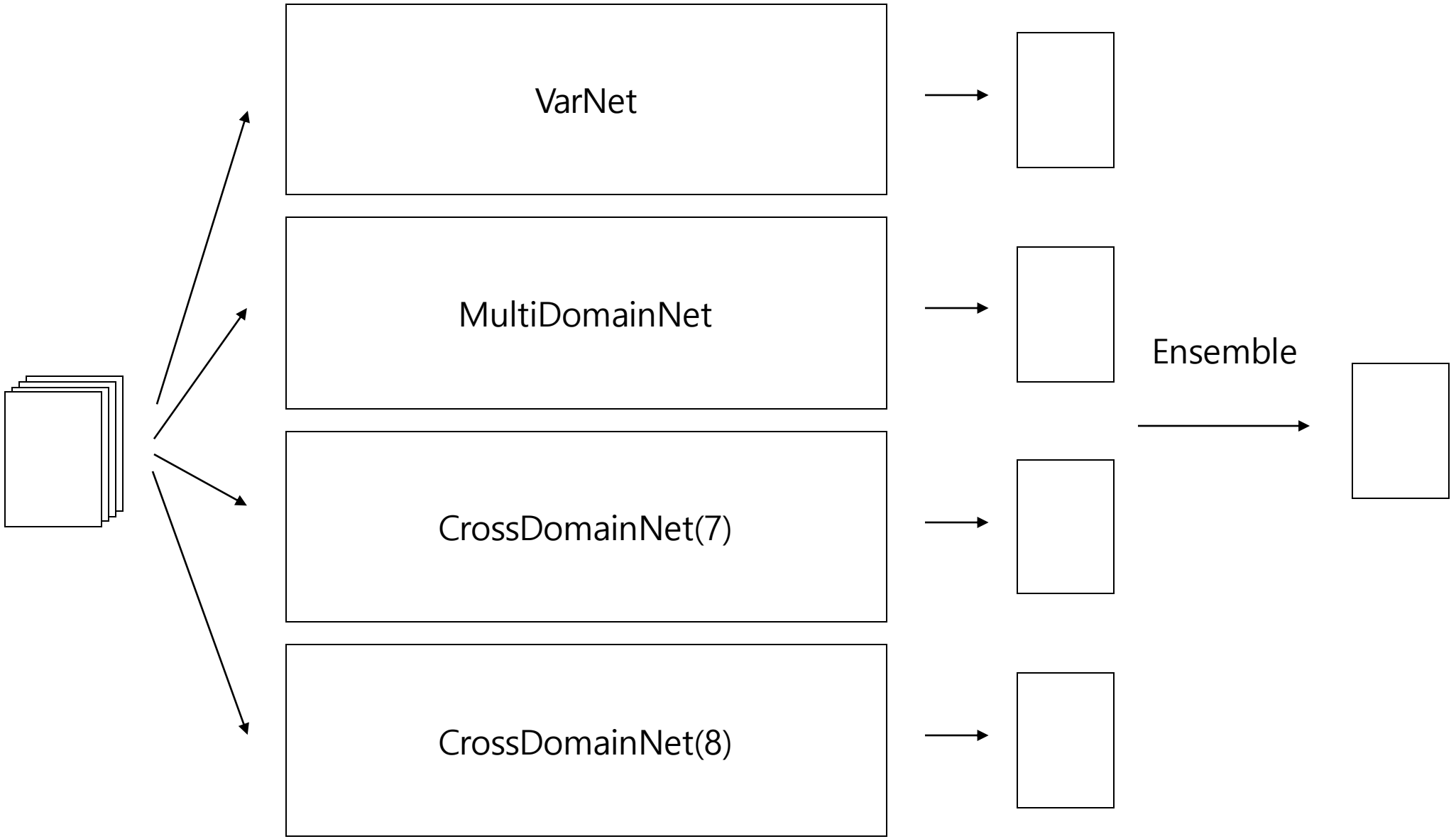
