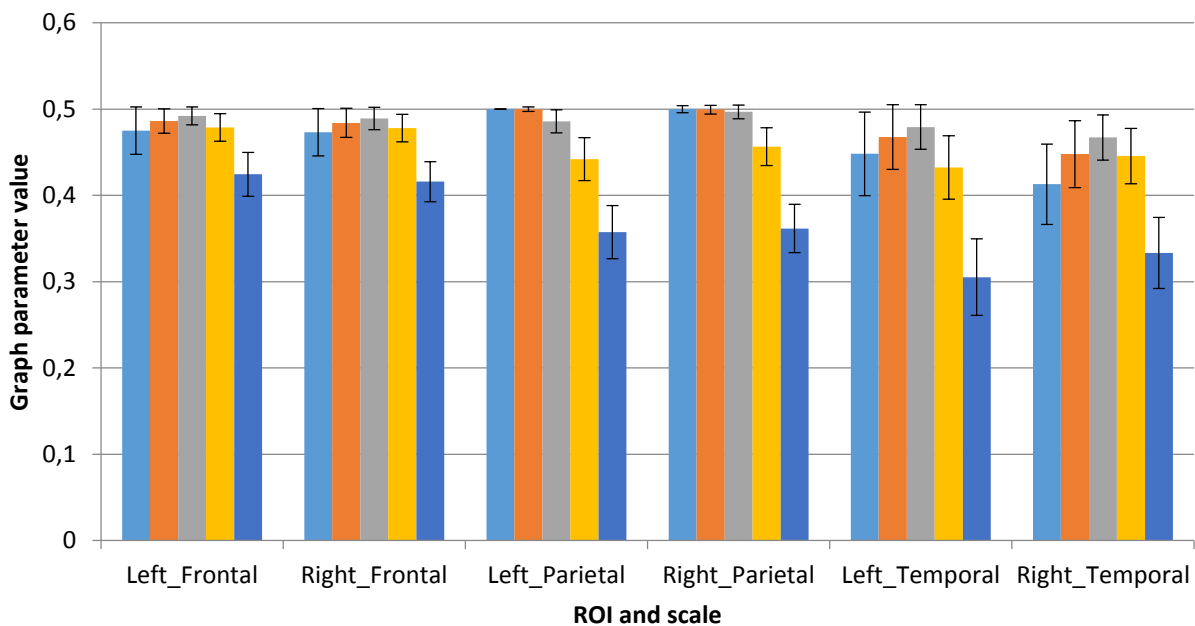
Fig. S21: MinVertexCoverDivN_Unweighted

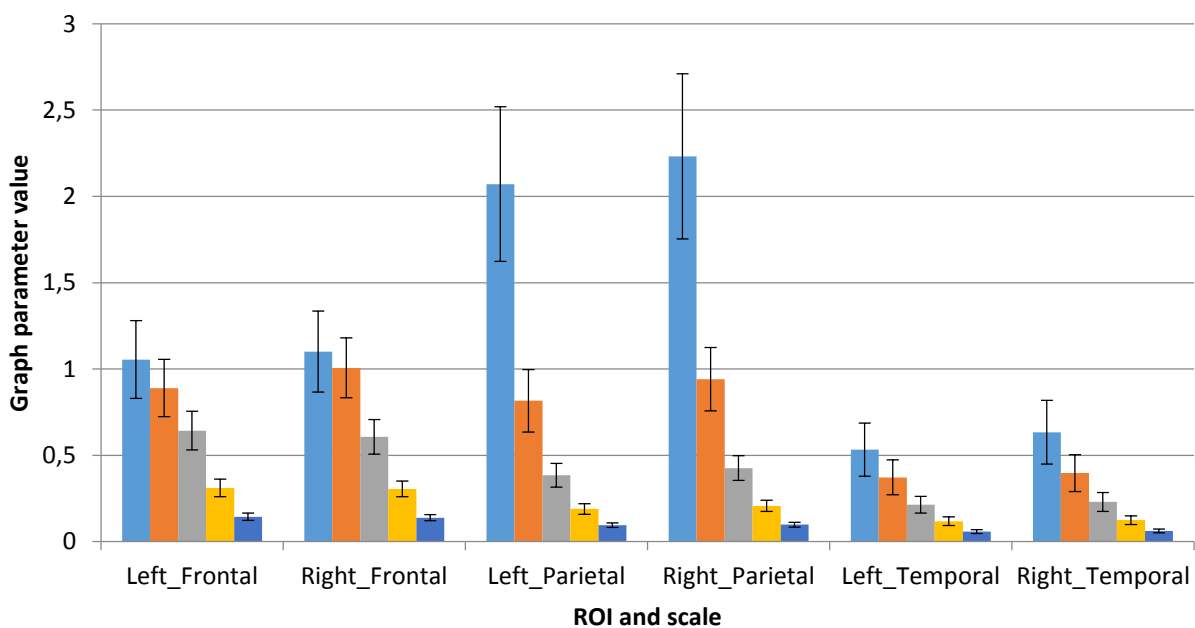Fig. S22: MinVertexCoverDivN_FiberNDivLength
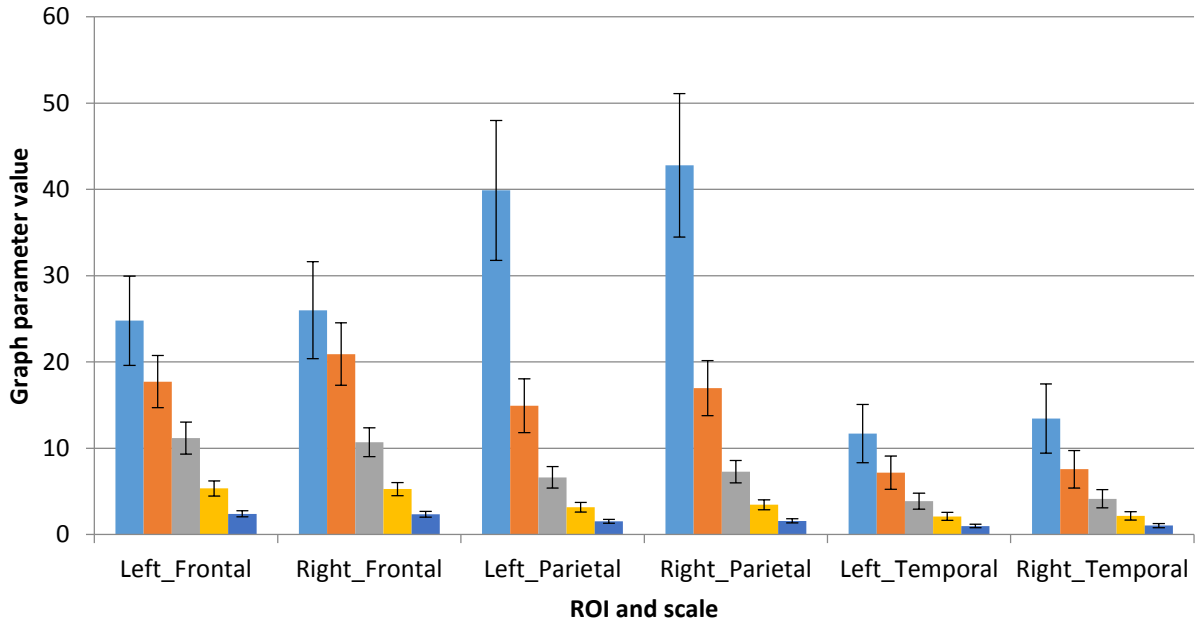
Fig. S23: MinVertexCoverDivN_FiberN

