

Patent  
documents

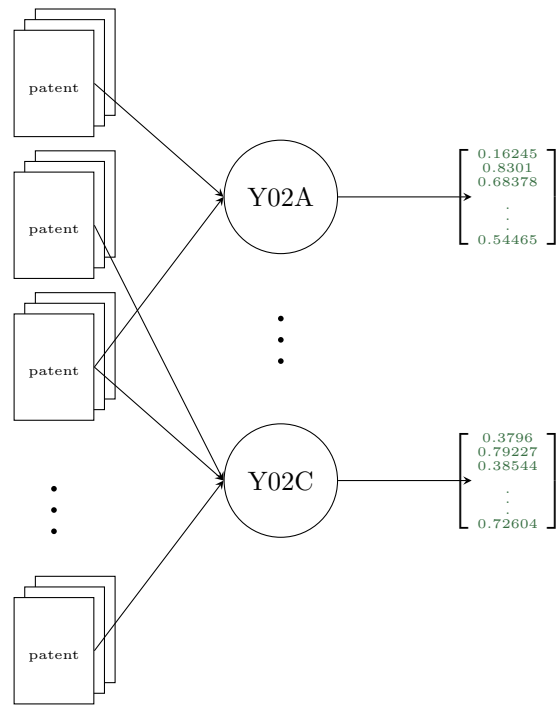
Technology  
classes  
 $t$

Technology  
embeddings  
 $\bar{X}_t$

**Technological  
proximity**  
 $\in [0, 1]$

Company  
embeddings  
 $\bar{Y}_c$

Company  
texts  
 $c$



$\begin{bmatrix} 0.49367 \\ 0.5409 \\ 0.1157 \\ \vdots \\ 0.36781 \end{bmatrix}$

$\begin{bmatrix} 0.6425 \\ 0.98666 \\ 0.47116 \\ \vdots \\ 0.5637 \end{bmatrix}$

$\begin{bmatrix} 0.63179 \\ 0.3197 \\ 0.07458 \\ \vdots \\ 0.47849 \end{bmatrix}$

$\begin{bmatrix} 0.91356 \\ 0.73181 \\ 0.65173 \\ \vdots \\ 0.03183 \end{bmatrix}$

$\begin{bmatrix} 0.79588 \\ 0.40134 \\ 0.12119 \\ \vdots \\ 0.43382 \end{bmatrix}$

