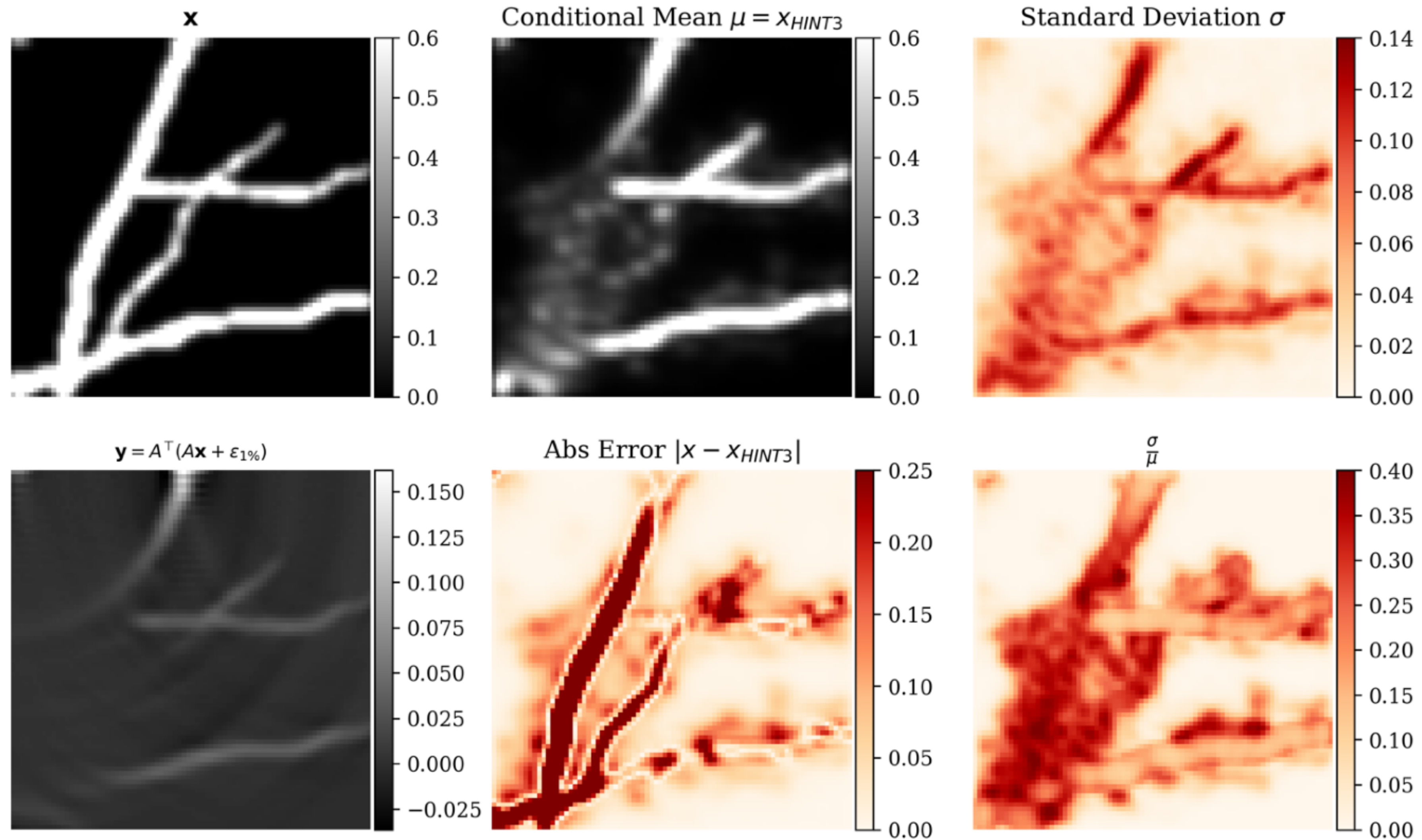# NF Results - Fully Data Driven

Pointwise statistics & error

For next lecture:

Specifics in how to build a normalizing flow

- Efficient computation of determinant Jacobian term

- Coupling layers

- Dimension mixing (1x1 convolutions from GLOW)

More advanced extensions of normalizing flows:

- Conditional Normalizing Flows -> HINT, cINN

- Continuous Normalizing Flows -> Neural ODEs, Ffjord