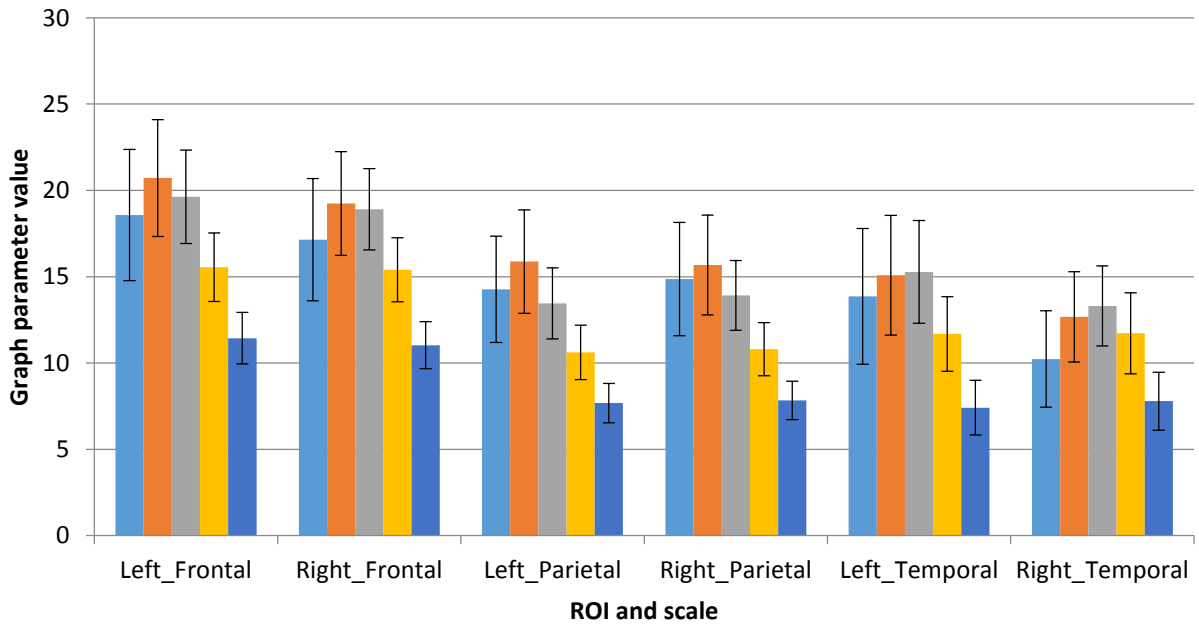Fig. S24: MinVertexCoverDivN_FiberLengthMean
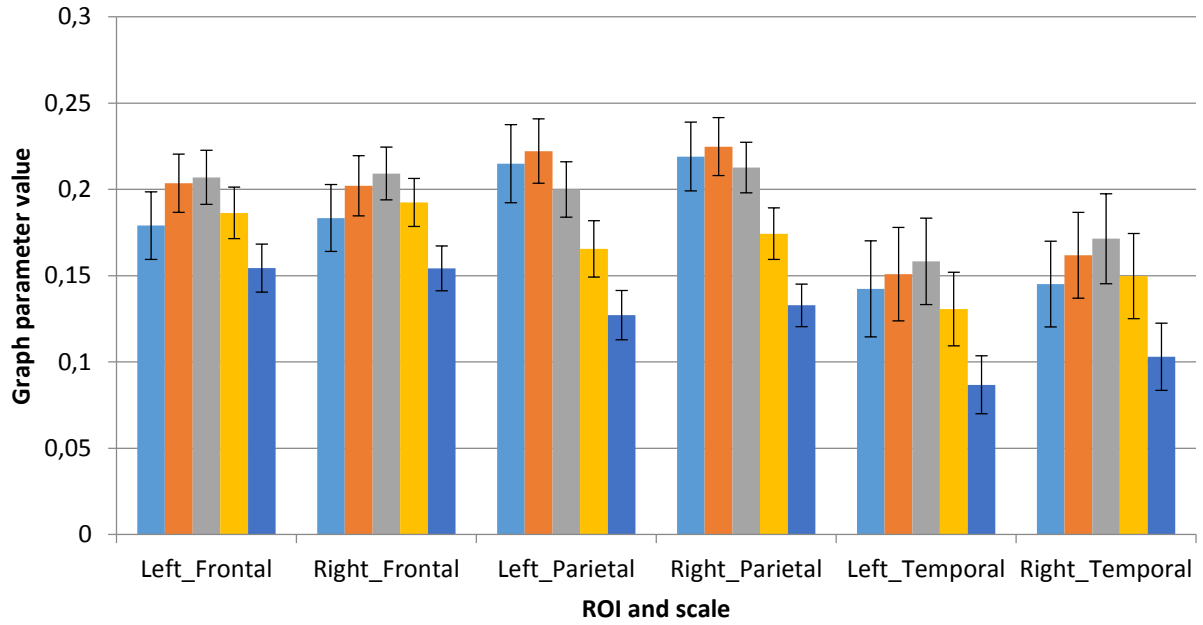
Fig. S25: MinVertexCoverDivN_FAMean
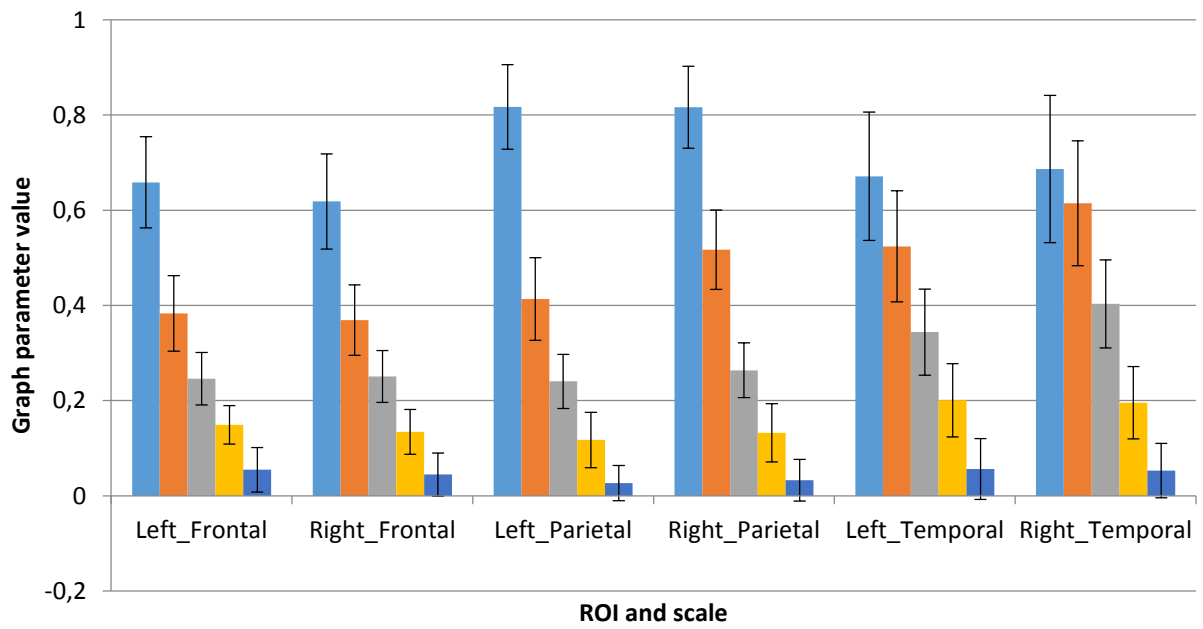

Fig. S26: PGEigengap_Unweighted

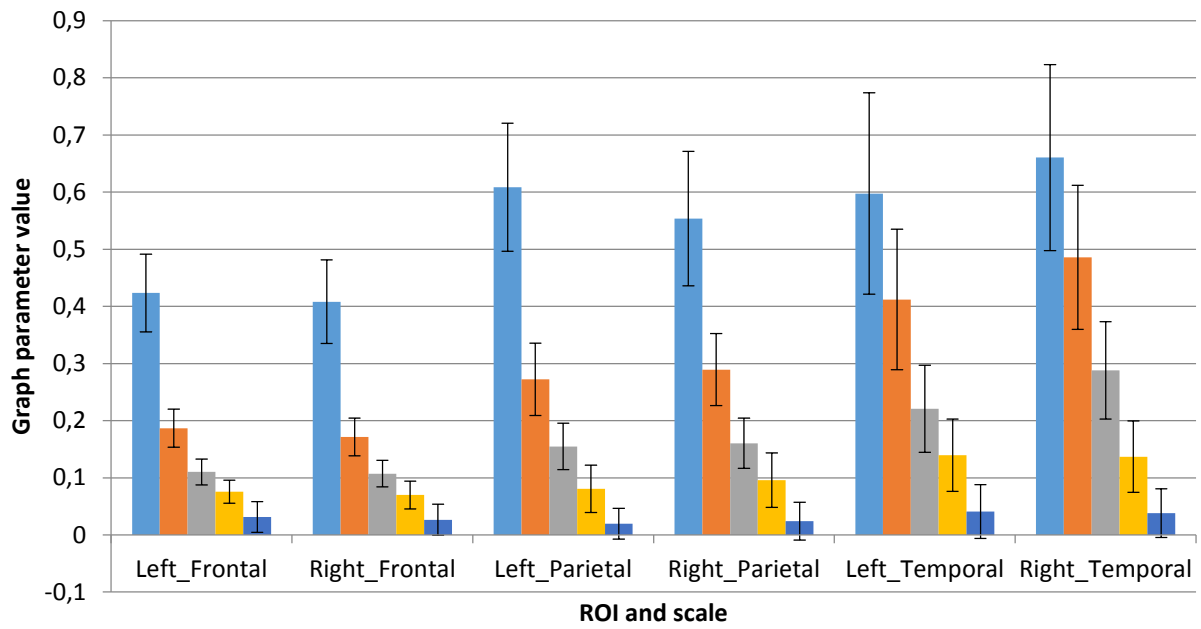Fig. S27: PGEigengap_FiberNDivLength
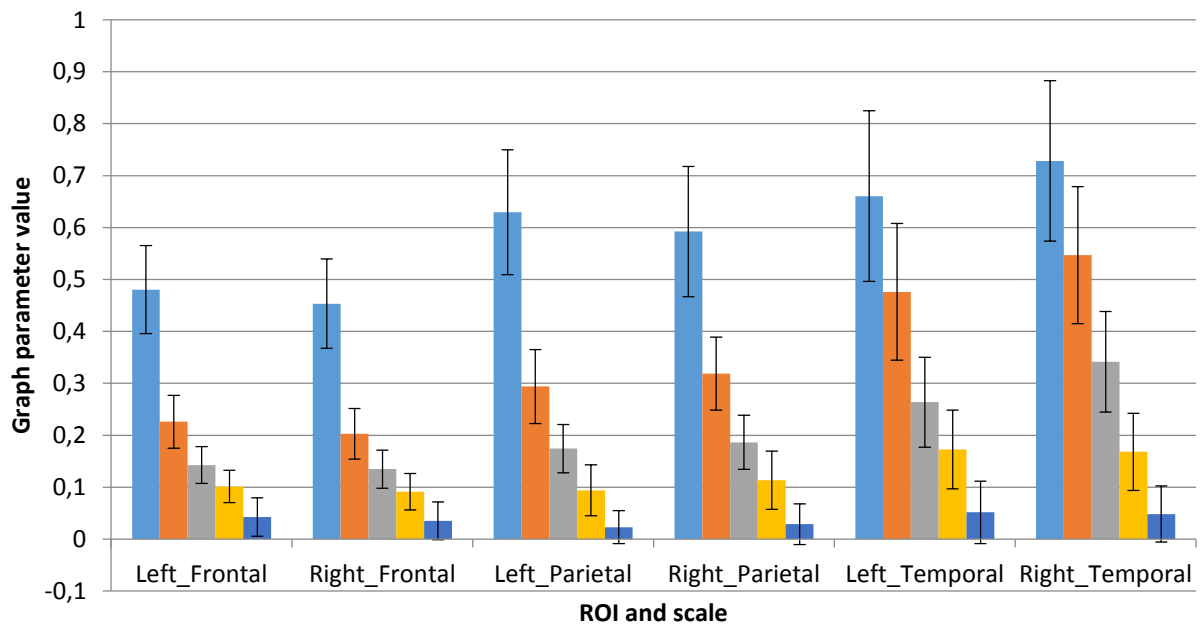

