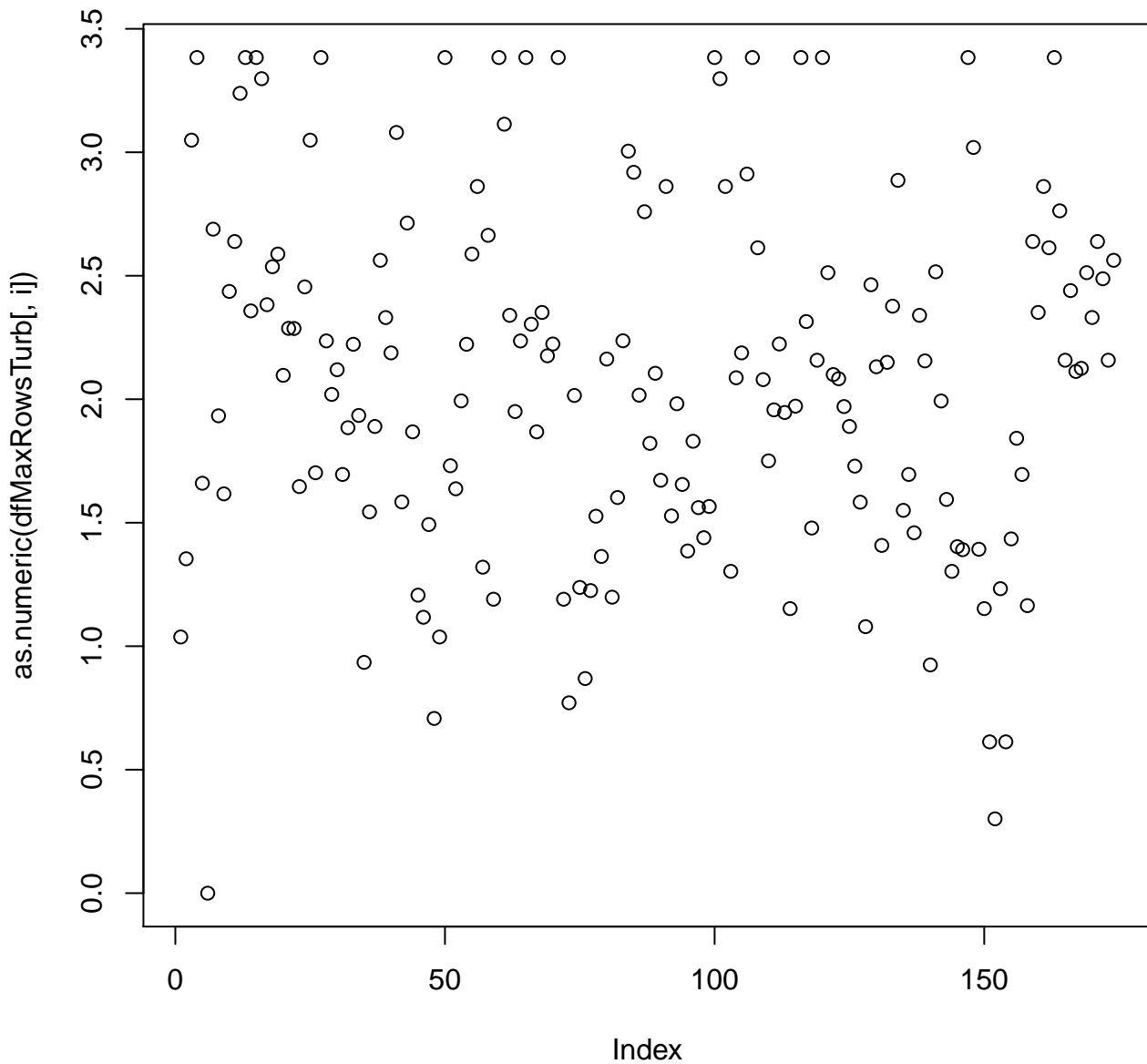
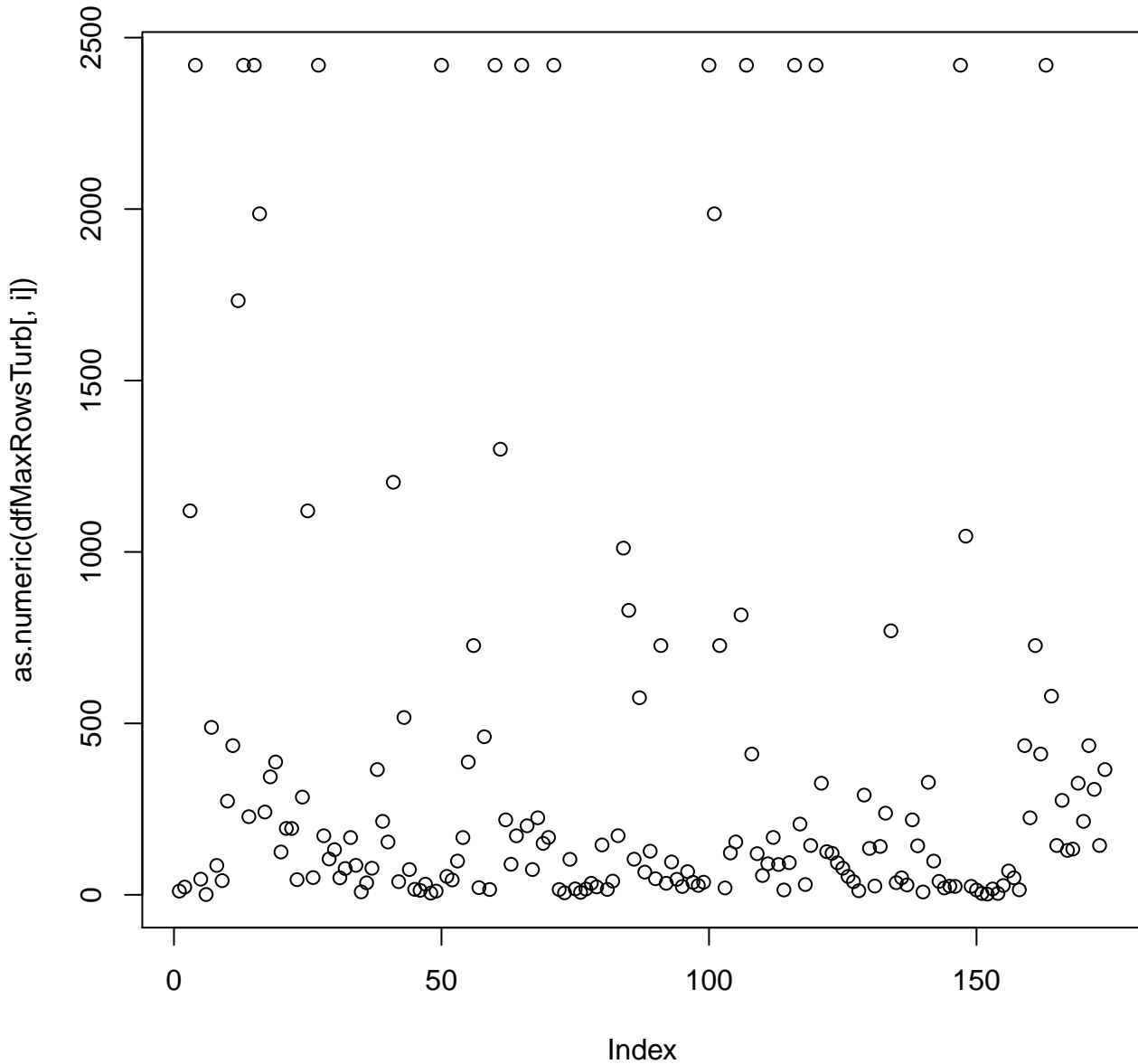


