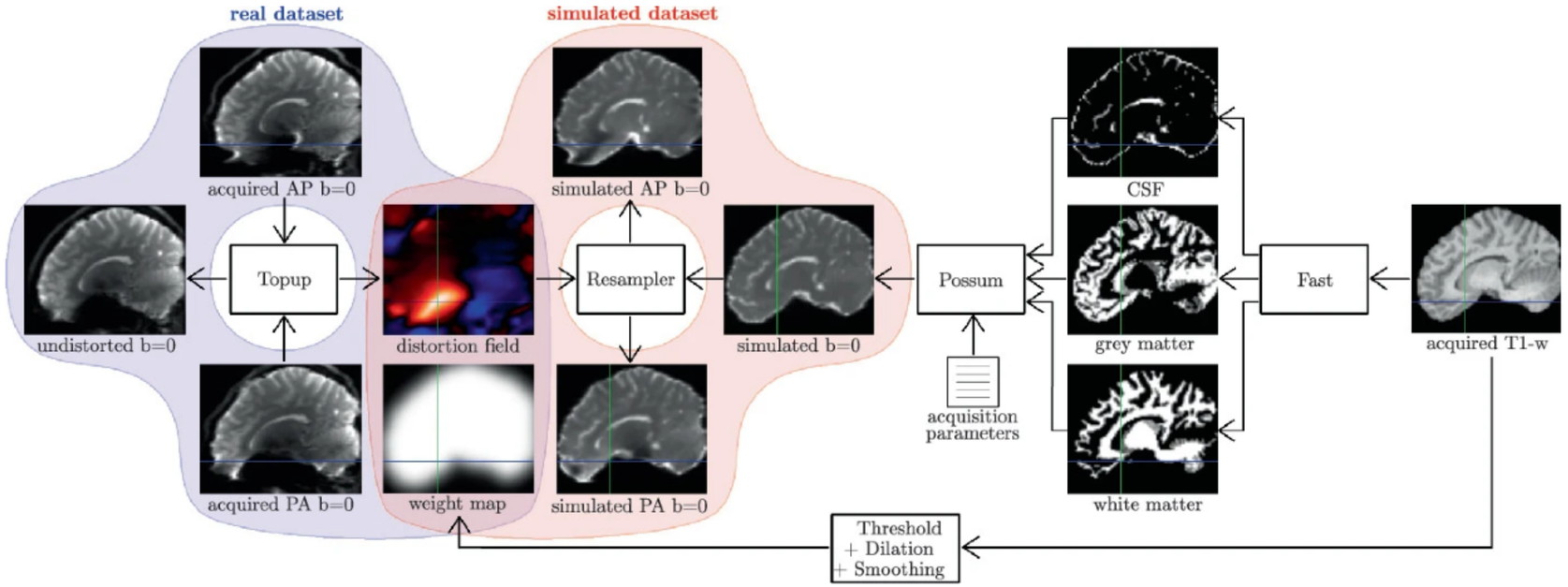
NOT (SO MANY) LABELS



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IT'S THE TIME TO DISCO

- Leverages existing TOPUP capability to train
- Much faster approach

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Synthesized b0 for diffusion distortion correction (Synb0-DisCo)

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Abstract

Diffusion magnetic resonance images typically suffer from spatial distortions due to susceptibility induced off-resonance fields, which may affect the geometric fidelity of the reconstructed volume and cause mismatches with anatomical images. State-of-the art susceptibility correction (for example, FSL's TOPUP algorithm) typically requires data acquired twice with reverse phase