Fig. S28: PGEigengap_FiberN

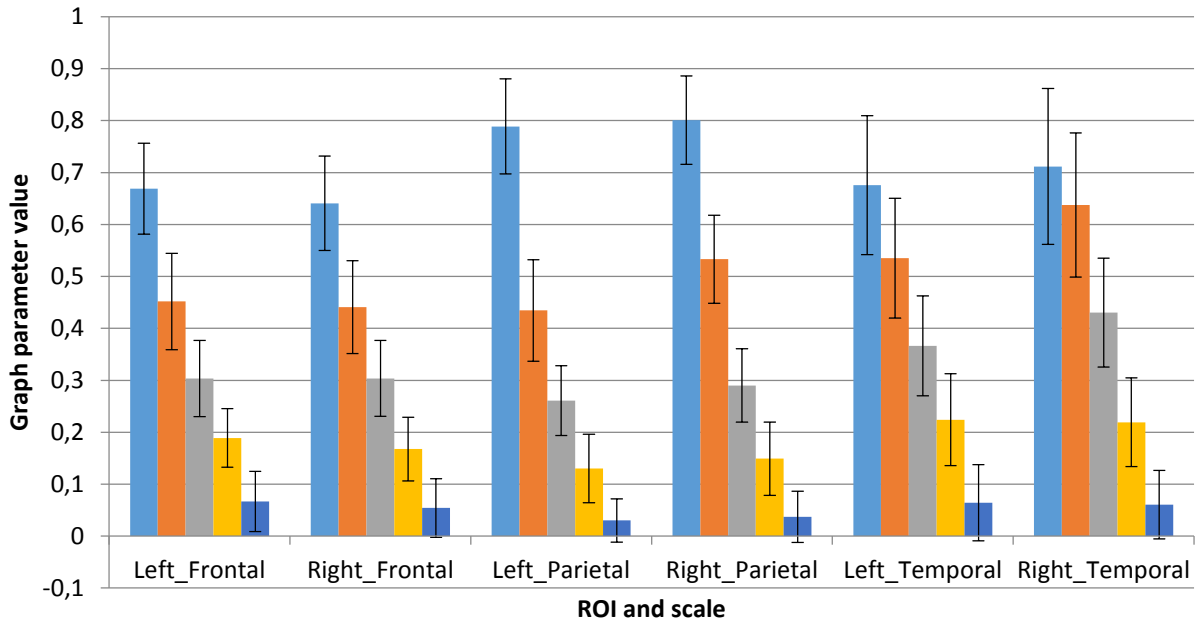Fig. S29: PGEigengap_FiberLengthMean
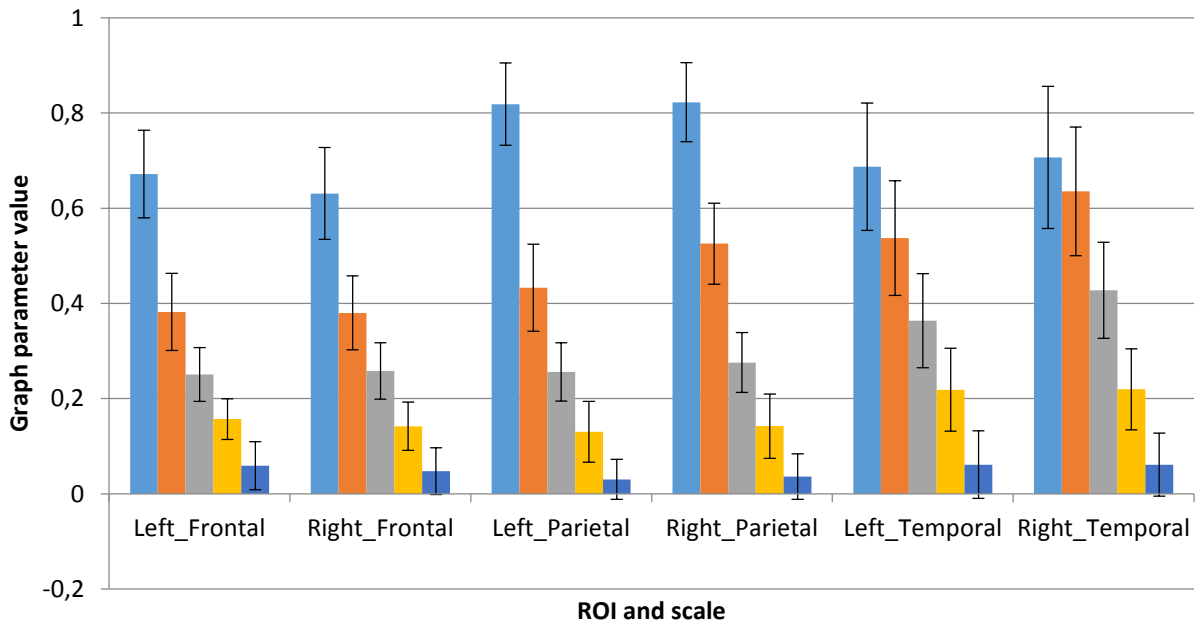

Fig. S30: PGEigengap_FAMean

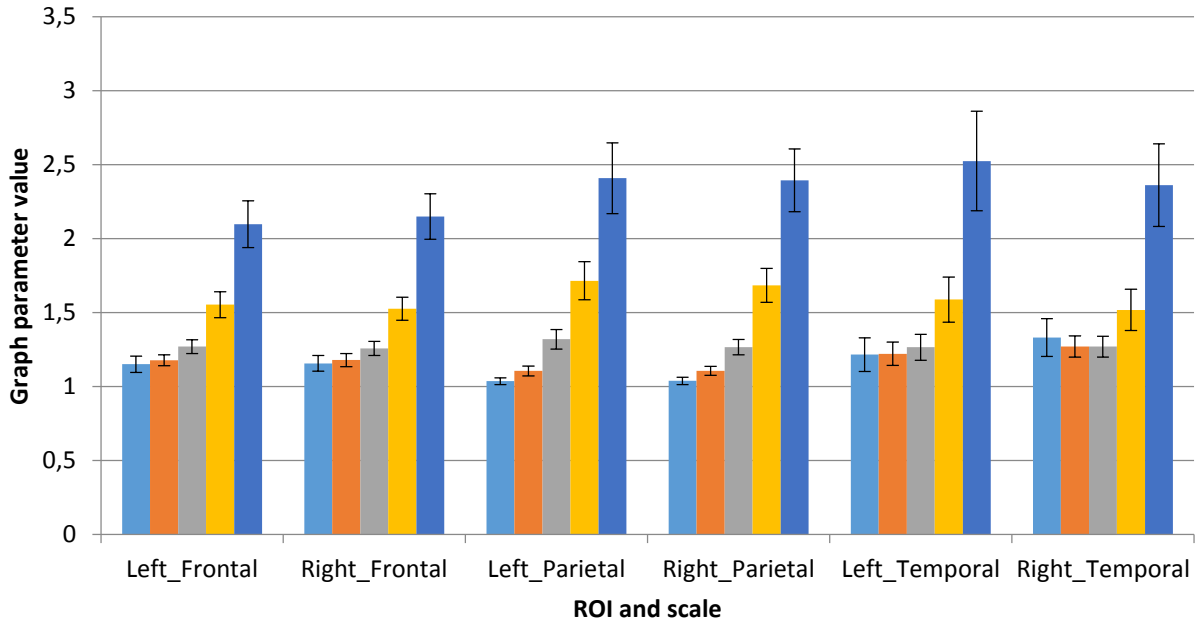**Fig. S31: AdjLMaxDivD_Unweighted**

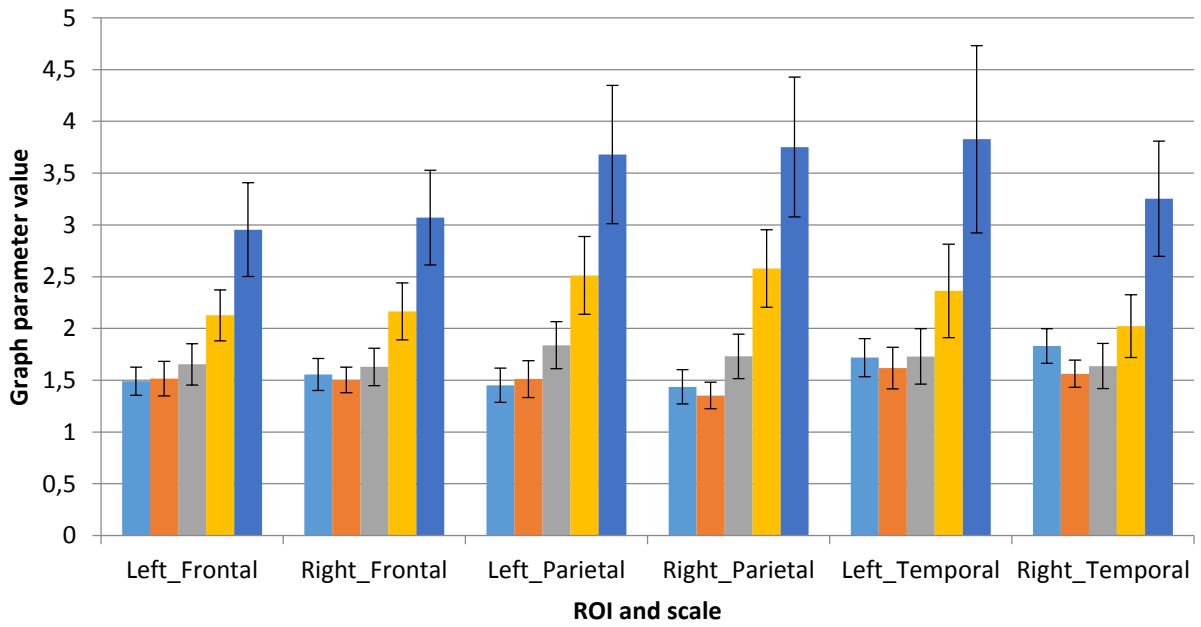**Fig. S32: AdjLMaxDivD_FiberNDivLength**