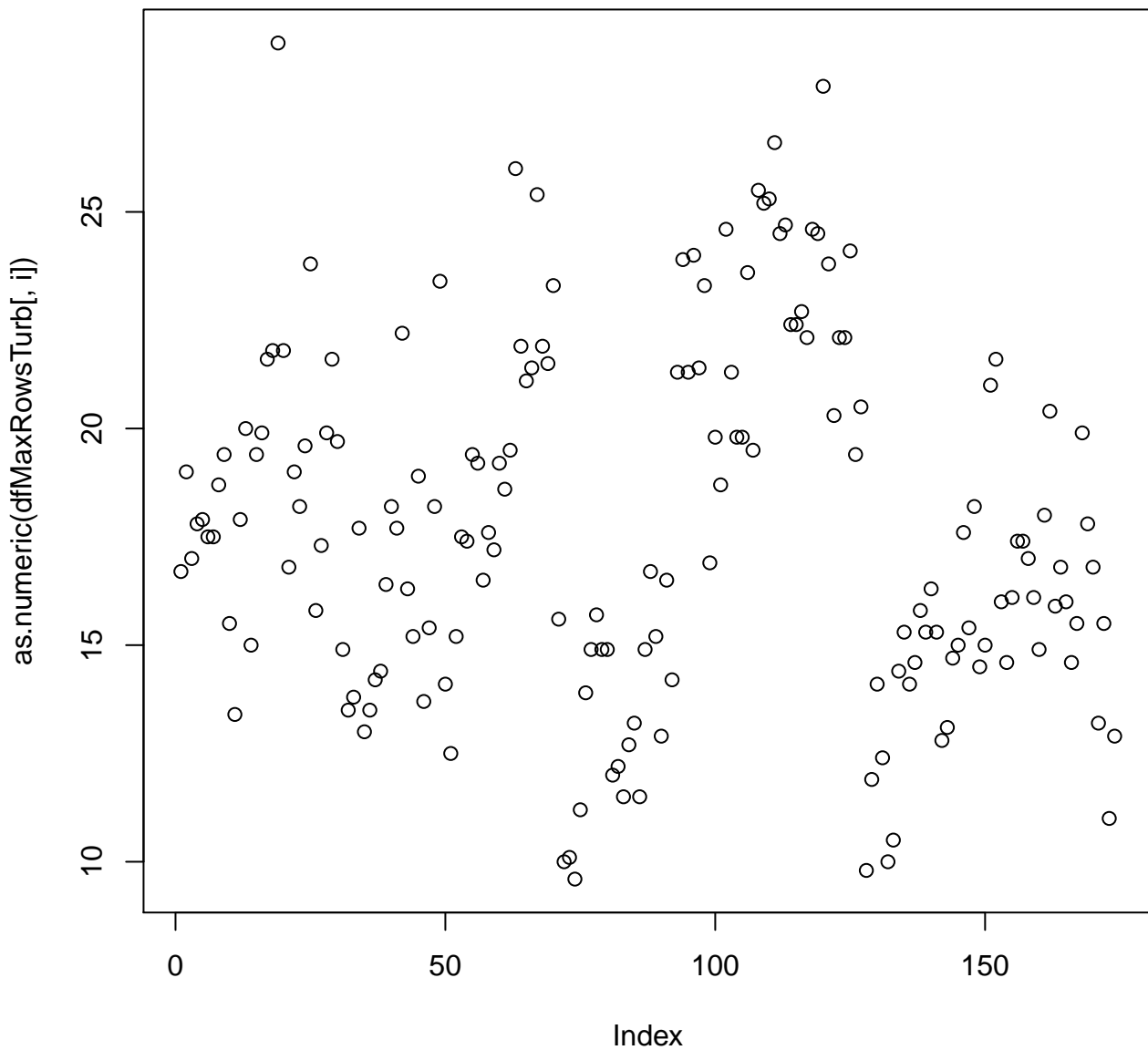
# log\_beach\_EColi



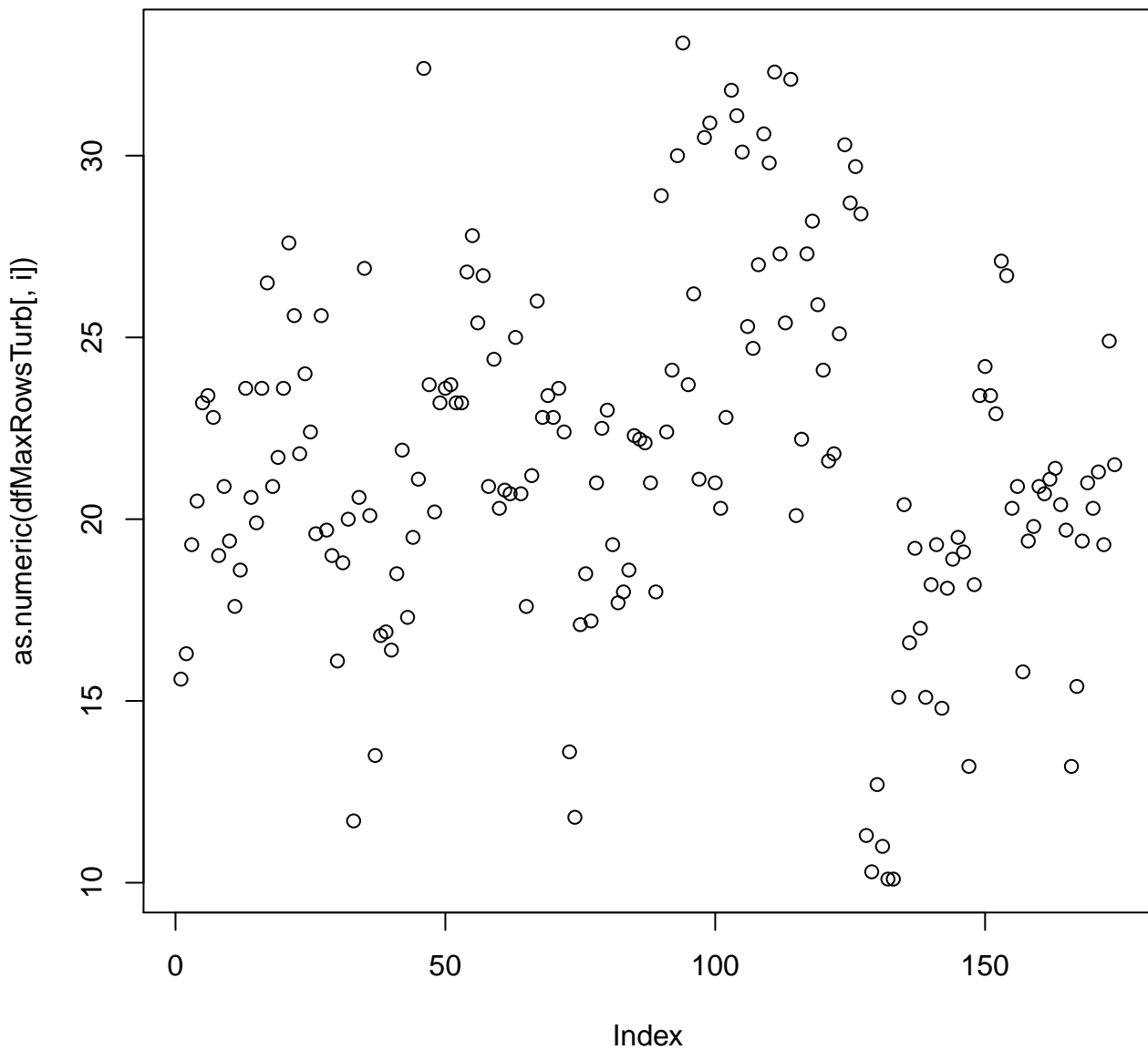
# beach\_EColiValue



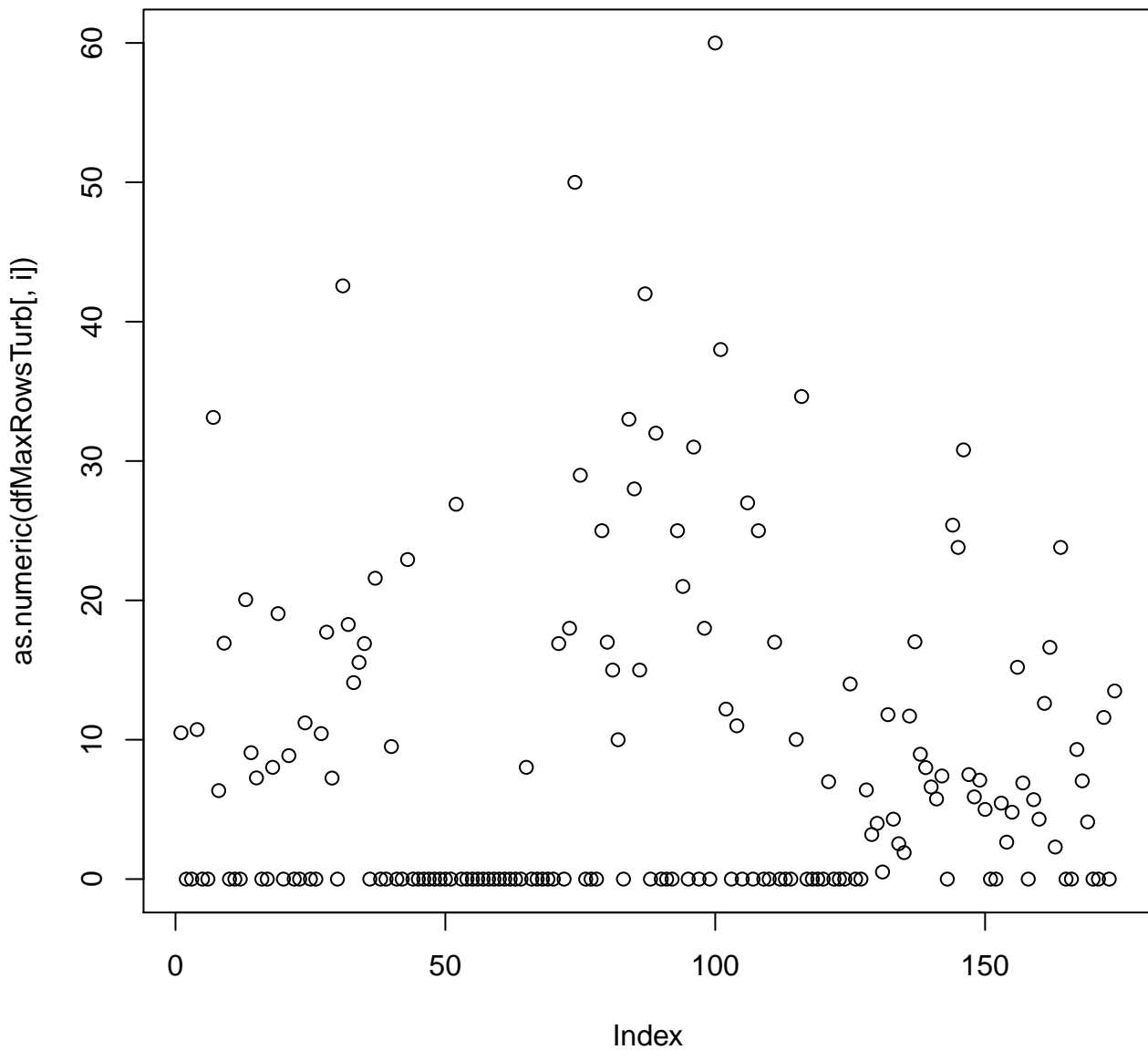
