S_{sparse} MLEM X_{sparse} **ImgNet** $X_{full-pred}$ **Forward Projection** S_{prior}

S_{mask} *Combination 1*   **SinoNet** S_{pred} *Combination 2* $S_{pred-combine}$

S_{sparse} + S_{mask} * S_{prior} = $S_{prior-combine}$

Combination 1

S_{sparse} + S_{mask} * S_{pred} = $S_{pred-combine}$

Combination 2