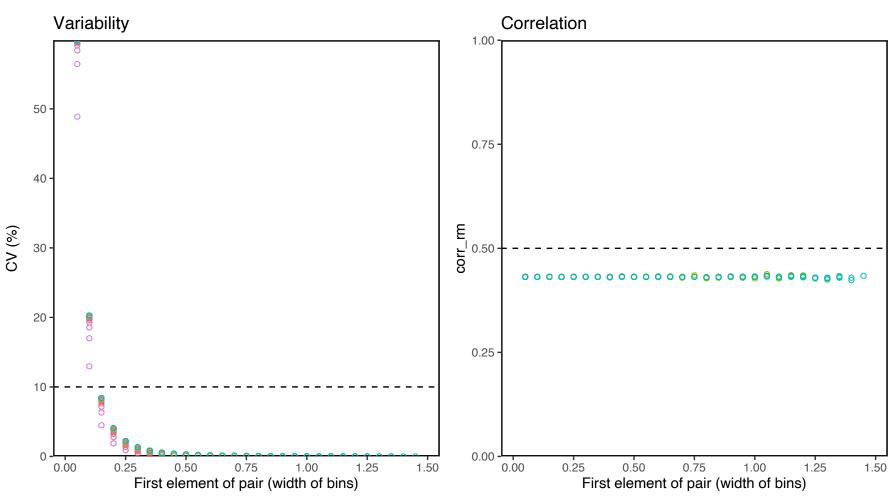
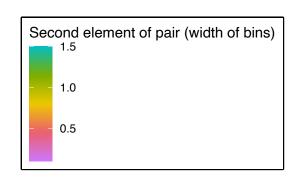
## glcm ClusterShade

Robustness: Conditionally robust Operational range: Present Feature correctability: Correctable

## Feature variability and correlation against parameter across pairwise combinations of width of bins





## Overall robustness across pairwise combinations of width of bins

 $\boxtimes$ 

1.40 -	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
1.35	$\boxtimes$	$\boxtimes$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0
1.30 -	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
1.25 -	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
1.20 -	$\boxtimes$	$\boxtimes$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
1.15 -	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0
1.10 -	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
1.05 -	Ø	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
1.00	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
Second element of pair (width of bins) 0.80 0.80 0.75 0.80 0.60 0.60 0.60 0.60 0.60 0.60 0.60	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
다 0.90 -	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0
<u>S</u> 0.85	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
pair - 08.0	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
₹ 0.75 ·	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.70	70 - 🛭	$\boxtimes$	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.65	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.60	$\boxtimes$	$\boxtimes$	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ഗ് 0.55 -	$\boxtimes$	Ø	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.50 -	Ø	$\boxtimes$	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.45	$\boxtimes$	$\boxtimes$	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.40	Ø	$\boxtimes$	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.35	$\boxtimes$	$\boxtimes$	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.30 -	Ø	$\boxtimes$	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.25 -	$\boxtimes$	$\boxtimes$	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.20 -	Ø	$\boxtimes$	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.15	Ø	$\boxtimes$		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.10 -	Ø		Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	$\boxtimes$	Ø	Ø	Ø	Ø	$\boxtimes$	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	$\boxtimes$
0.05 -		$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$										
	0.05	0.10	0.15	0.20	0.25	0:30	0.35	0.40	0.45	0.50	0.55	'09: First	eler	02. nent	of p	08.0 air (	widtl	n of I	0:95, oins)	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50

