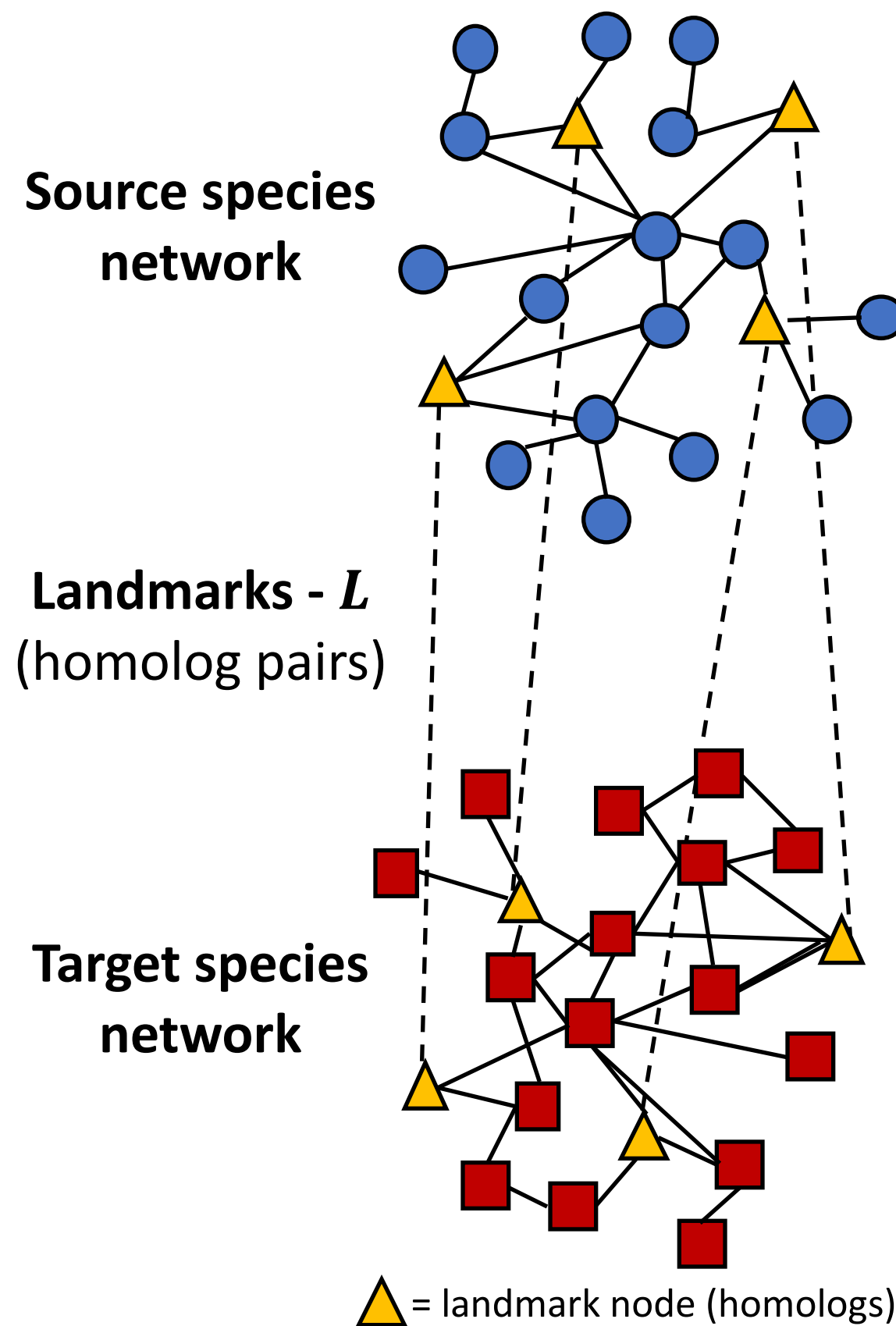


## Inputs



Graph kernel  
(regularized  
Laplacian)