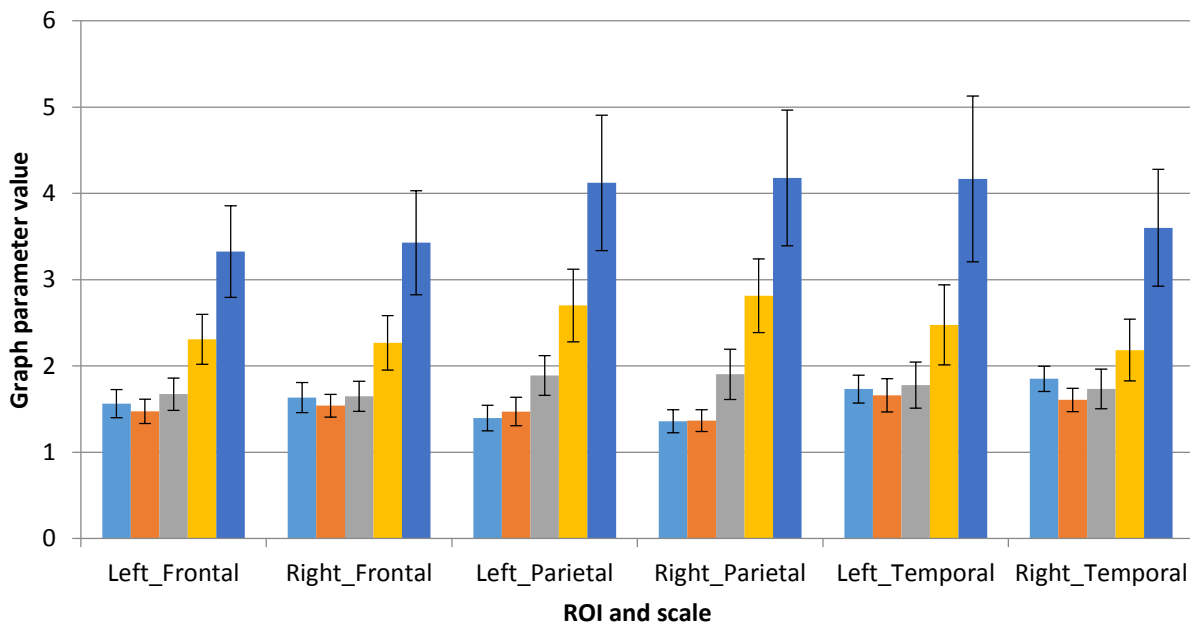Fig. S33: AdjLMaxDivD_FiberN

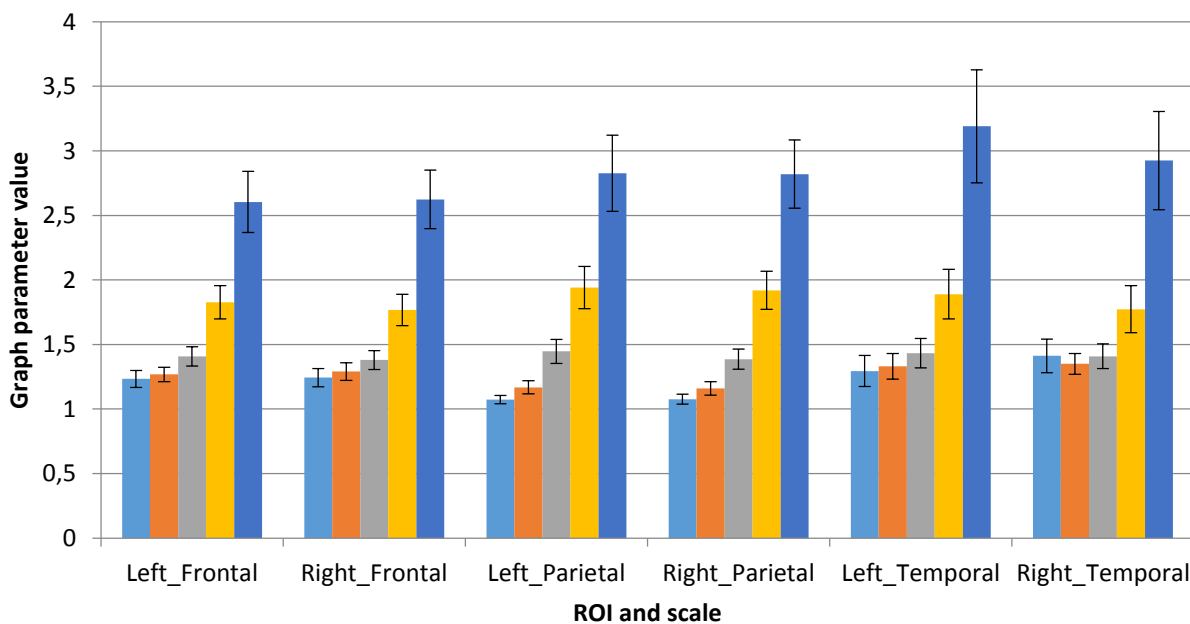Fig. S34: AdjLMaxDivD_FiberLengthMean

Fig. S35: AdjLMaxDivD_FAMean

Fig. S36: HoffmanBound_Unweighted

Fig. S37: HoffmanBound_FiberNDivLength

Graph parameter value vs ROI and scale

Fig. S38: HoffmanBound_FiberN

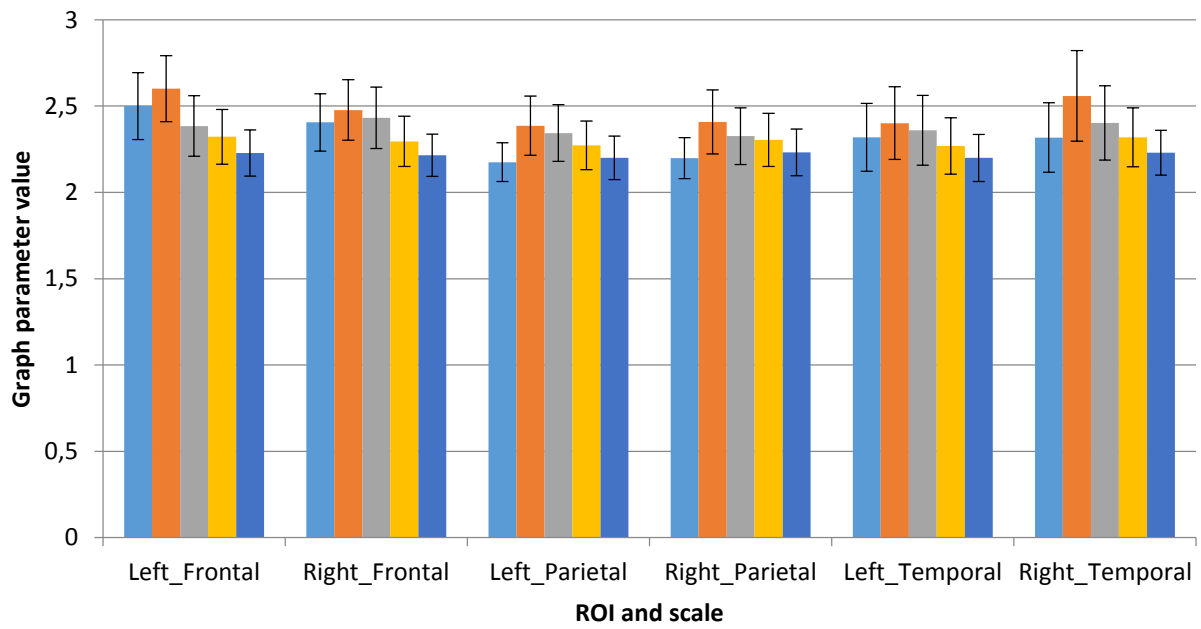Graph parameter value vs ROI and scale