# beach\_WaterTemp



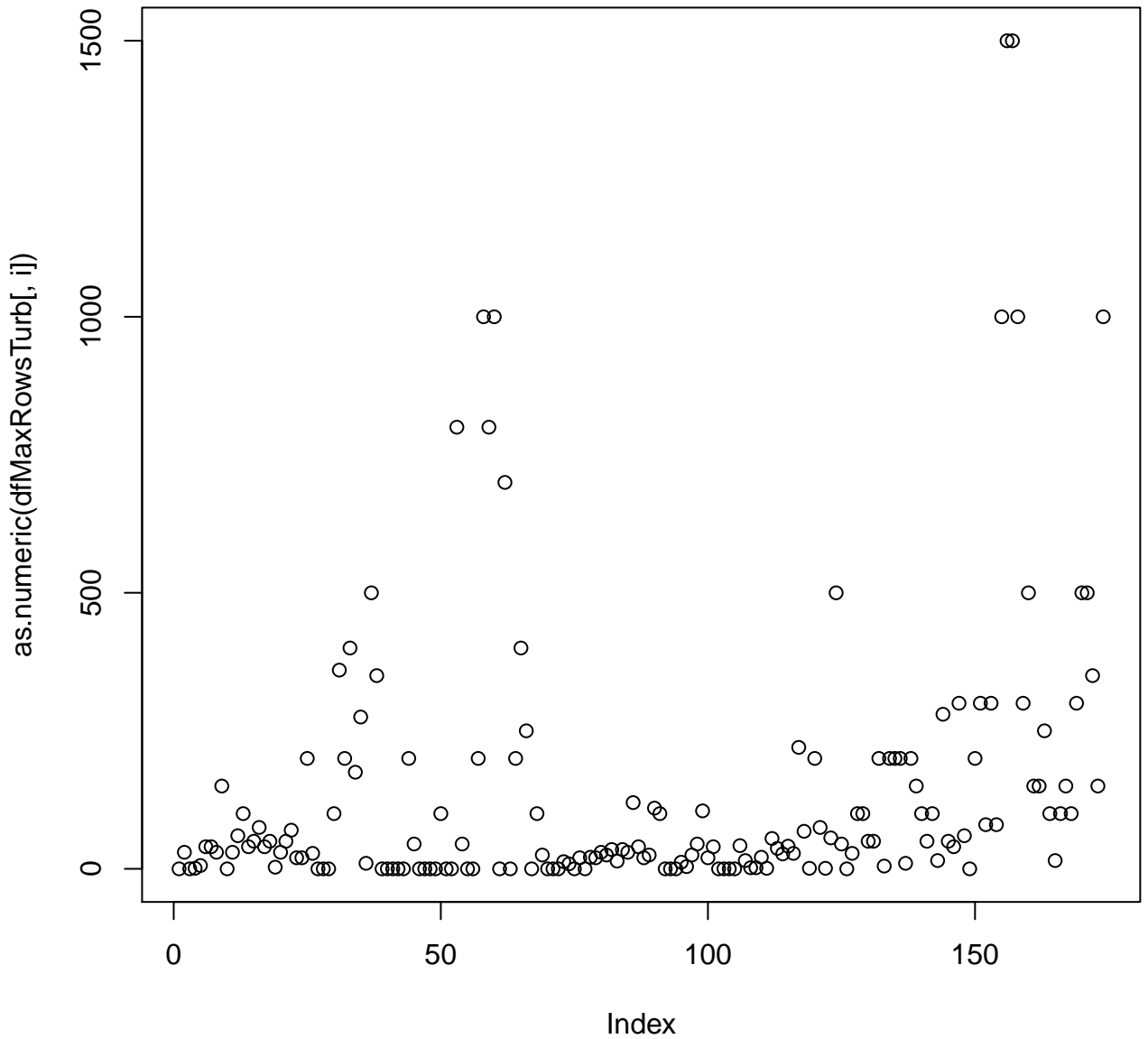
# beach\_AirTemp



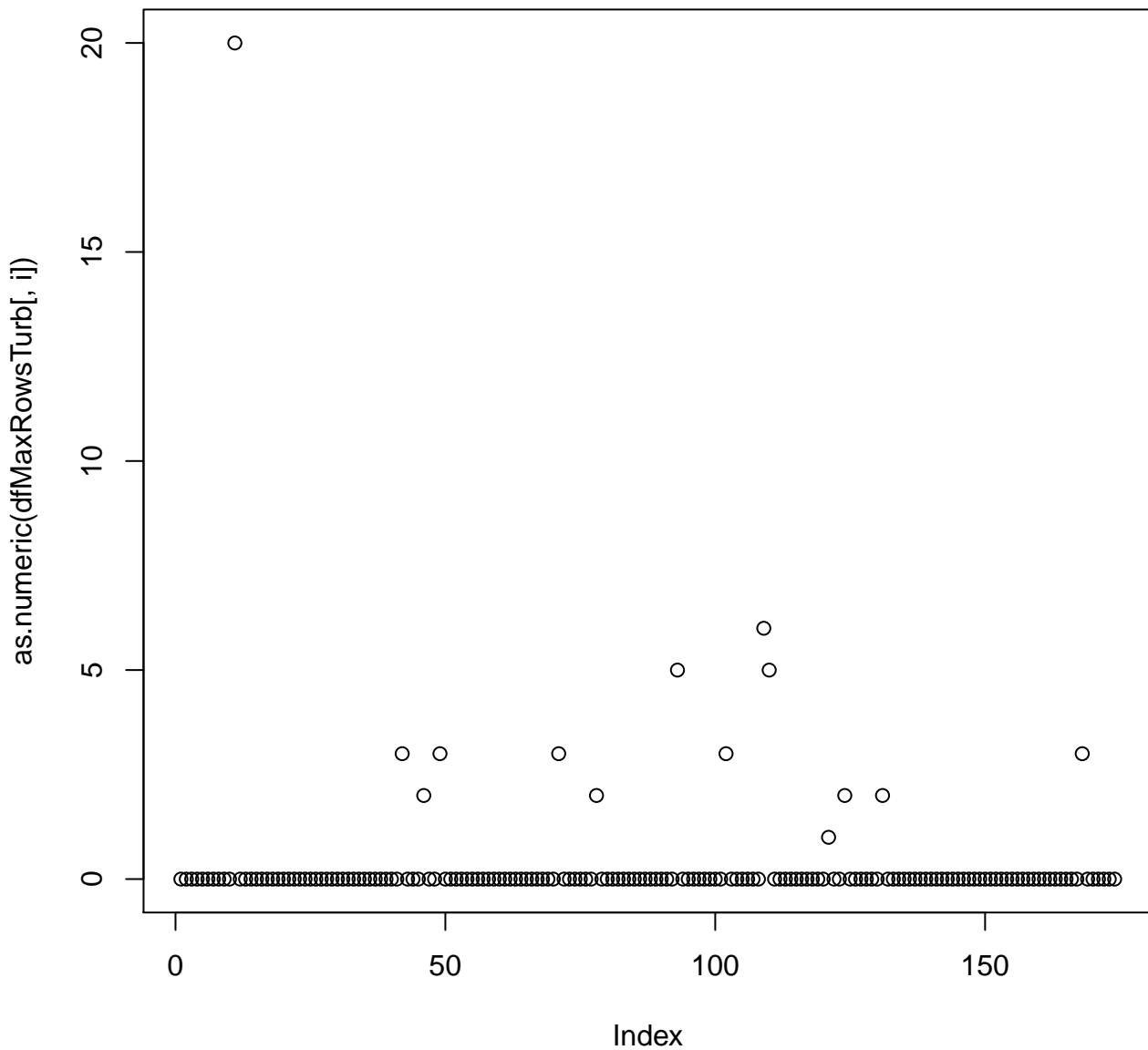
# beach\_LakeshoreCurrVel



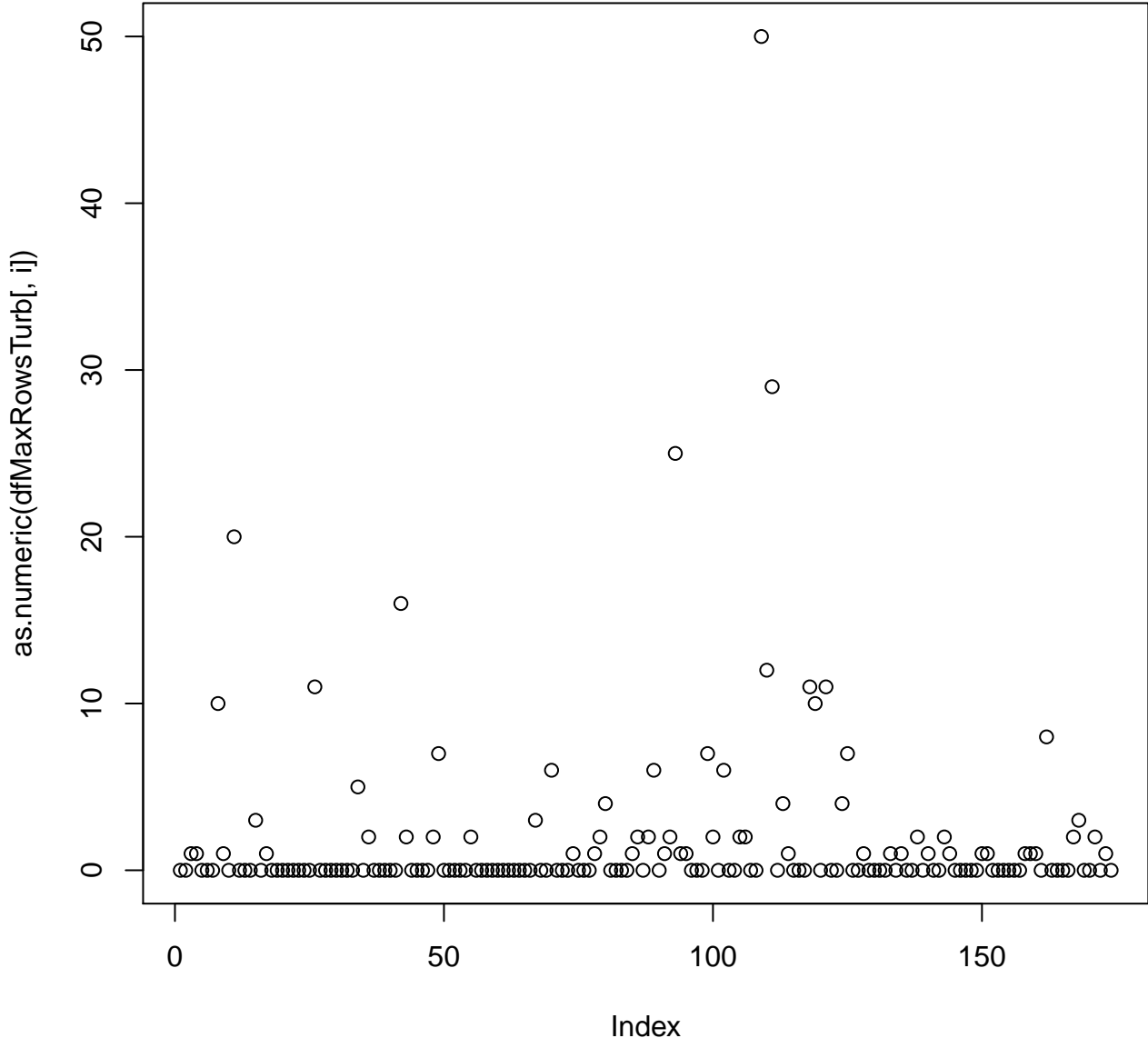
