The student ID of the student whose paper you are grading *

24978168						
Writeup						
Readability and	grammar	of writte	n report	(5 points	*) *	
	1	2	3	4	5	
Difficult to read and/or poor grammar	0	0		0		Clearly written and excellent grammar
Level of written or runtime (3 points		comparis	on of R	and C++	impleme	ntation and
	0	1		2	3	
Did not write about a comparison of the R and C++ implementation	0	0				Wrote a detailed comparison between the R and C++ implementations
R and C++ code						
Review the code writter just give a grade and sa	-	-	't sure of th	e correctnes	s of the impl	ementation, that's fine,
Correctly coded R/C++ (3 points)	-	lelization	of k-me	ans and _l	pairwise	similarity in
	0	1		2	3	
incorrect implementation	\bigcirc	\circ			\bigcirc	seems correct to me

11/10/2017 Lab 3 peer grading

Comments on implementation of parallelization or the similarity measure?

The R implementation was not provided, but the C++ implementation looks correct.

Efficiency and pra	acticality of R	and C++ code (3 points) *	
	1	2	3	
inneficient (e.g. repeated computations unnecessarily, saved objects unnecessarily, etc)				very efficient and practical
Suggestions for i	mproving *ef	ficiency* of R an	d/or C++ co	de *
Perform the calculati	on of `corr` in lo	g space to avoid over	rflow	
Does the author spoints) * Consistent spaci "), and after com	ng before and a	llowing code read		,
No line of code e	exceeds 80 chara	acters		
Consistent varial	ole naming (wor	ds always separated	by one of "_" or	".")
Clarity of variable	e names (2 po	oints) *		
	0	1	2	
variable names are unclear and meaningless (eg `df`, `x`, `data2`, etc)				variable names are helpful and unambiguous

comments lain clearly at is being le and why
lain clearly at is being
0 columns (
oulto ANI
sults ANE points) *
ything was provided
r

Optional comments on folder structure and files provided (please provide comments if you docked points for any reason)

You could have provided the code for computing similarity in R as well as for generating the R vs C++ benchmarks reported in `kmeans_corr_results.txt`



Correctly produce	ed Ben-Hı	ur-type figure	es (3 points	s) *	
	0	1	2	3	
Did not provide a figure like Ben- Hur	0	0	0		Figures look correct
If the Ben-Hur fig	ures do n	ot look corre	ect, what is	wrong?	
Quality of Ben-Hu	ır Figure 3	3 replication	figures (3 p	ooints) *	
	0	1	2	3	
Did not provide a figure like Ben- Hur	0		0	•	Provided clear and visually appealing figures
Discuss one (or r	nore) thir	igs that you	liked about	the author	's Ben-Hur
Good use of ggplot!					
Discuss one (or r Hur figures *	·		·		author's Ben-
In the legend of the C	DF plots, us	se "number of c	lusters" instea	nd of "k"	

Justification of conclusions drawn from the Ben-Hur-type figures (3 points)

* 0 3 2 Did not write Clearly outlined interpretations of about any conclusions the figures and drawn from the drew reasonable figures conclusions (e.g. found k = 3, or some other value, is the best and provides reasons why) Comments on the conclusions and interpretations of the Ben-Hur type figures * Both the histograms and CDF make this really clear! Conclusion Provide concluding comments One or more things that you thought was well done overall * Your code is really neat and modular, and your comments are very helpful. One or more things that could be improved upon overall * You could have included the code to reproduce the benchmarks.

Any other comments that you would like to add?

This form was created inside of UC Berkeley.

Google Forms