

Modality
Availability
Information

$\begin{bmatrix} \textcolor{red}{1} \\ \textcolor{orange}{0} \\ \textcolor{blue}{0} \\ \textcolor{green}{1} \end{bmatrix}$

Dispatch
Network

$\begin{bmatrix} 1 & 0 & 0 & 0 \\ D_{21} & 0 & 0 & D_{24} \\ D_{31} & 0 & 0 & D_{34} \\ 0 & 0 & 0 & 1 \end{bmatrix}$
 D^*

Constrained
Dispatch
Matrix

Soft Dispatch

Multi-modality
Input

\tilde{X}



0

0



Soft Dispatch
Outputs

S



Gating
Network

Expert₁

Expert₂

Expert₃

Expert₄

Expert
Features

Expert
Outputs

Weighting
Maps

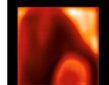


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Seg. Map