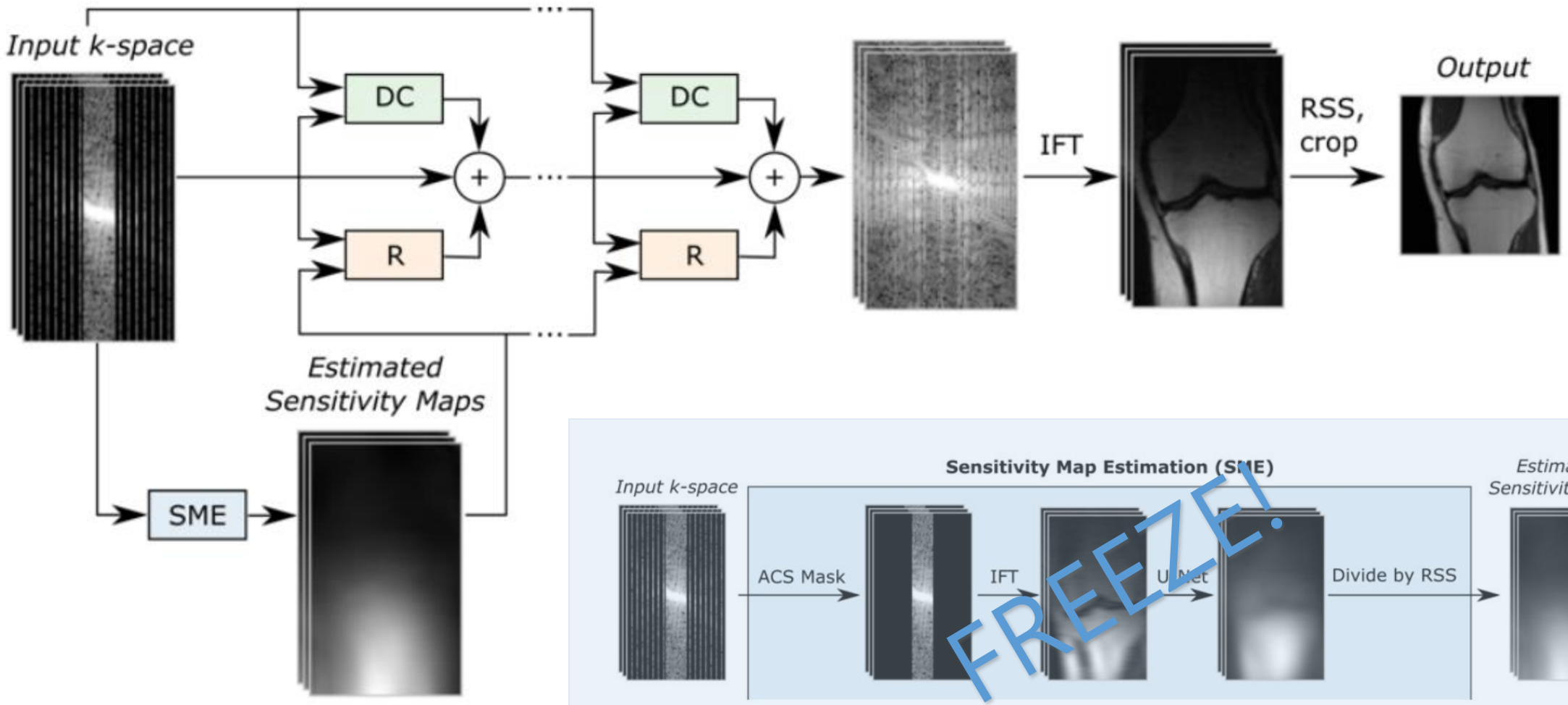
사지방

