Package 'CWUKNN'

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Version 0.1.0			
Title CWU Multiplatform KNN Implementation Description Information Energy Computation which is sped up though the use of parallel computing in C++/CUDA. Author CWU Computational Statistics Maintainer Ryan Gallagher <rygall75@gmail.com> License GPL-3 Encoding UTF-8</rygall75@gmail.com>			
		Imports Rcpp	
		LinkingTo Rcpp	
		RoxygenNote 7.3.2	2
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Compute_IE	Compute Information Energy using KNN		
Description			
This function ca	alls the exported C++ function 'KNN' directly.		
Usage			
Compute_IE(da	ata_x, data_y, K, mode = "cpp", precision = "float")		
Arguments			
data_x	Numeric vector representing the first data set.		
data_y	Numeric vector representing the second data set.		
K	Integer specifying the number of neighbors.		
mode	Character string specifying the mode ("cpp", "cuda", or "openCL"). Defaults to "cpp".		
precision	Character string specifying the precision ("float" or "double"). Defaults to "float".		

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Value

The result returned by the native C++ function.

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