

Cross-class neighborhood similarity of necessity-cora with  $\gamma=0$   
and edge homophily ratio  $h=0.08$

$0.99 \pm 0.01$	$0.05 \pm 0.04$	$0.49 \pm 0.07$	$0.01 \pm 0.01$	$0.01 \pm 0.02$	$0.46 \pm 0.06$	$0.05 \pm 0.04$
$0.05 \pm 0.04$	$0.99 \pm 0.01$	$0.07 \pm 0.06$	$0.5 \pm 0.08$	$0.0 \pm 0.01$	$0.0 \pm 0.01$	$0.49 \pm 0.05$
$0.49 \pm 0.07$	$0.07 \pm 0.06$	$0.99 \pm 0.04$	$0.1 \pm 0.07$	$0.52 \pm 0.07$	$0.0 \pm 0.01$	$0.0 \pm 0.01$
$0.01 \pm 0.01$	$0.5 \pm 0.08$	$0.1 \pm 0.07$	$0.97 \pm 0.04$	$0.09 \pm 0.06$	$0.52 \pm 0.08$	$0.01 \pm 0.02$
$0.01 \pm 0.02$	$0.0 \pm 0.01$	$0.52 \pm 0.07$	$0.09 \pm 0.06$	$0.99 \pm 0.02$	$0.06 \pm 0.04$	$0.47 \pm 0.06$
$0.46 \pm 0.06$	$0.0 \pm 0.01$	$0.0 \pm 0.01$	$0.52 \pm 0.08$	$0.06 \pm 0.04$	$0.99 \pm 0.01$	$0.04 \pm 0.02$
$0.05 \pm 0.04$	$0.49 \pm 0.05$	$0.0 \pm 0.01$	$0.01 \pm 0.02$	$0.47 \pm 0.06$	$0.04 \pm 0.02$	$1.0 \pm 0.01$