Graph kernel  
(regularized  
Laplacian)

## MUNK (Multi-species Network Kernel) Algorithm

$n$

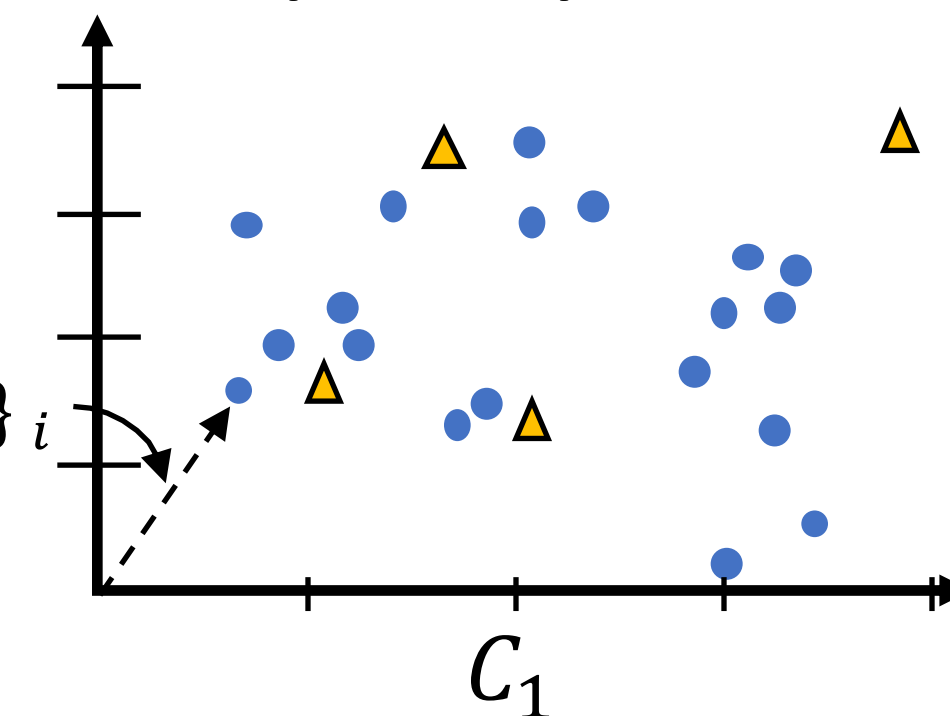
$$D_1 = C_1 C_1^T$$

$n$

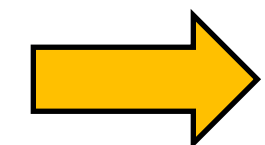
Factorize



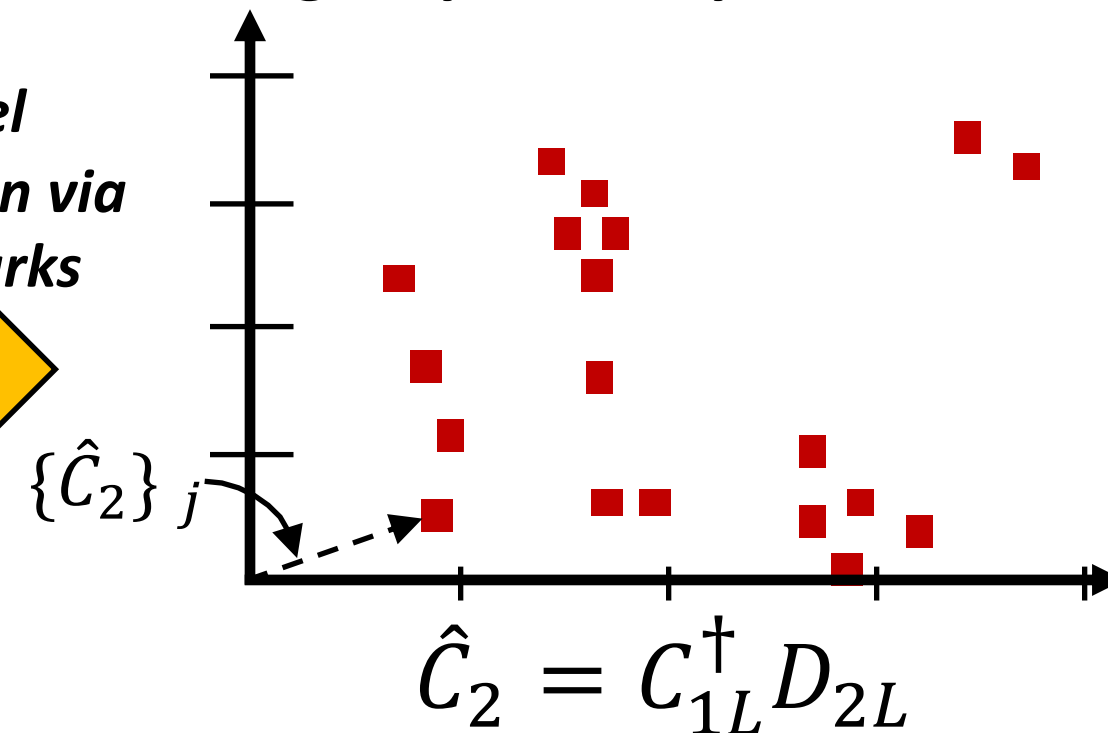