# beach\_NoGulls



# beach\_PeopleInWater

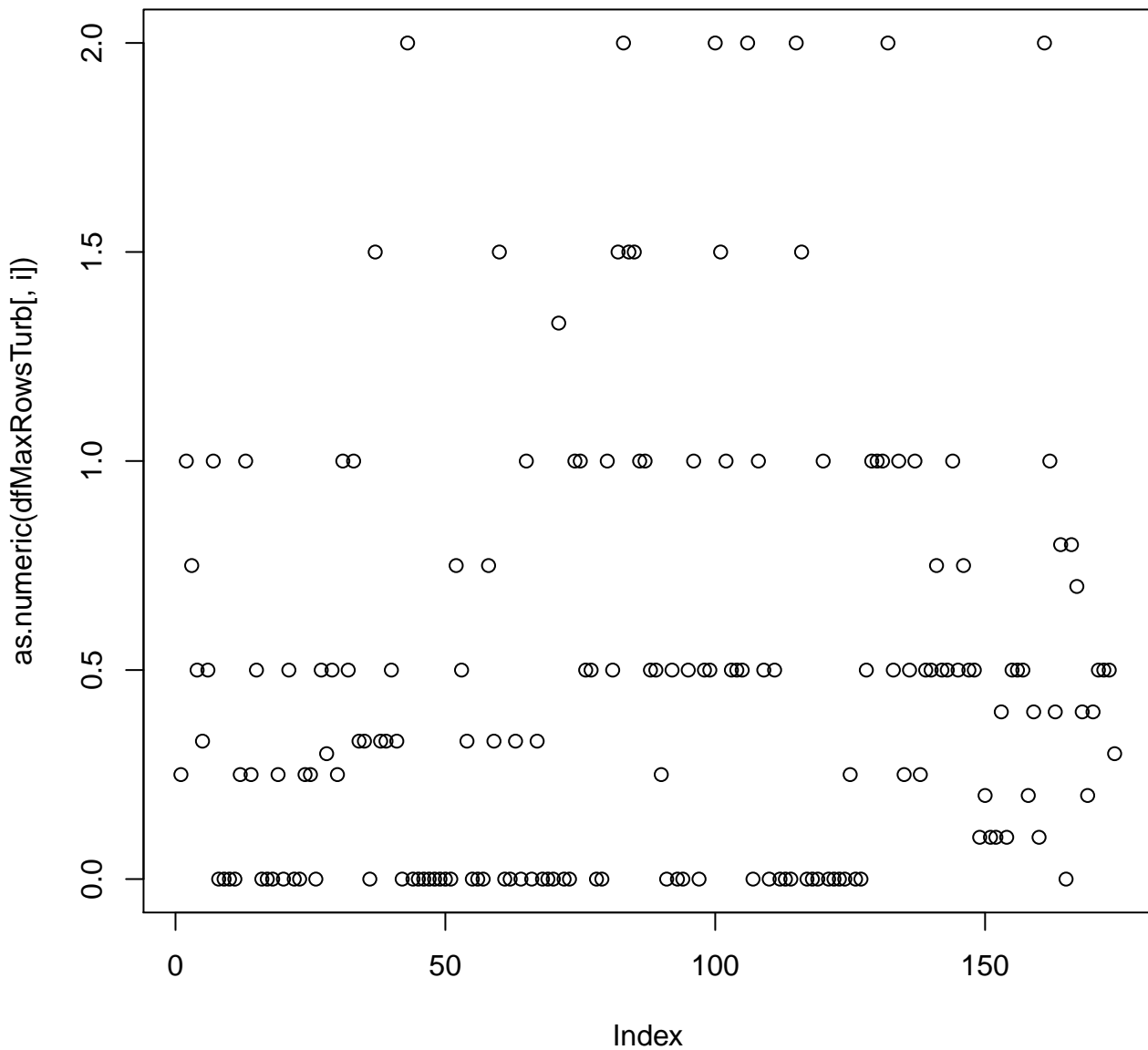


beach\_PeopleOnBeach

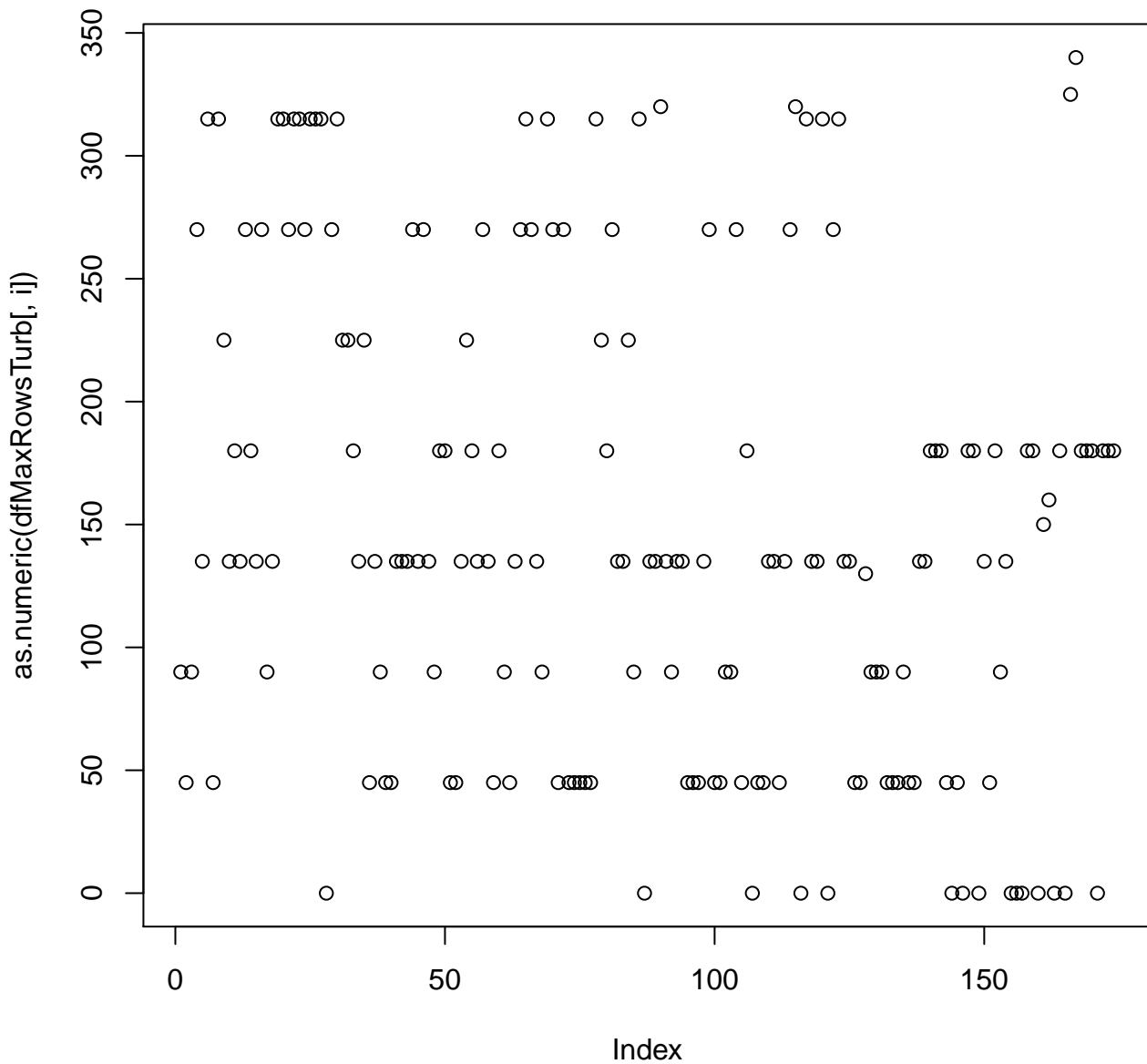




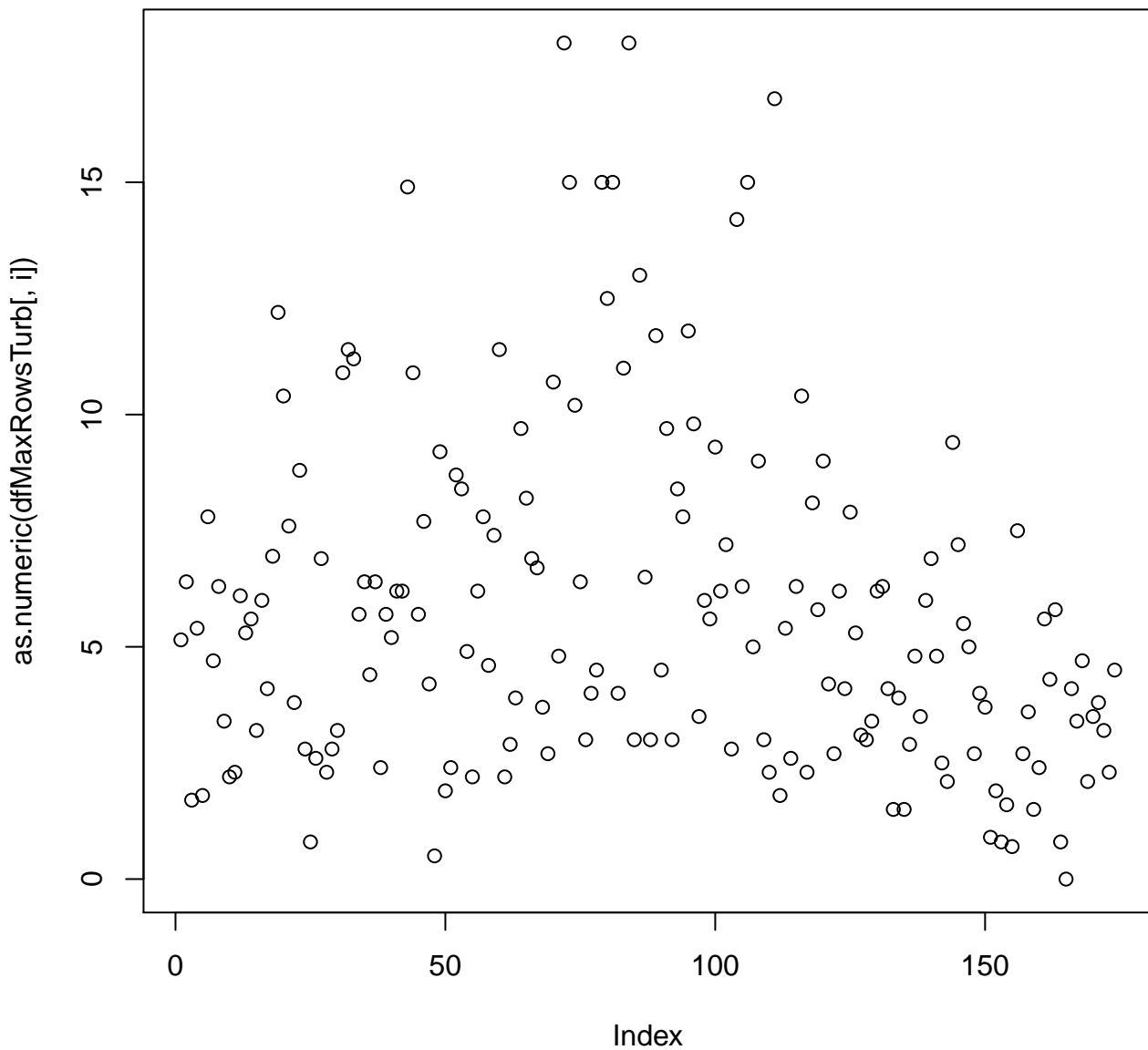