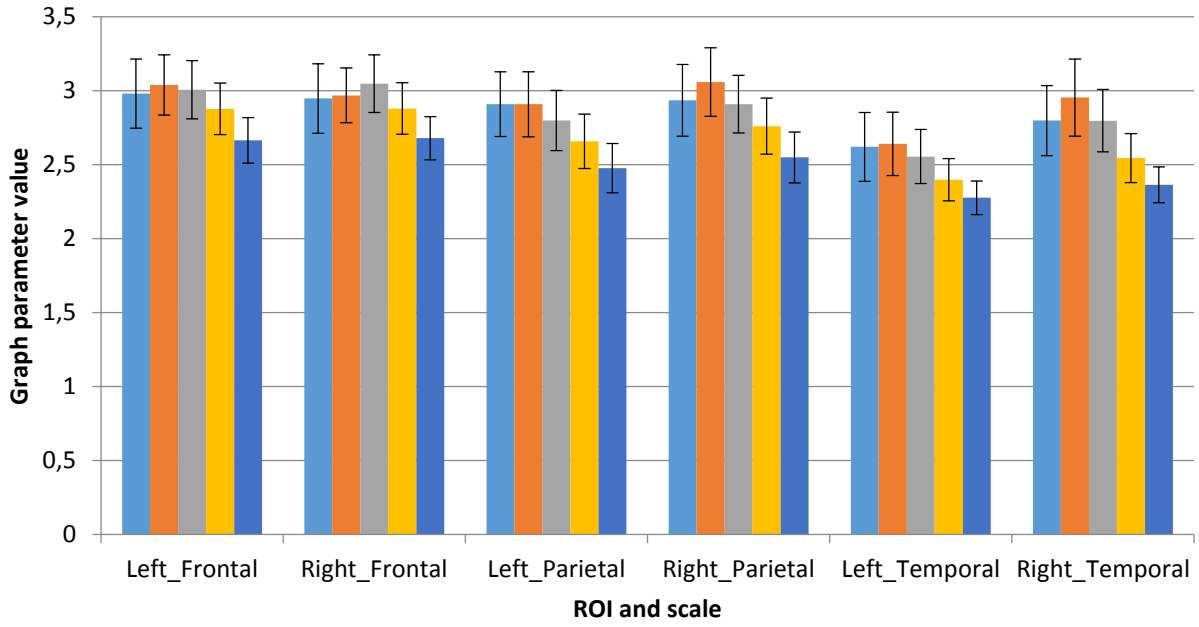
Fig. S39: HoffmanBound_FiberLengthMean
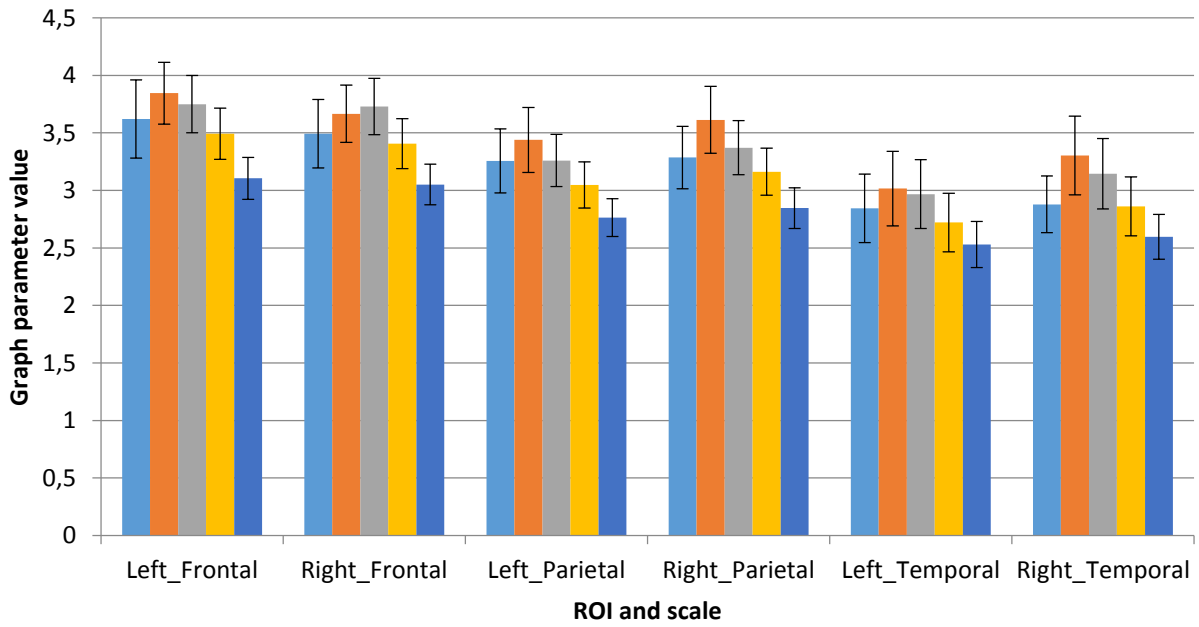
Fig. S40: HoffmanBound_FAMean
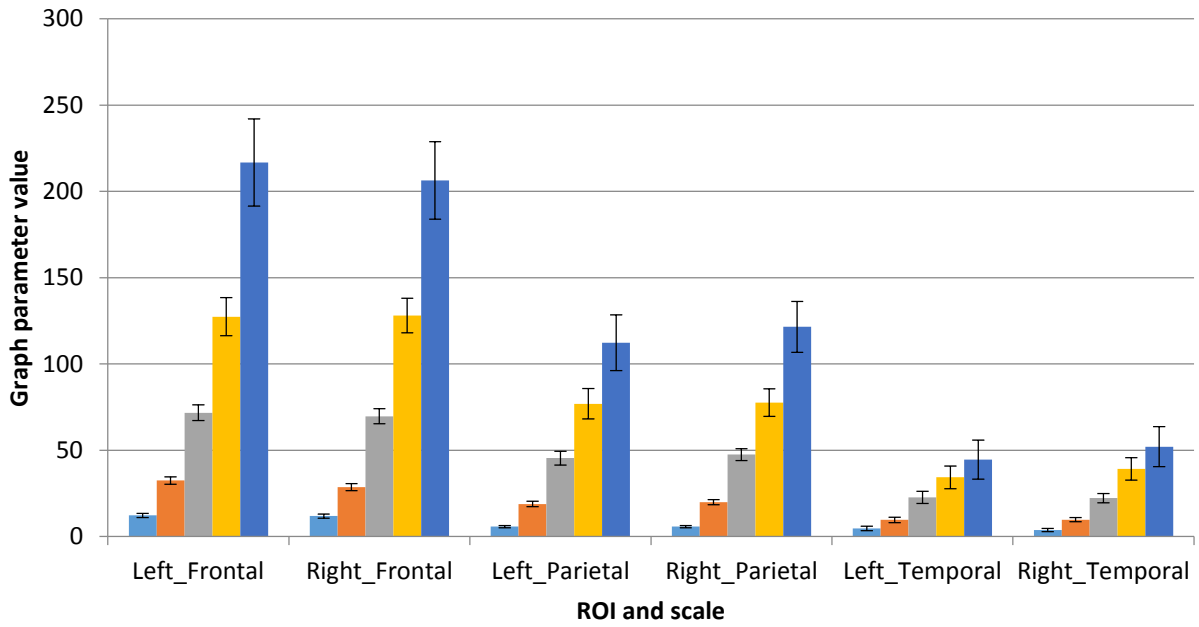
Fig. S41: LogSpanningForestN_Unweighted

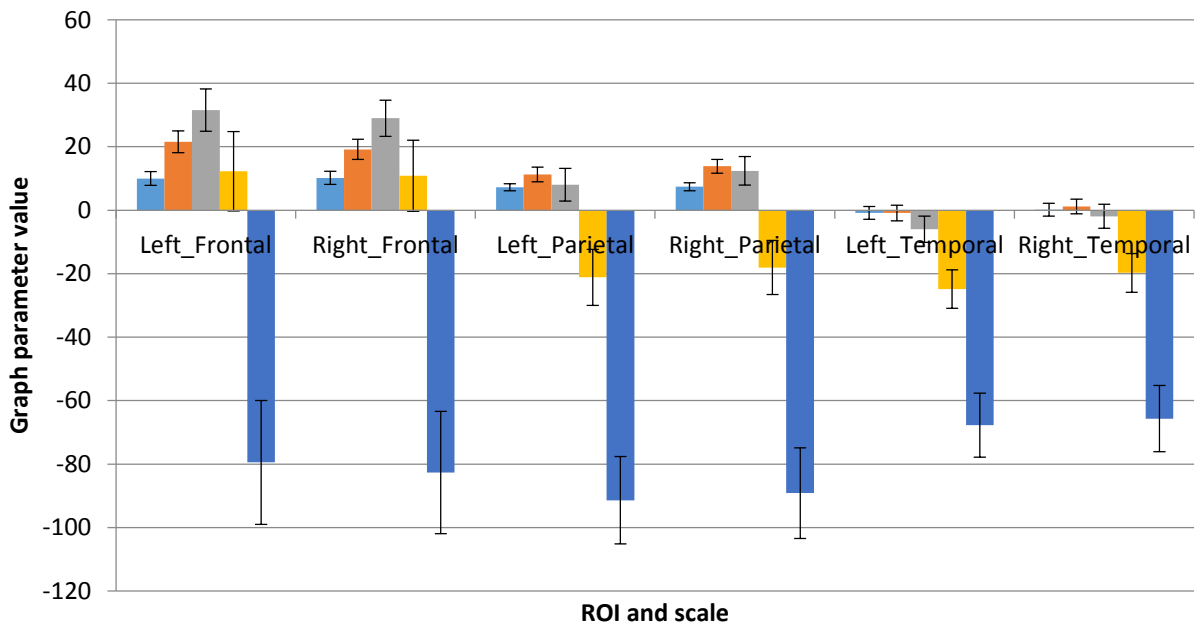Fig. S42: LogSpanningForestN_FiberNDivLength
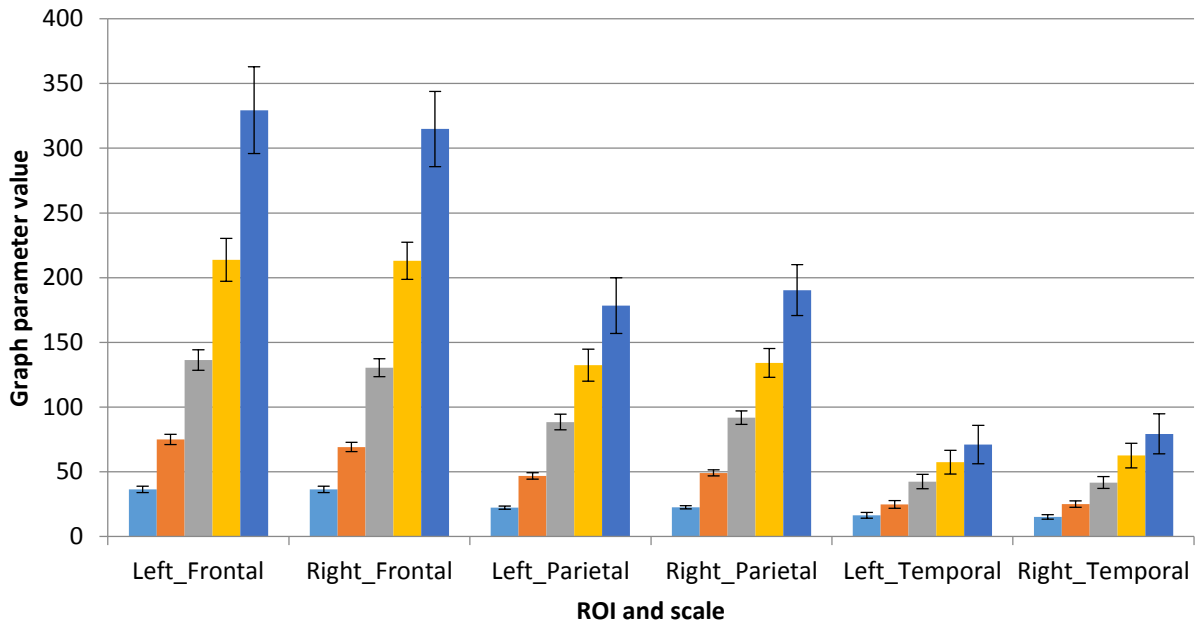
Fig. S43: LogSpanningForestN_FiberN

