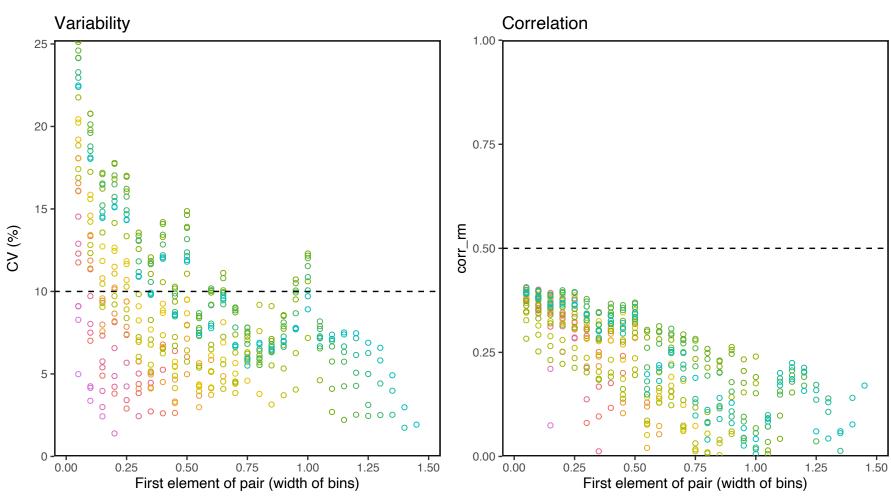
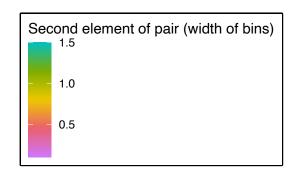
## ngtdm Coarseness

Robustness: Conditionally robust
Operational range: Present
Feature correctability: Not correctable

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





## Overall robustness across pairwise combinations of width of bins

 $\boxtimes$ 

 $\boxtimes$ 

1.40 -	$\boxtimes$	$\boxtimes$	Ø	$\boxtimes$	Ø	Ø	0	Ø	0	Ø	0	0	0	0	0	0	0	0	0	88	0	0	0	0	0	0	0		0	0	
1.35 -	Ø	$\boxtimes$	Ø	$\boxtimes$	$\boxtimes$	Ø	Ø	$\boxtimes$	0	×	0	0	0	0	0	0	0	0	0	88	0	0	0	0	0	0		0	0	0	
1.30 -	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	Ø	Ø	Ø	0	×	0	Ø	0	0	0	0	0	0	0	×	0	0	0	0	0		0	0	0	0	
1.25 -	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	Ø	$\boxtimes$	0	×	0	Ø	0	0	0	0	0	0	×	×	0	0	0	0		0	0	0	0	0	
1.20 -	$\boxtimes$	$\boxtimes$	Ø	Ø	Ø	Ø	Ø	Ø	Ø	×	0	Ø	Ø	0	0	0	0	0	Ø	Ø	0	0	0		0	0	0	0	0	0	
1.15 -	$\boxtimes$	$\boxtimes$	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	0	0	×	0	0	0	0	0	Ø	Ø	0	0		0	0	0	0	0	0	0	
1.10 -	$\boxtimes$	Ø	Ø	$\boxtimes$	Ø	Ø	Ø	Ø	0	Ø	0	0	×	0	0	0	0	0	0	Ø	0		0	0	0	0	0	0	0	0	
1.05 -	Ø	Ø	Ø	Ø	Ø	0	0	Ø	0	Ø	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	
(n) 1.00 -	Ø	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	Ø	Ø	Ø	Ø	×	8	88	0	0	
(width of bins) 0.95	Ø	Ø	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	Ø	Ø	×	0	0	0	0	0	
0.90	Ø	Ø	Ø	Ø	Ø	0	0	0	0	0	0	0	0	0	o	0	0		0	0	0	0	0	0	0	0	0	0	0	0	
0.85	Ø	$\boxtimes$	Ø	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0	0		۰	0	0	0	0	0	0	0	0	0	0	0	0	
. 08.0 <u>a</u>	Ø	Ø	Ø	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0	0		0	0	0	o	0	0	0	0	0	0	0	0	0	0	
Second element of 0.70 - 0.65 - 0.60	Ø	$\boxtimes$	Ø	Ø	Ø	0	0	0	0	0	0	0	0	0		0	0	o	0	0	0	0	0	0	0	0	0	0	0	0	
0.70	Ø	Ø	0	$\boxtimes$	0	0	0	0	0	0	o	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<u>0</u> 0.65	Ø	Ø	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	Ø	Ø	Ø	0	0	0	0	0	0	
0.60	$\boxtimes$	Ø	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	×	Ø	Ø	0	0	0	0	
ഗ 0.55 -	$\boxtimes$	Ø	0	X	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 -	$\boxtimes$	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	Ø	Ø	Ø	Ø	Ø	Ø	Ø	$\boxtimes$	Ø	Ø	رام
0.45 -	$\boxtimes$	Ø	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	×	$\boxtimes$	0	0	0	0	0	0	(rescaled)
0.40 -	Ø	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	Ø	Ø	Ø	Ø	Ø	Ø	Ø	$\boxtimes$	Ø	Ø	ا م
0.35 -	$\boxtimes$	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	×	$\boxtimes$	Ø	Ø	Ø	$\boxtimes$	0	0	0	2
0.30 -	Ø	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	×	Ø	Ø	$\boxtimes$	Ø	Ø	$\boxtimes$	Ø	Ø	1
0.25 -	0	0	0	0		0	0	0	0	0	0	0	0	0	Ø	Ø	Ø	$\boxtimes$	0	0	Ø	Ø	$\boxtimes$	Ø	Feati						
0.20 -	0	0	0		0	0	0	0	0	0	Ø	0	0	Ø	Ø	Ø	Ø	Ø	0	0	×	Ø	Ø	Ø	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	$\boxtimes$	
0.15	0	0		0	0	0	0	0	0	0	0	0	0	0	Ø	Ø	Ø	Ø	0	0	Ø	Ø	Ø	Ø	Ø	$\boxtimes$	Ø	$\boxtimes$	Ø	$\boxtimes$	
0.10 -	0		0	0	0	0	0	0	Ø	0	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	$\boxtimes$	Ø	Ø	Ø	Ø	
0.05 -		0	0	0	0	Ø	Ø	Ø	$\boxtimes$	Ø	Ø	Ø	Ø	Ø	$\boxtimes$	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	$\boxtimes$	$\boxtimes$	Ø	$\boxtimes$	$\boxtimes$	
	0.05	0.10	0.15	0.20	0.25	0:30	0.35	0.40	0.45	0.50	0.55	' 990 First	eler	nent	of b	08:0 air (	width	6. n of I	) oins)	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	