beach\_WaveHeightManual



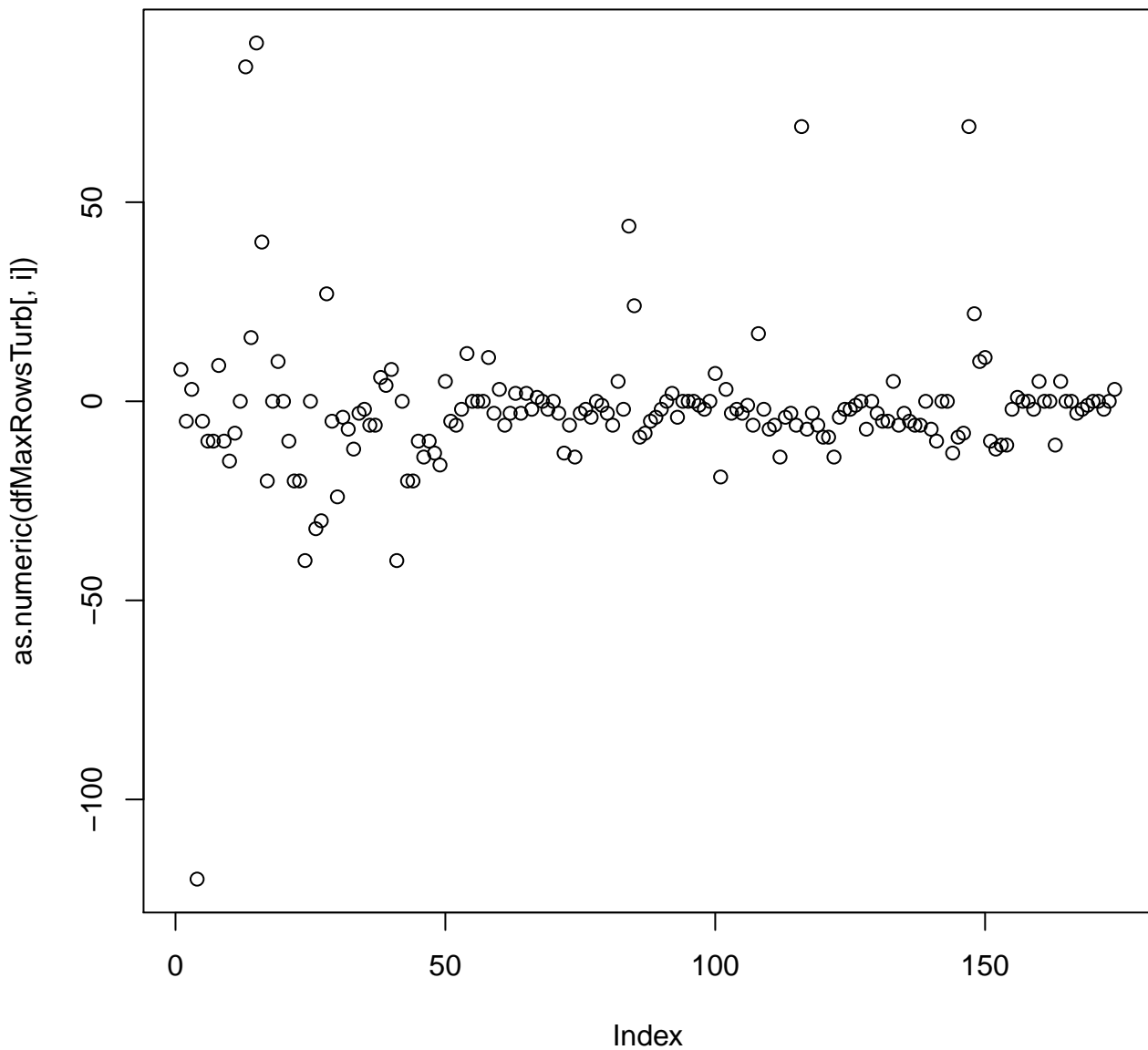
# beach\_WindDirDegrees



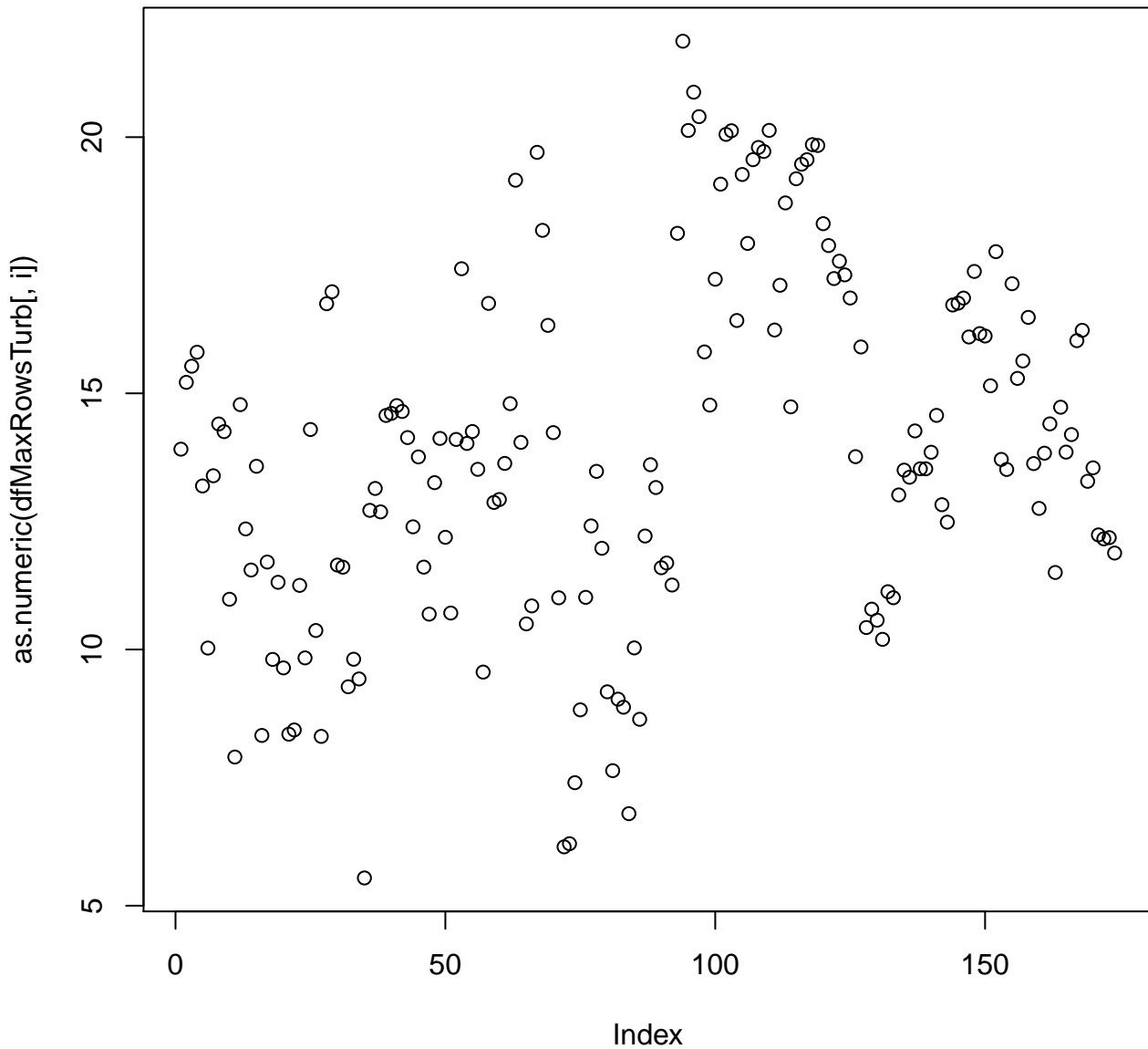
# beach\_WindSpeed



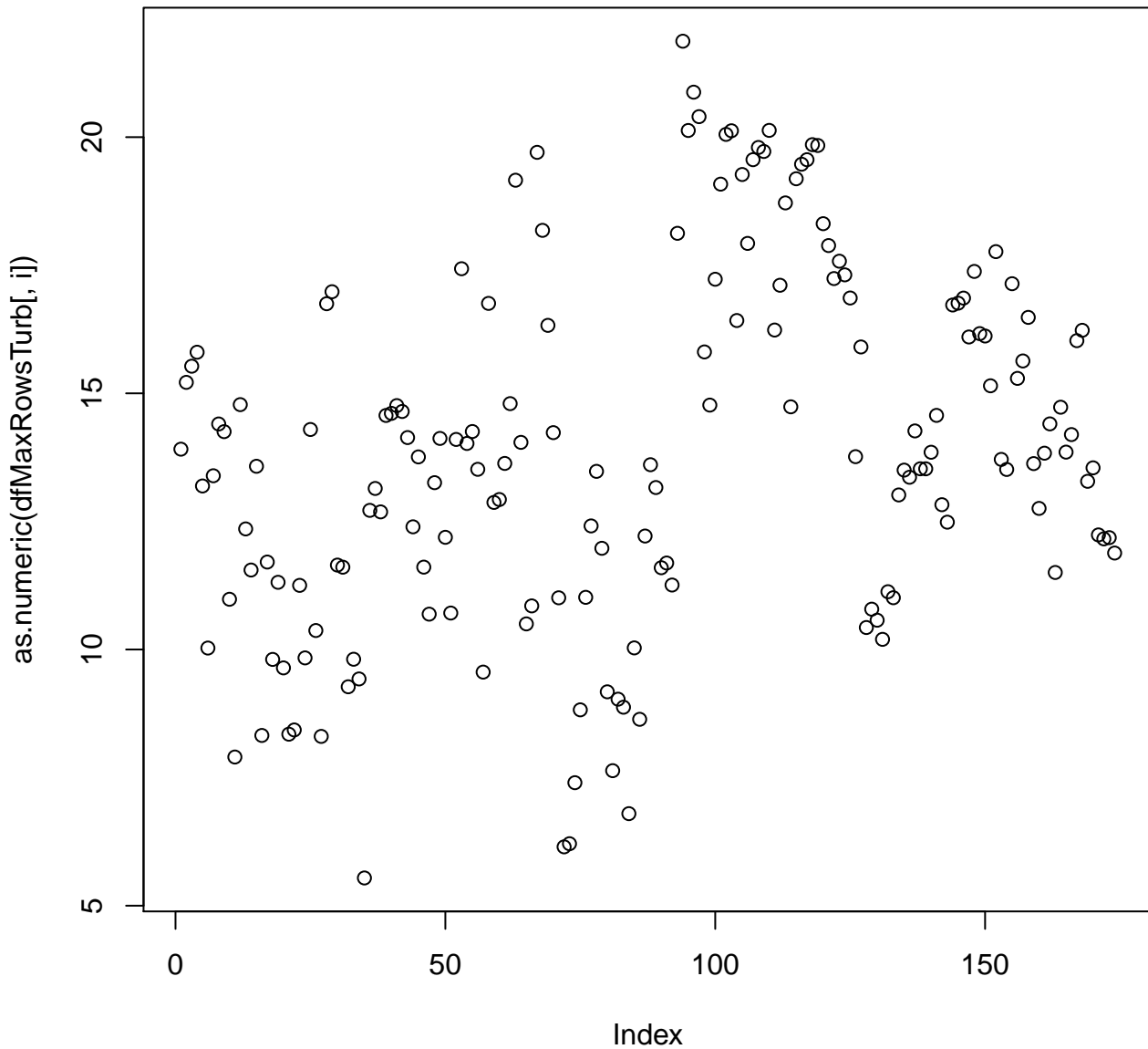
