A Geometric Optimization Approach for the Detection and Segmentation of Multiple Aneurysms Additional Material

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This supplementary material shows first the results of our method applied to the data sets provided by Pozo et al. [PSFC17]. Unless nothing else is stated, we used the paramater in the paper. In case the algorithm yields wrong results, we show the result again with altered parameters shown in the caption. The number indicates the surface mesh from 1-50. Furthermore, this supplementary matterial shows second an overview presenting parameter combinations for the smoothing result as well as the shapeindex as a scalarfield.

1. Our Algorithm applied to the Data Sets by Pozo et al.







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2. Smoothing and Shapeindex



Figure 1: The influence of different parameter combinations for the smoothing result. We used 20 iterations with a weight of 1 for all results.



Figure 2: The shapeindex on the surface mesh is shown.