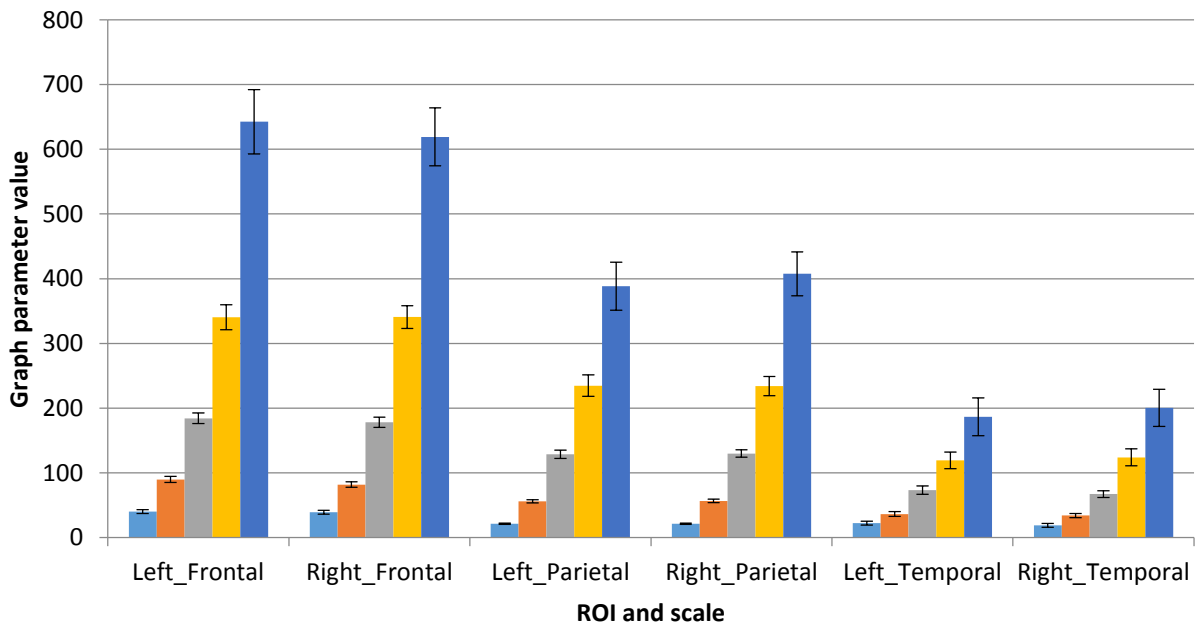Fig. S44: LogSpanningForestN_FiberLengthMean
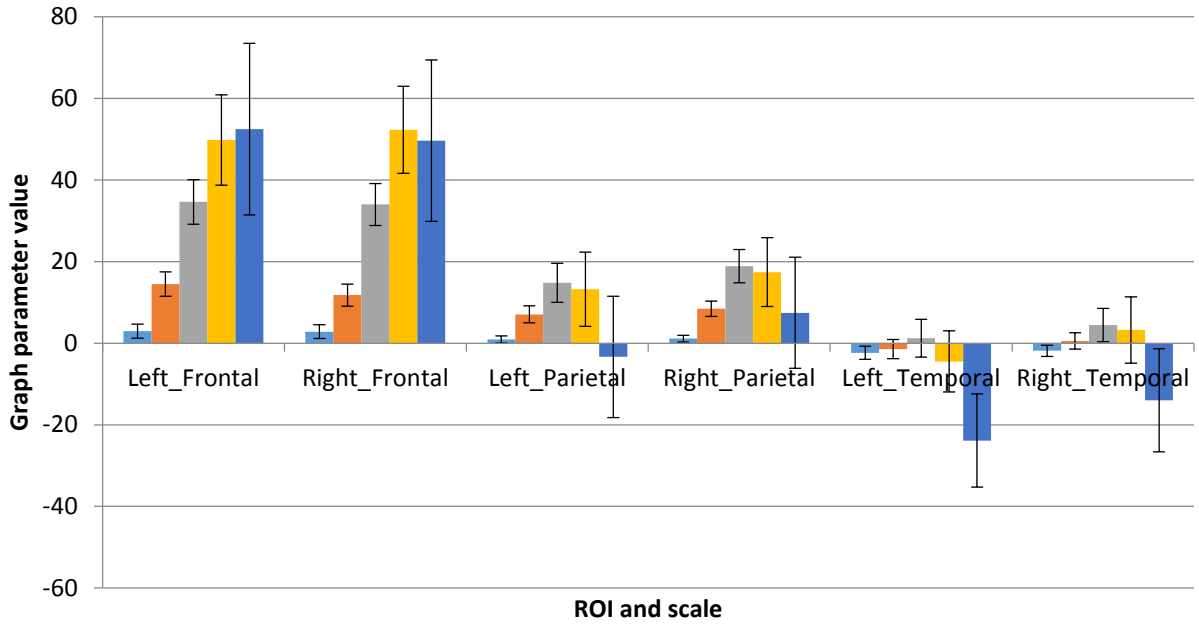
Fig. S45: LogSpanningForestN_FAMean