Manitowoc\_Discharge\_Diff\_6



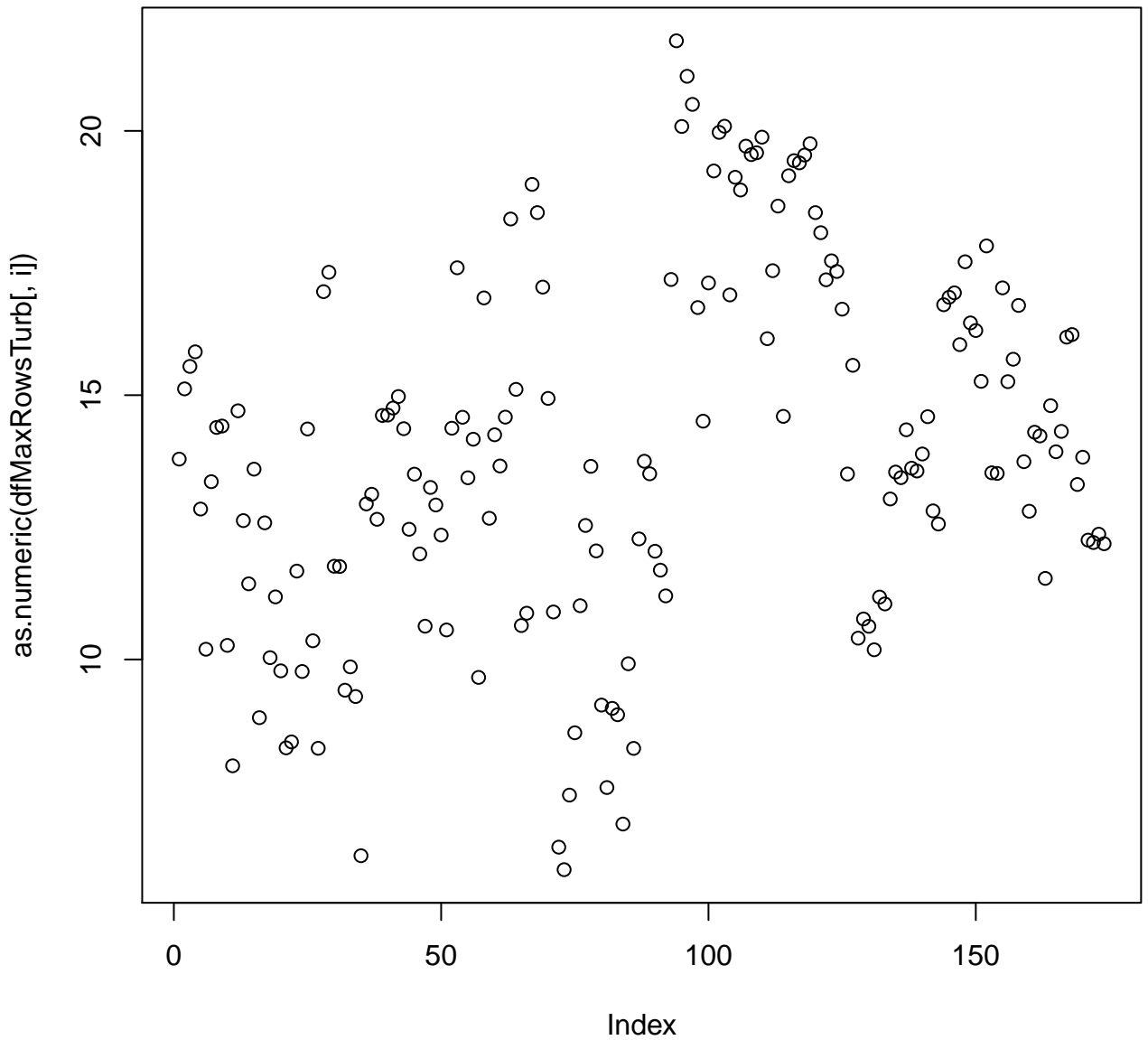
**WaterTemperature\_Mean\_1**



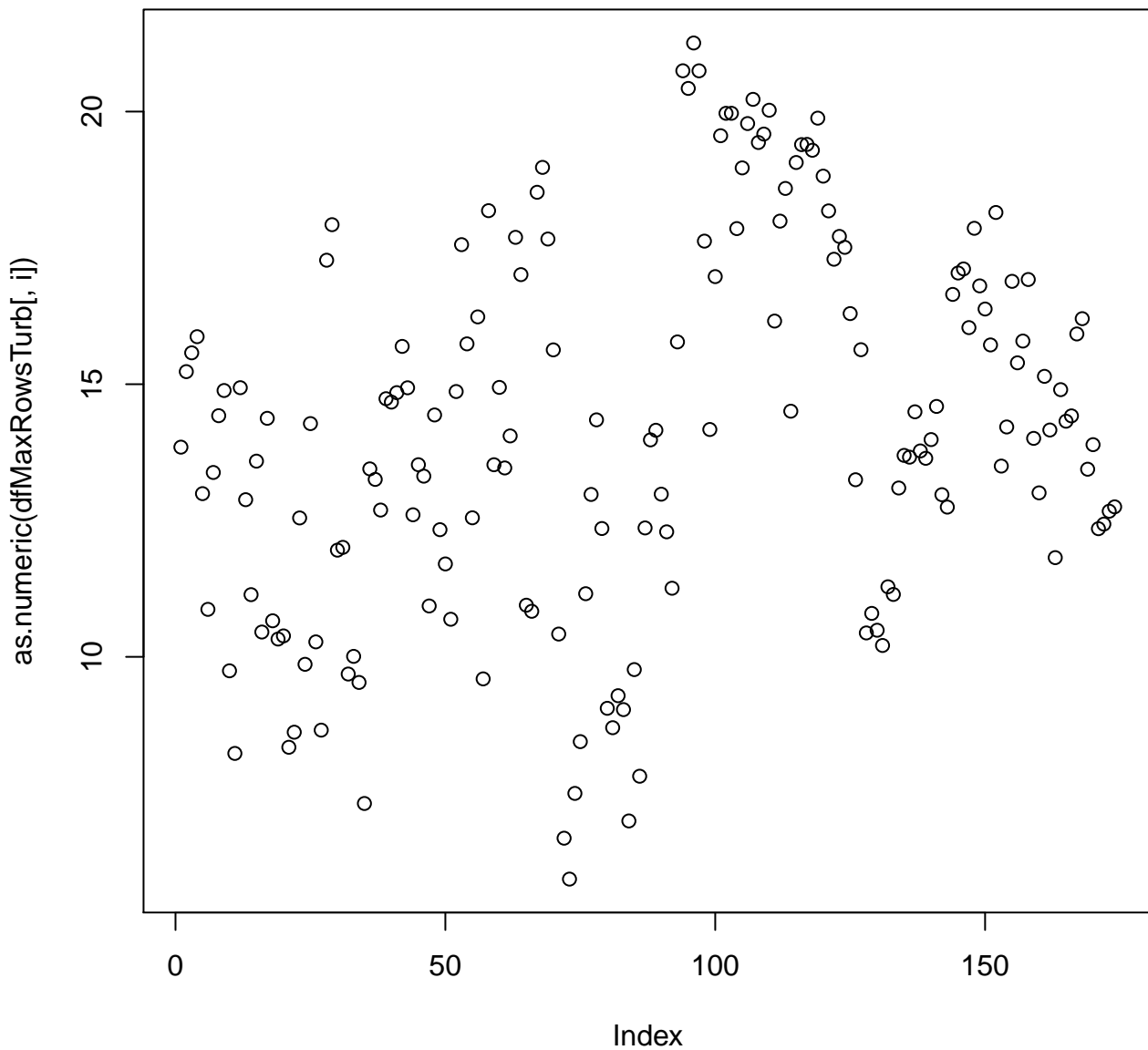
**WaterTemperature\_Mean\_2**