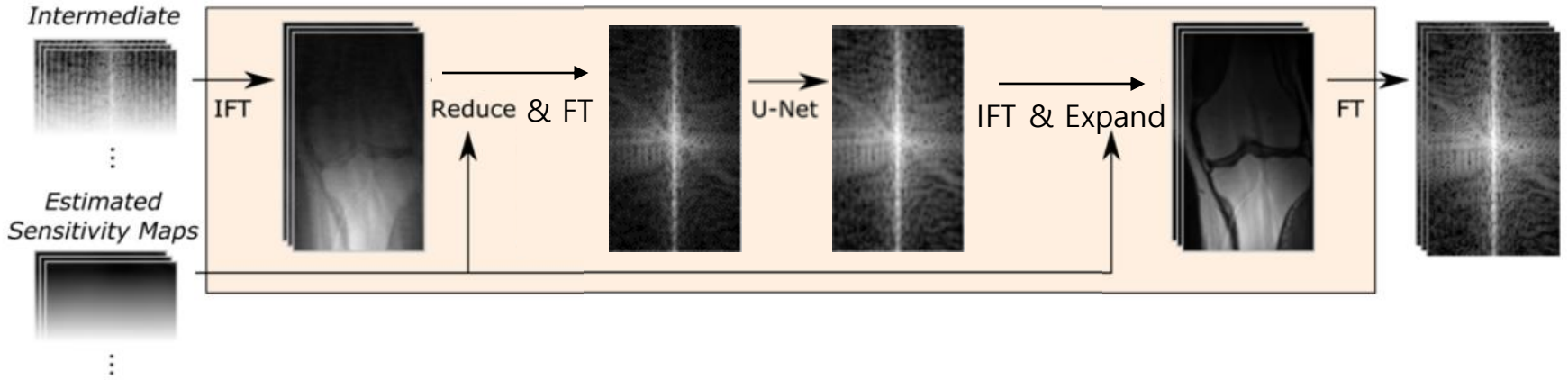
오경준 양재혁

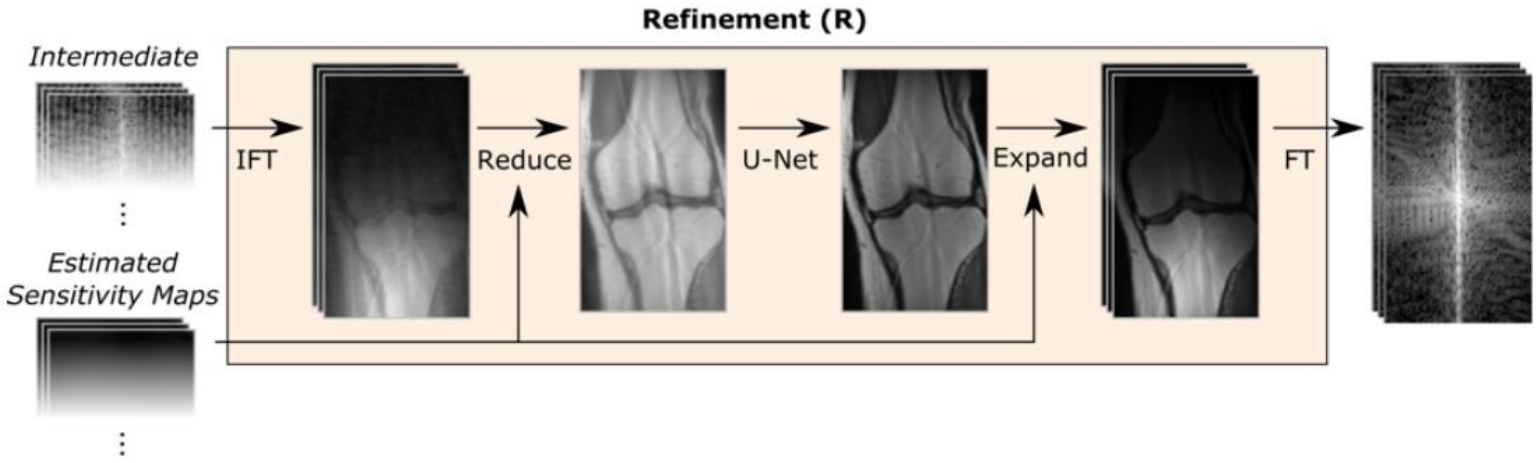

VarNet
MultiDomainNet
CrossDomainNet(7)
CrossDomainNet(8)
Ensemble

VarNet

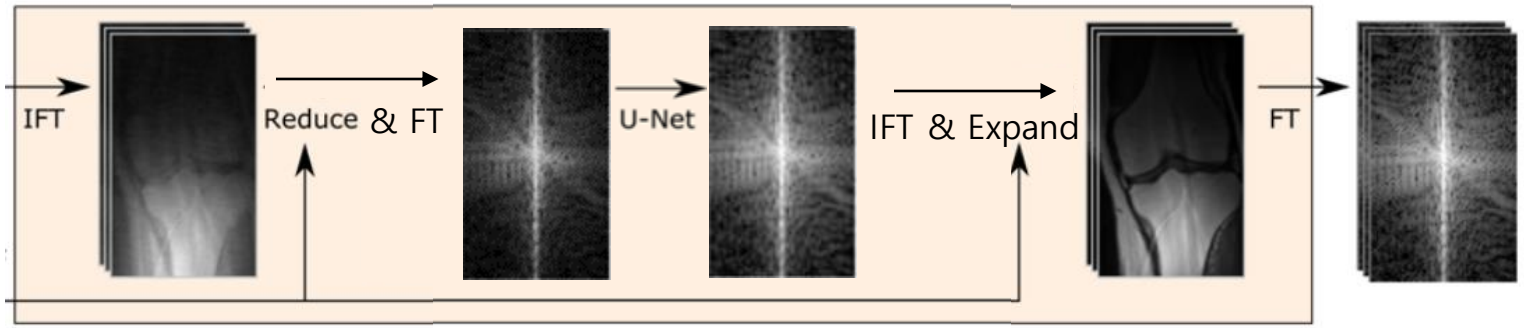

Input k-space
DC
R
DC
R
IFT
RSS, crop
Output
Estimated Sensitivity Maps
SME
Sensitivity Map Estimation (SME)
Input k-space
ACS Mask
IFT
U-Net
Divide by RSS
Estimated Sensitivity Maps
FREEZE!

