

Composite prediction

$$P_{comp} = P_{gt} + \epsilon_{comp}$$

SegNet
composite

SegNet
IRRG

activation maps

convolution + BN + ReLu

convolution + BN + ReLu

convolution + BN + ReLu

correction c

$\times 0.5$

+

Corrected
prediction

$$P' = P_0 + c + \frac{1}{2}(\epsilon_{irrg} + \epsilon_{comp})$$

IRRG prediction

$$P_{irrg} = P_{gt} + \epsilon_{irrg}$$