

Supplementary Materials:

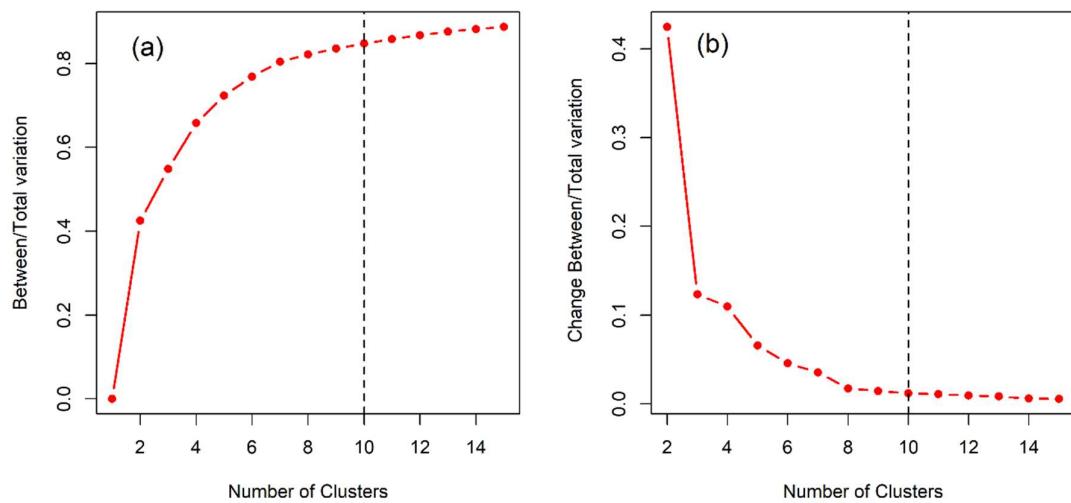


Figure S1. Number of clusters for the k-means classification methods and their ratio between cluster and total variation (a) and the change between such ratio (b).

Table S1. Variables used in the analyses

	Variables	Description
Landsat	1. Band 1	Median reflectance values of Landsat band 1
	2. Band 2	Median reflectance values of Landsat band 2
	3. Band 3	Median reflectance values of Landsat band 3
	4. Band 4	Median reflectance values of Landsat band 4
	5. Band 5	Median reflectance values of Landsat band 5
	6. Band 7	Median reflectance values of Landsat band 7
Environmental	7. Bio1	Annual Mean Temperature
	8. Bio2	Mean Diurnal Range
	9. Bio3	Isothermality
	10. Bio4	Temperature Seasonality
	11. Bio5	Maximum Temperature of Warmest Month
	12. Bio6	Minimum Temperature of Coldest Month
	13. Bio7	Temperature Annual Range
	14. Bio8	Mean Temperature of Wettest Quarter
	15. Bio9	Mean Temperature of Driest Quarter
	16. Bio10	Mean Temperature of Warmest Quarter
	17. Bio11	Mean Temperature of Coldest Quarter
	18. Bio12	Annual Precipitation
	19. Bio13	Precipitation of Wettest Month
	20. Bio14	Precipitation of Driest Month
	21. Bio15	Precipitation Seasonality
	22. Bio16	Precipitation of Wettest Quarter
	23. Bio17	Precipitation of Driest Quarter
	24. Bio18	Precipitation of Warmest Quarter
	25. Bio19	Precipitation of Coldest Quarter
	26. CEC	Cation Exchange Capacity
	27. DEM	Digital Elevation Model