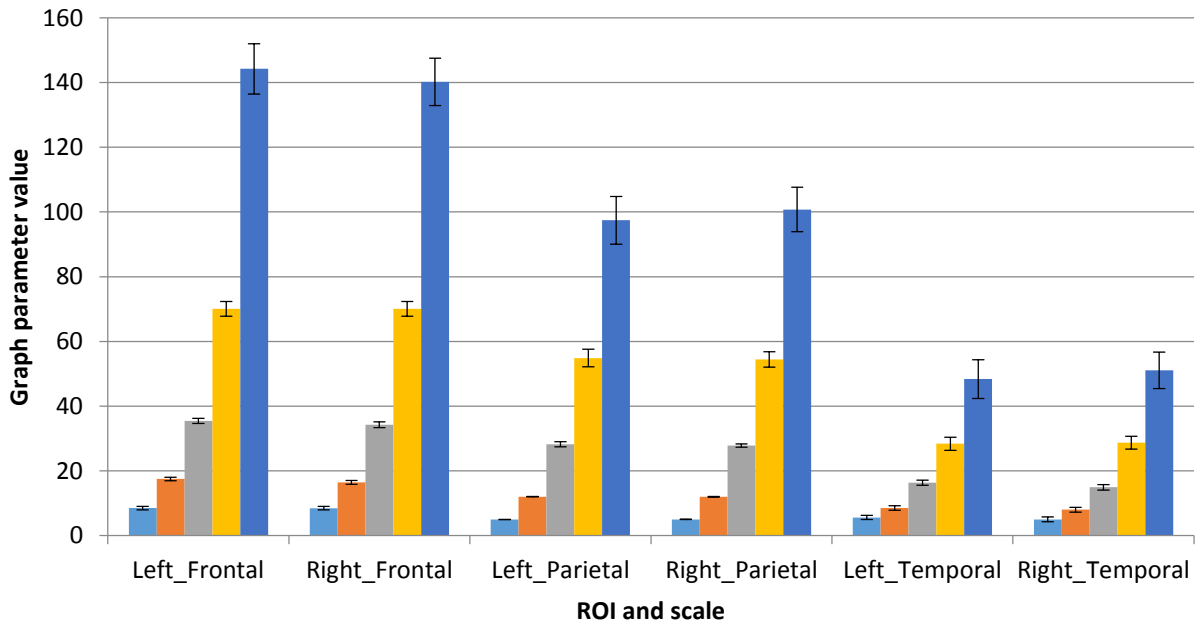Fig. S46: MinSpanningForest_Unweighted

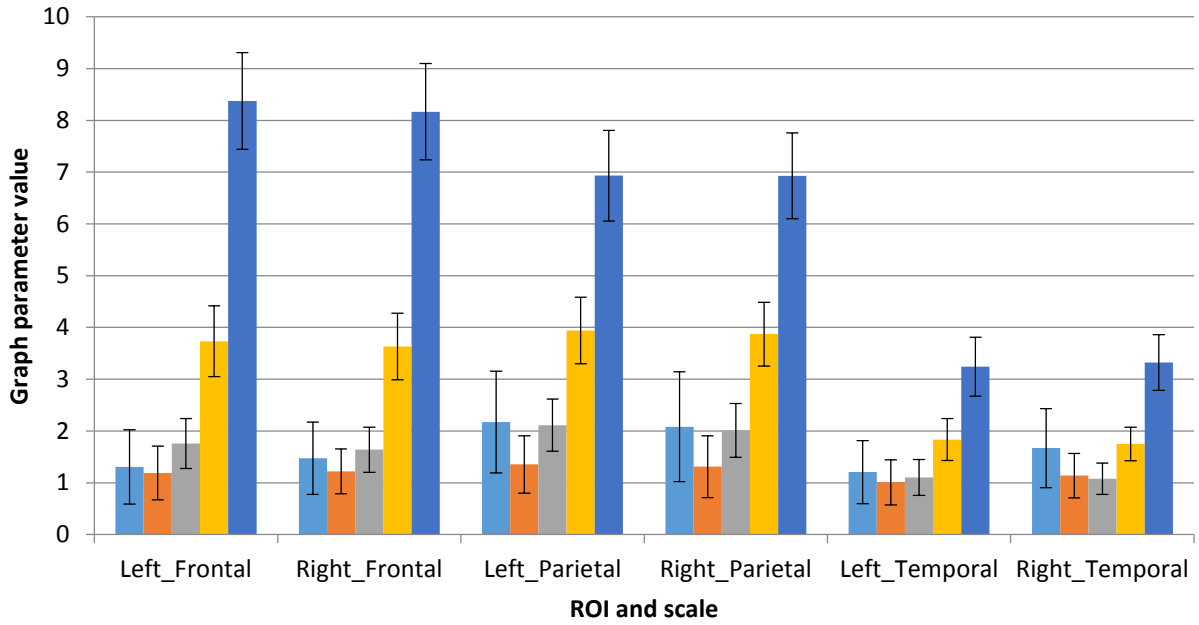**Fig. S47: MinSpanningForest_FiberNDivLength**

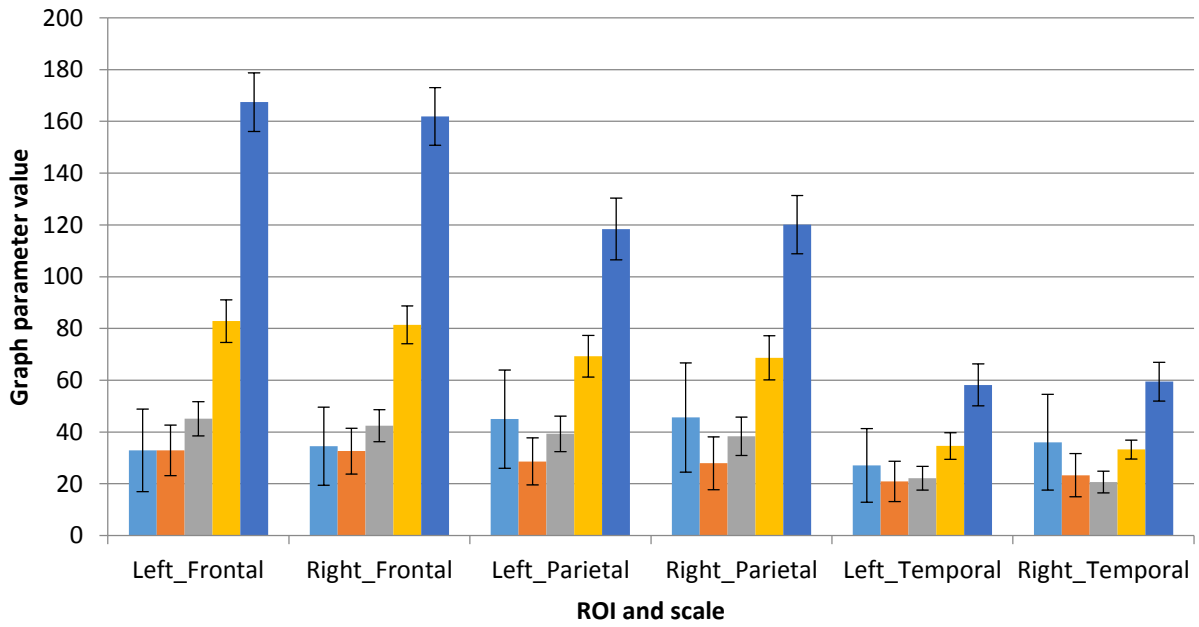**Fig. S48: MinSpanningForest_FiberN**

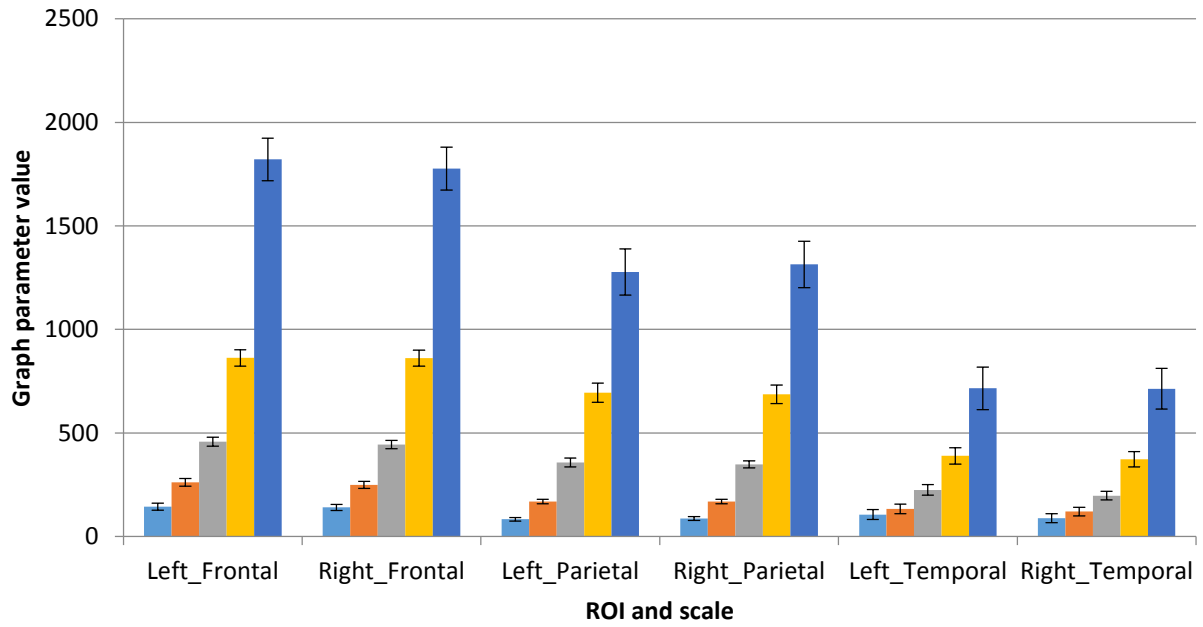Fig. S49: MinSpanningForest_FiberLengthMean
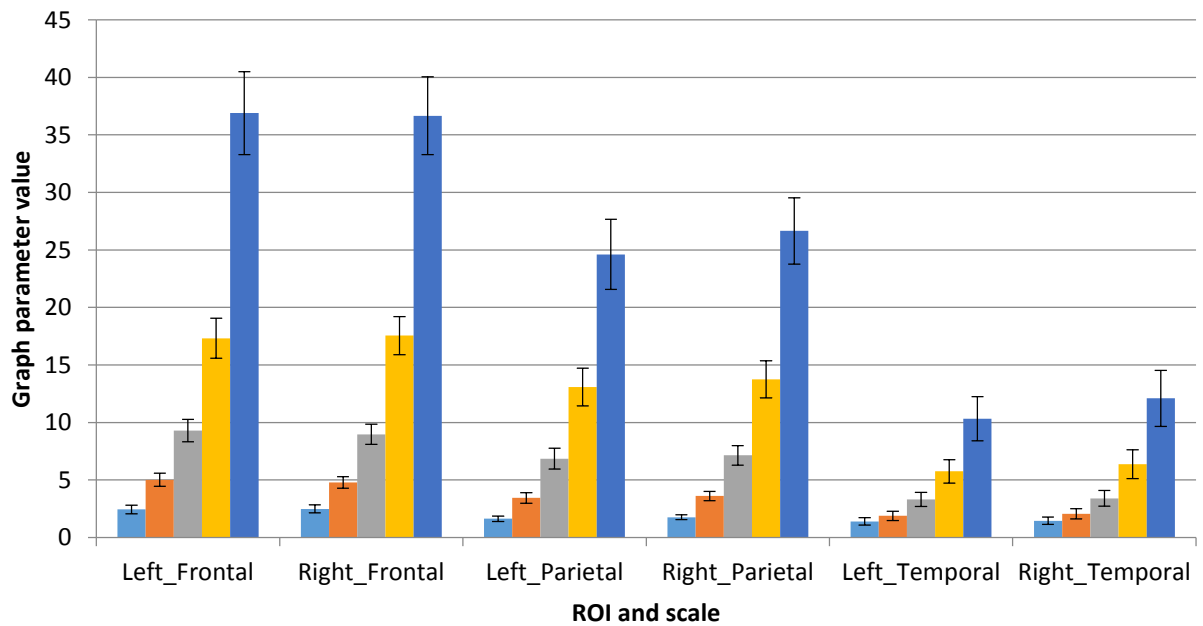