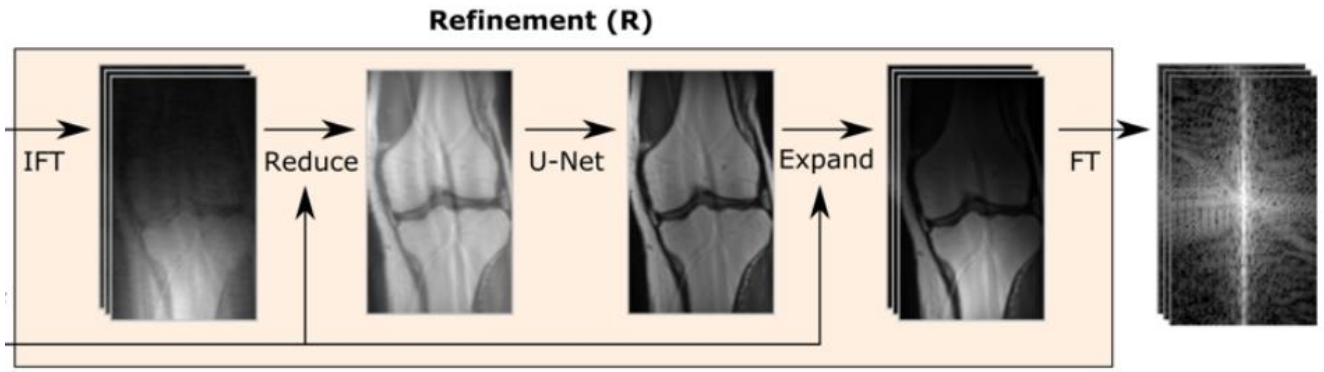
CrossDomainNet



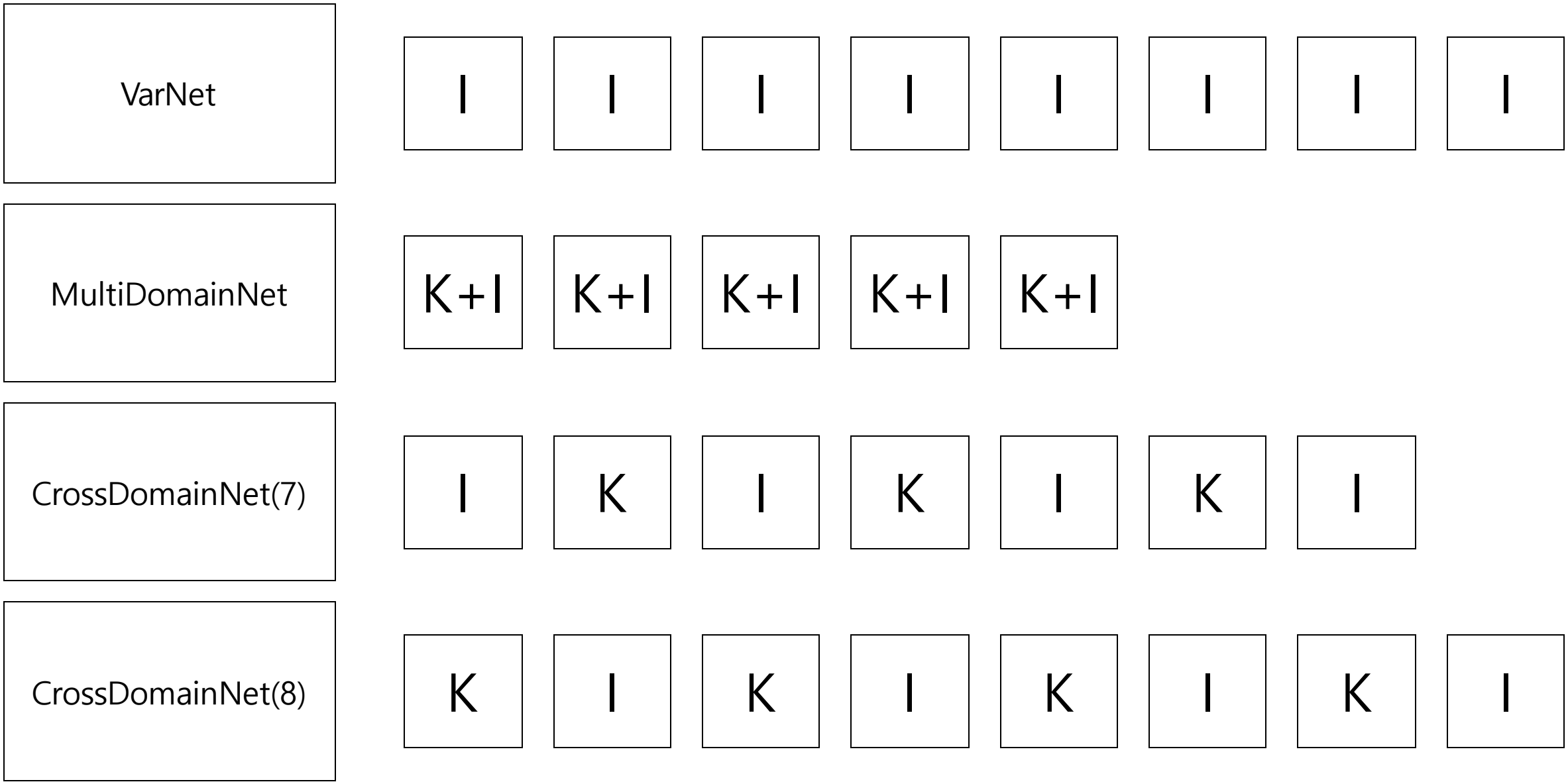


MultiDomainNet





$$\begin{aligned}\mathbf{x}_{k+1} = &(1 - 2\lambda_k^I \mu_k - 2\lambda_k^F \mu_k)\mathbf{x}_k \\ &+ 2\mu_k(\lambda_k^I \mathcal{D}_I(\mathbf{x}_k) + \lambda_k^F \mathcal{F}^{-1}\mathcal{D}_F(\mathbf{f})) \\ &- 2\mu_k \mathbf{A}^*(\mathbf{A}\mathbf{x}_k - \mathbf{b}),\end{aligned}$$


VarNet
I
I
I
I
I
I
I
I
MultiDomainNet
K+I
K+I
K+I
K+I
K+I
CrossDomainNet(7)
I
K
I
K
I
K
I
CrossDomainNet(8)
K
I
K
I
K
I
K
I