

# Probabilistic shortest path tractography in DTI using Gaussian Process ODE solvers

## — Supplementary Material —

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This document contains higher resolution figures from the experiments section of [4].

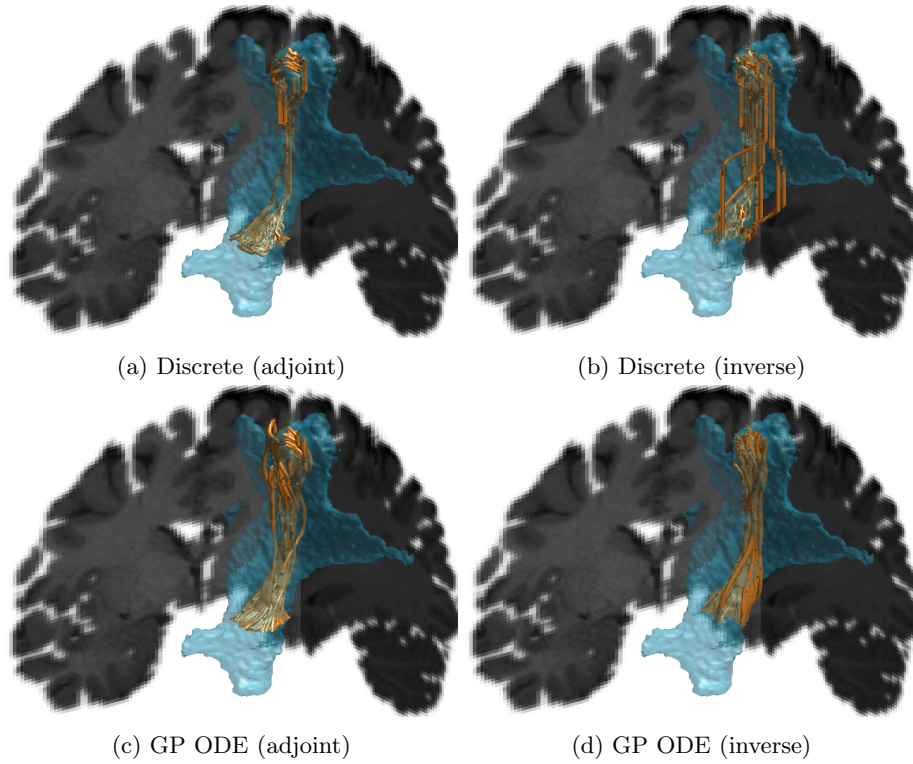


Fig. 1: Geodesics under the inverse [2, 3] and the adjoint metrics [1] in the right CST. Blue area shows voxels in the Catani atlas which at least one expert considered to be part of the tract. By considering different endpoints, bifurcating tracts can be discovered (Figs. 1a and 1c). See main paper [4] for detailed description.

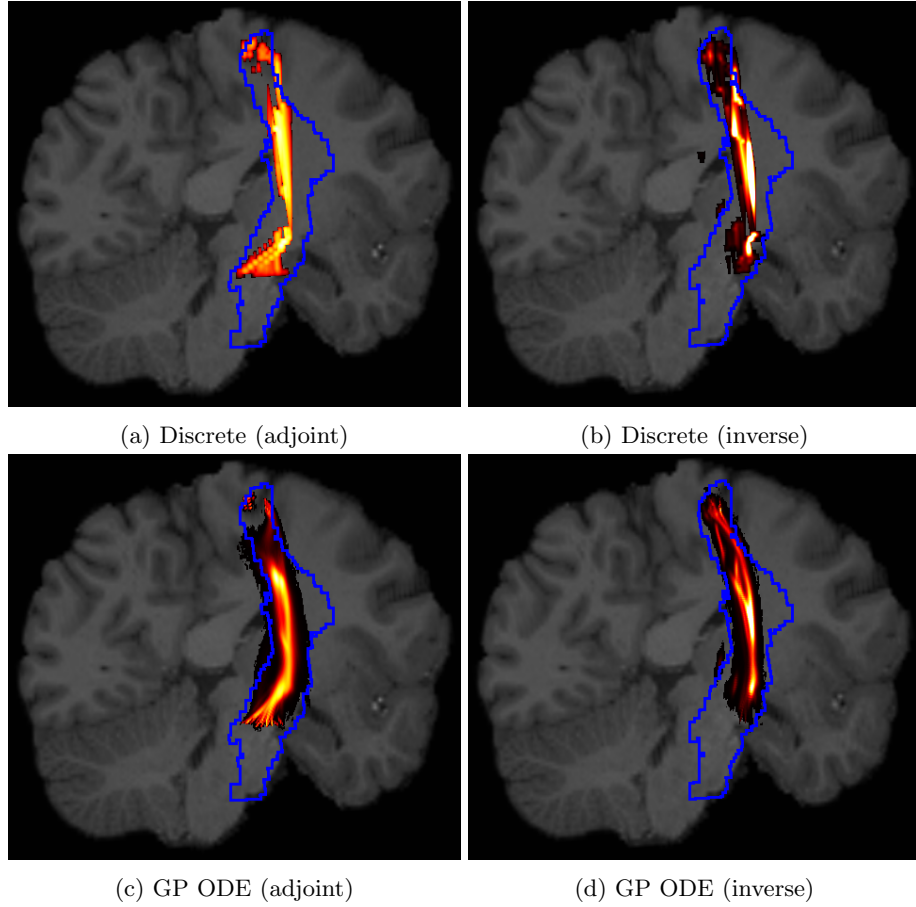


Fig. 2: Density of discrete (left) and continuous (right) paths using two different metrics. CST of the Catani atlas as defined by at least one expert as reference (blue). See main paper [4] for detailed description.

## References

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4. Schober, M., Kasenburg, N., Feragen, A., Hennig, P., Hauberg, S.: Probabilistic shortest path tractography in DTI using Gaussian Process ODE solvers. In: MICCAI (2014)