Fig. S50: MinSpanningForest_FAMean

Fig. S51:
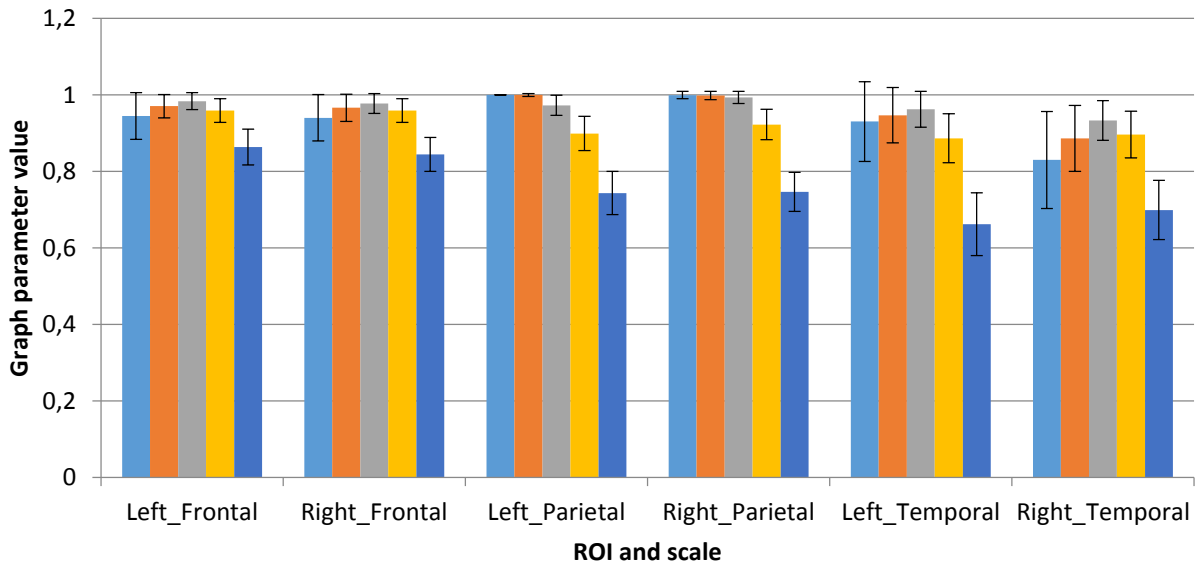**MinSpanningForestDivNMin1_Unweighted**

Fig. S52:
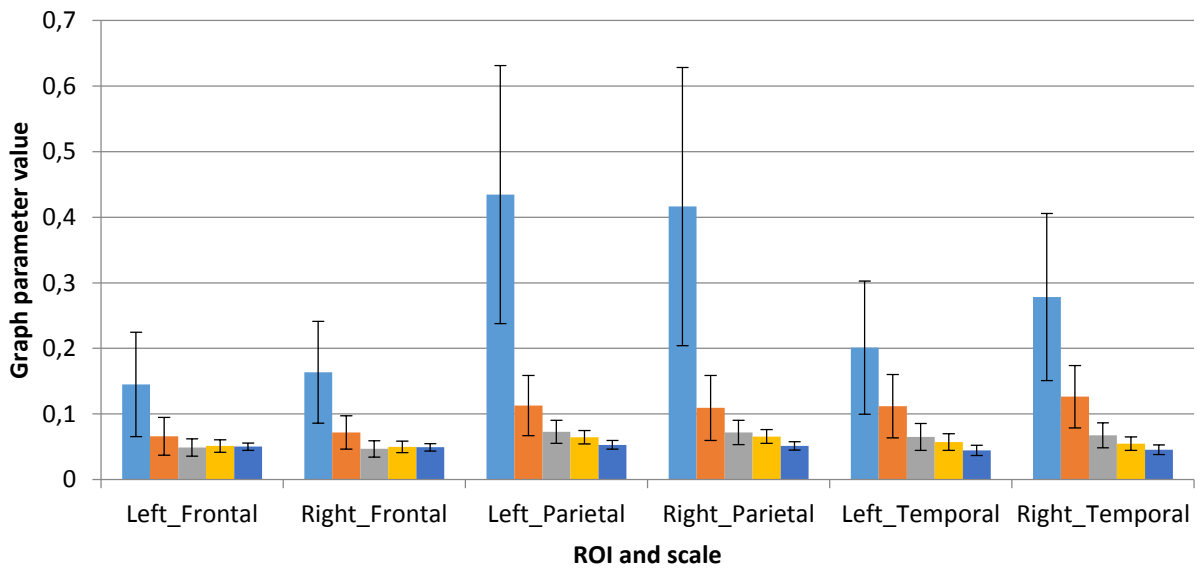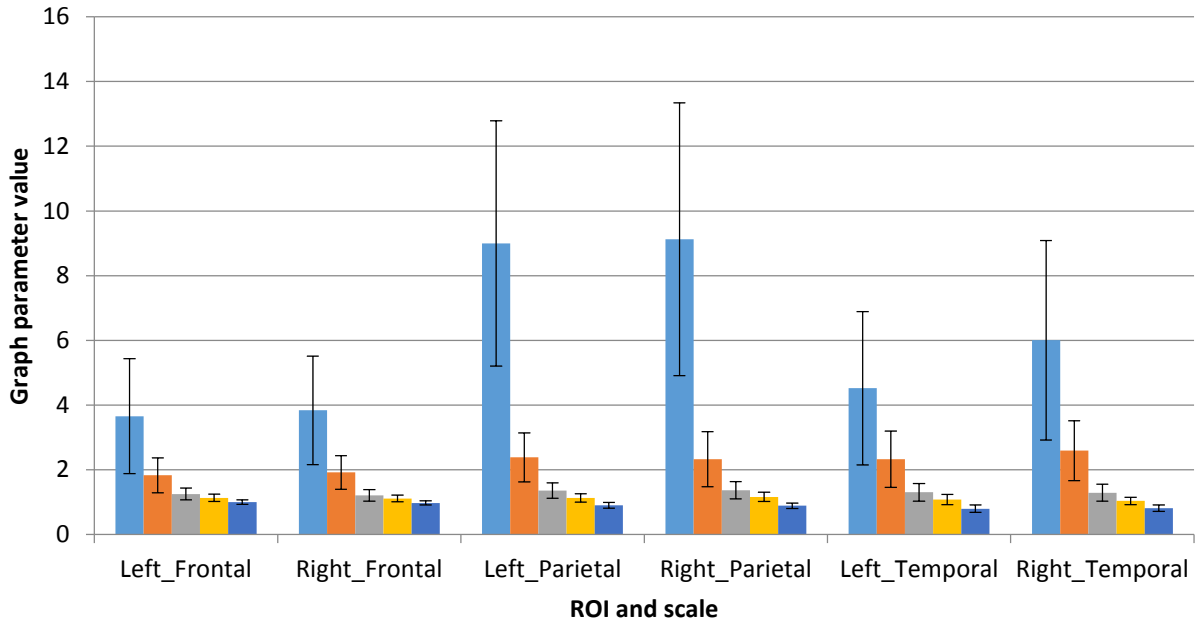**MinSpanningForestDivNMin1_FiberNDivLength**

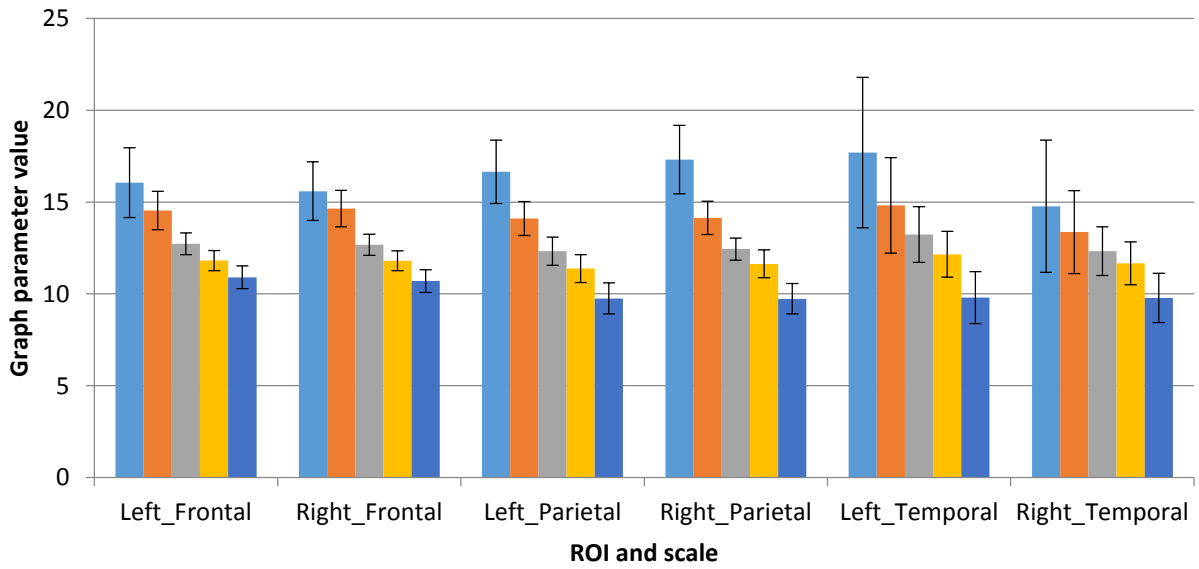Fig. S53: MinSpanningForestDivNMin1_FiberN

Fig. S54: MinSpanningForestDivNMin1_FiberLengthMean

Fig. S55: MinSpanningForestDivNMin1_FAMean