				15% CS				
	PCCC	PCCC-R	COPKM	CSC	DILS	LCC	KMEANS	$\operatorname{GT}$
Dataset								
Appendicitis	612.9	612.9	_	612.9	613.8	730.3	451.8	612.9
Breast	12,214.6	$12,\!214.6$	$12,\!214.6$	$16,\!270.2$	$12,\!214.6$	$12,\!214.6$	$11,\!595.7$	$12,\!214.6$
Cancer								
Bupa	2,047.3	2,047.3	2,047.3	1,818.8	2,047.3	_	$1,\!496.1$	2,047.3
Circles	600.0	600.0	600.0	600.0	600.0	600.0	410.4	600.0
Ecoli	$1,\!028.1$	$1,\!028.1$	_	$1,\!661.7$	$1,\!853.7$	1,032.2	703.6	$1,\!335.3$
Glass	1,312.3	$1,\!266.2$	_	$1,\!571.1$	1,690.4	1,283.0	811.2	$1,\!429.3$
Haberman	891.4	891.4	891.4	$\boldsymbol{870.2}$	891.4	892.3	701.4	891.4
Hayesroth	553.1	$\boldsymbol{553.1}$	_	624.8	602.6	575.7	425.9	553.5
Heart	$3,\!120.5$	$3,\!120.5$	$3,\!120.5$	$3,\!107.3$	$3,\!120.5$	$3,\!169.0$	2,941.9	$3,\!120.5$
Ionosphere	10,971.5	$10,\!971.5$	$10,\!971.5$	$11,\!275.2$	10,971.5	$10,\!971.5$	9,086.0	10,971.5
Iris	141.2	141.0	141.2	204.8	220.4	141.0	141.2	167.9
Led7Digit	$1,\!449.6$	$1,\!449.6$	_	$3,\!271.0$	2,912.9	_	1,103.6	$1,\!511.4$
Monk2	2,384.3	$2,\!384.3$	$2,\!384.3$	$2,\!374.9$	2,384.3	$2,\!384.3$	$2,\!306.5$	$2,\!384.3$
Moons	322.9	$\boldsymbol{322.9}$	322.9	322.9	322.9	377.8	249.7	322.9
Movement	$15,\!869.2$	$15,\!642.7$	17,765.9	$29,\!485.0$	$26,\!427.9$	$15,\!601.2$	$10,\!433.8$	19,779.5
Libras								
Newthyroid	$\boldsymbol{550.9}$	$\boldsymbol{550.9}$	$\boldsymbol{550.9}$	880.6	587.4	699.6	462.3	550.9
Saheart	3,927.7	3,927.7	3,927.7	$3,\!824.2$	3,927.7	_	$3,\!235.8$	3,927.7
Sonar	11,962.9	11,962.9	_	$12,\!166.3$	11,962.9	$12,\!096.2$	10,649.6	11,962.9
Soybean	367.1	367.1	367.1	852.0	520.6	367.1	367.1	367.1
Spectfheart	$11,\!268.3$	$11,\!268.3$	$11,\!281.1$	$10,\!276.8$	$11,\!268.3$	$11,\!268.3$	8,983.9	$11,\!268.3$
Spiral	564.5	564.5	_	563.3	564.5	564.6	379.7	564.5
Tae	684.3	684.3	_	706.9	692.6	699.6	480.1	713.8
Vehicle	$13,\!334.2$	$13,\!334.2$	$13,\!334.2$	$13,\!156.4$	$13,\!452.4$	_	5,980.7	$13,\!334.2$
Wine	$1,\!285.1$	$1,\!285.1$	$1,\!285.1$	1,653.0	1,677.0	1,319.0	$1,\!279.7$	$1,\!300.0$
Zoo	555.6	555.6	575.8	1,190.9	783.6	557.2	527.2	579.6
Mean	3,920.8	3,909.9		4,773.7	4,492.4	_	3,008.2	$4,\!100.5$

Table W11: Minimum Inertia values of the PCCC and the PCCC-R algorithms and the four state-of-the-art algorithms (COPKM, CSC, DILS, LCC) for the constraint sets of size 15% CS. Lower values indicate more coherent clusters. The lowest values are stated in bold. The column KMEANS reports the minimum inertia value obtained with the k-means algorithm. The hyphen indicates that the respective algorithm returned no solution within the time limit of 1,800 seconds.