**WaterTemperature\_Mean\_6**

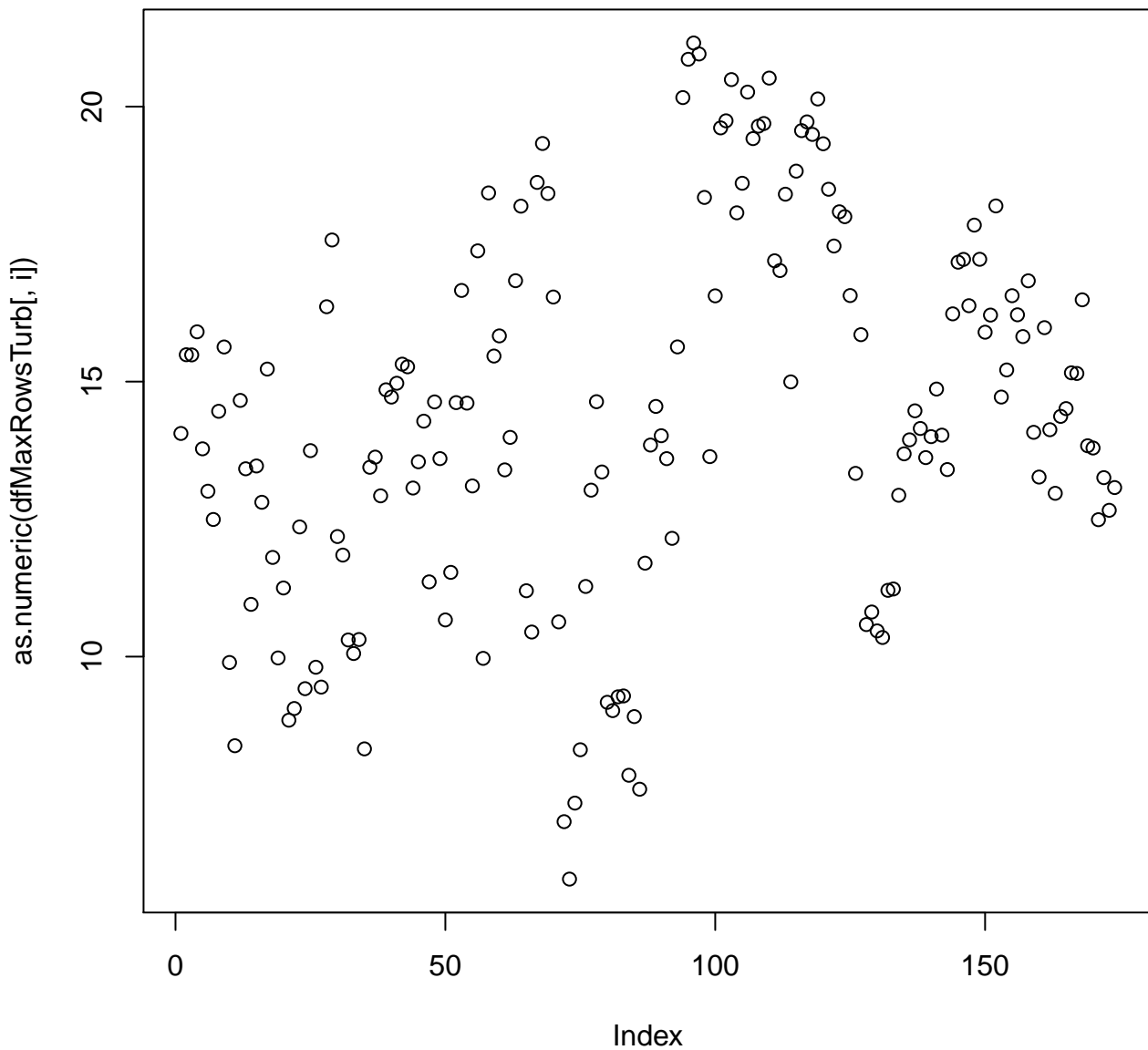


**WaterTemperature\_Mean\_12**

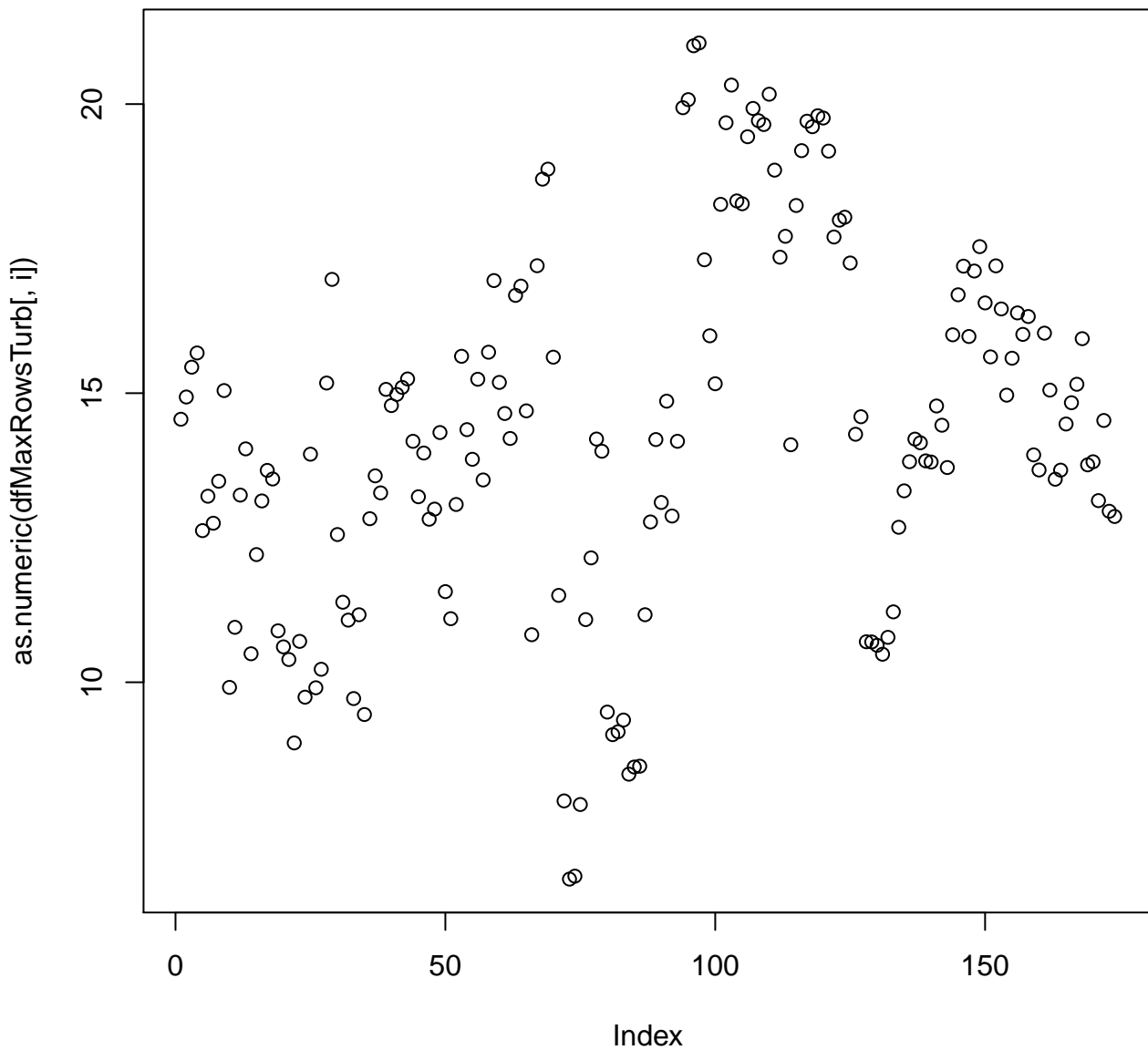




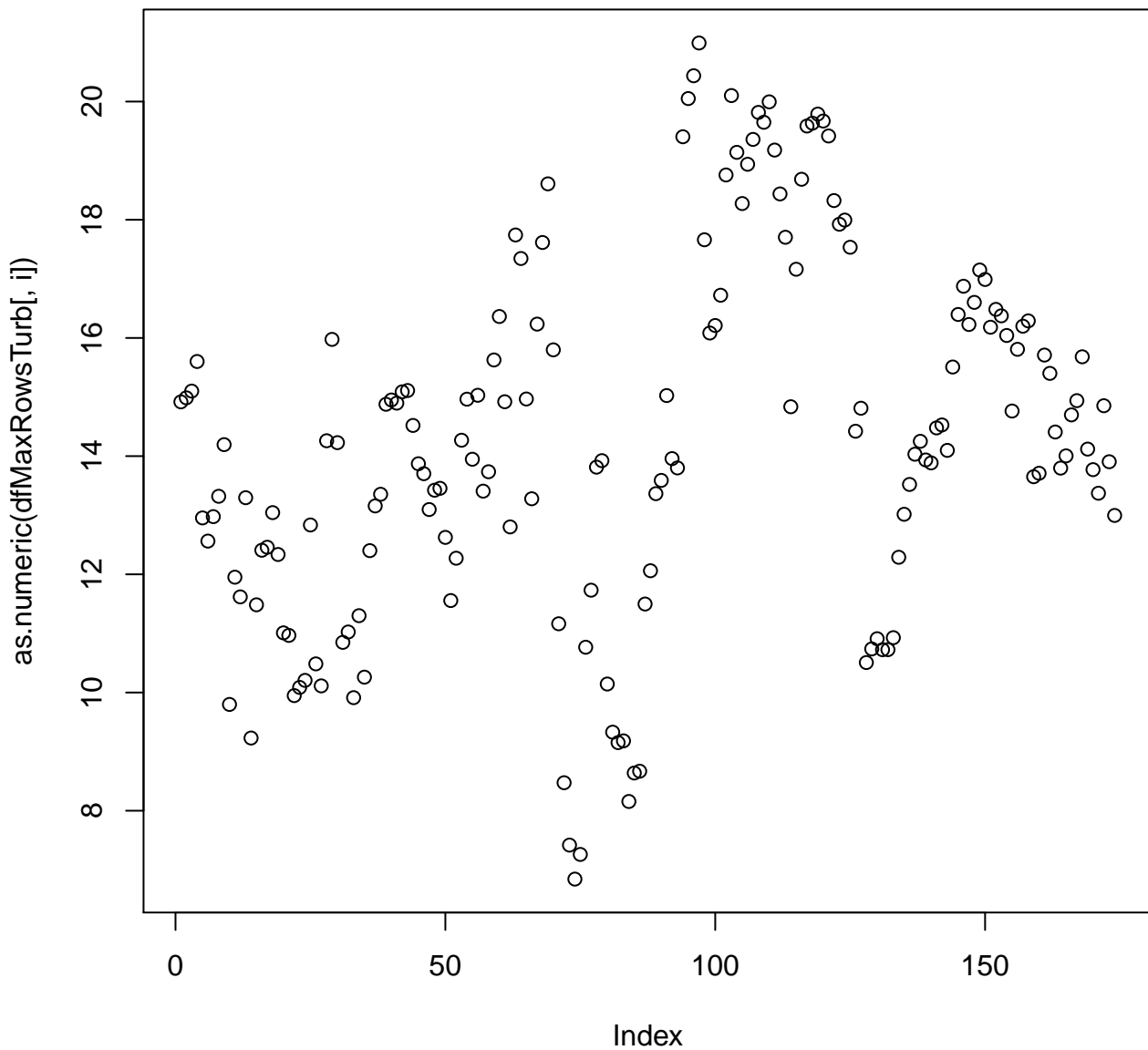
