

User defined  
query  $q$

Successor  
 $q'$

Unknown  
SyDS

0  
1  
1  
:  
:  
0  
1



Propagation  
model over a  
network



1  
1  
0  
:  
:  
1  
1



Inference  
algorithm

Inferred  
propagation  
model

Adaptive querying