**Source species representations**



Kernel  
regression via  
landmarks

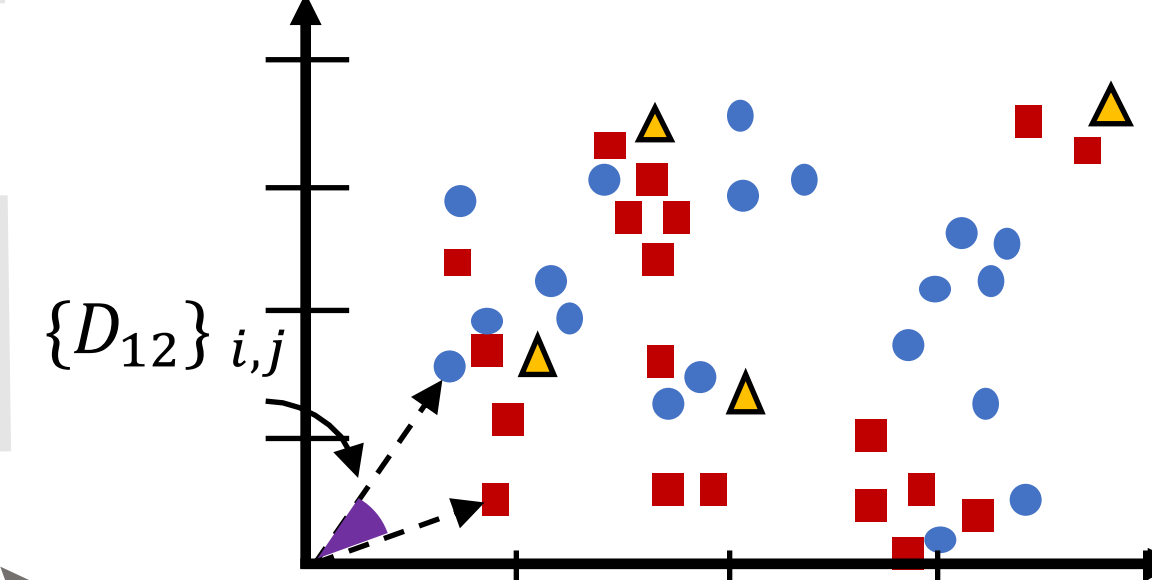


**Target species representations**



## Outputs

**Multi-species representations**



**MUNK similarity scores**

$n$

$$D_{12} = C_1 \hat{C}_2^T$$

$m$