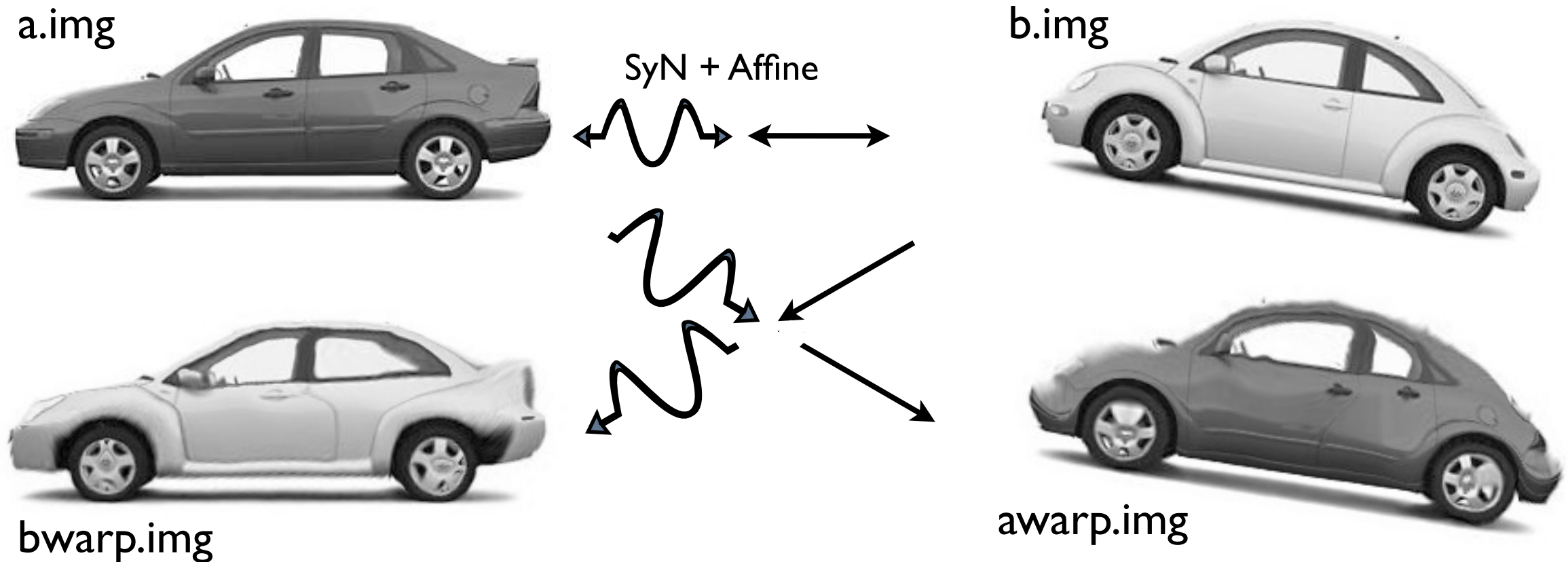


# Symmetric Diffeomorphic Mapping with ANTS

## Affine+ Diffeomorphic SyN



```
ANTS 2 -m PR[a.img,b.img,1,2] -i 100x100x10 -o ab.nii -t SyN[0.25] -r Gauss[3,0]
```

```
WarpImageMultiTransform 2 b.img bwarp.img -R a.img abWarp.nii abAffine.txt  
WarpImageMultiTransform 2 a.img awarp.img -R b.img -i abAffine.txt abInverseWarp.nii
```

**Outputs:** abAffine.txt (invertible and composable with the warps)  
abWarp.nii => abWarpXvec.nii & abWarpYvec.nii  
abInverseWarp.nii => abInverseWarpXvec.nii & abInverseWarpYvec.nii