**WaterTemperature\_Mean\_24**



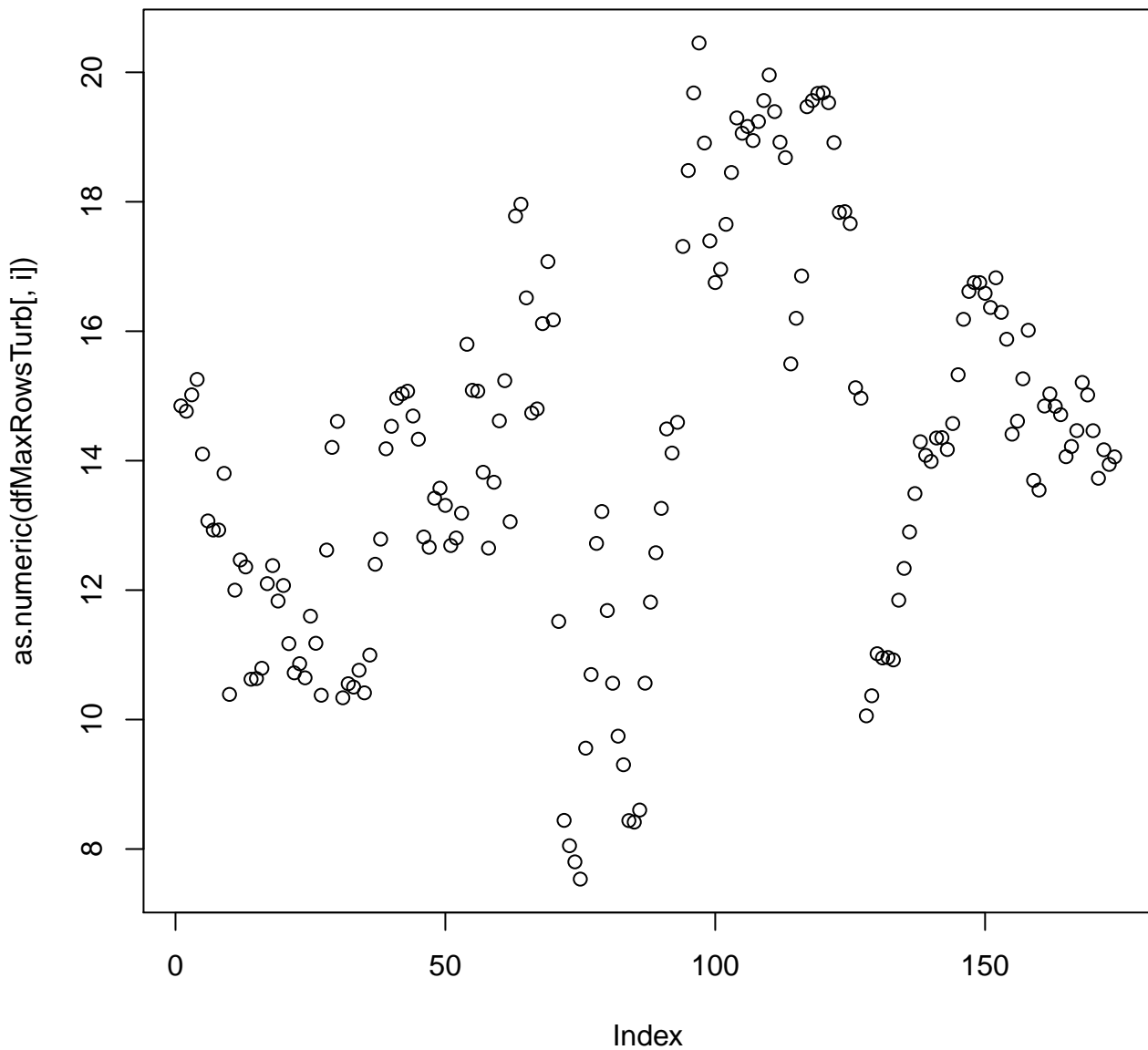
**WaterTemperature\_Mean\_48**



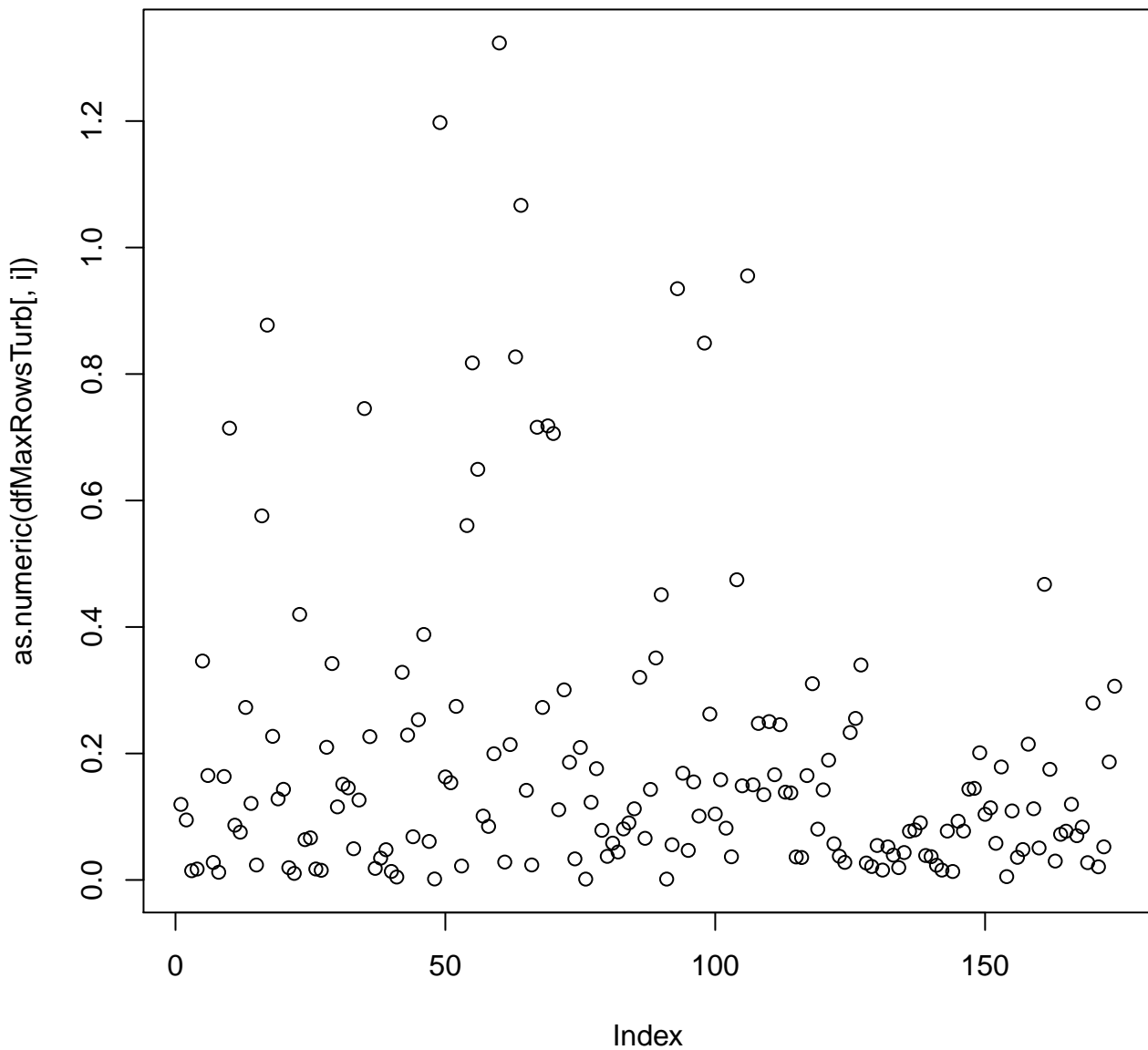
**WaterTemperature\_Mean\_72**



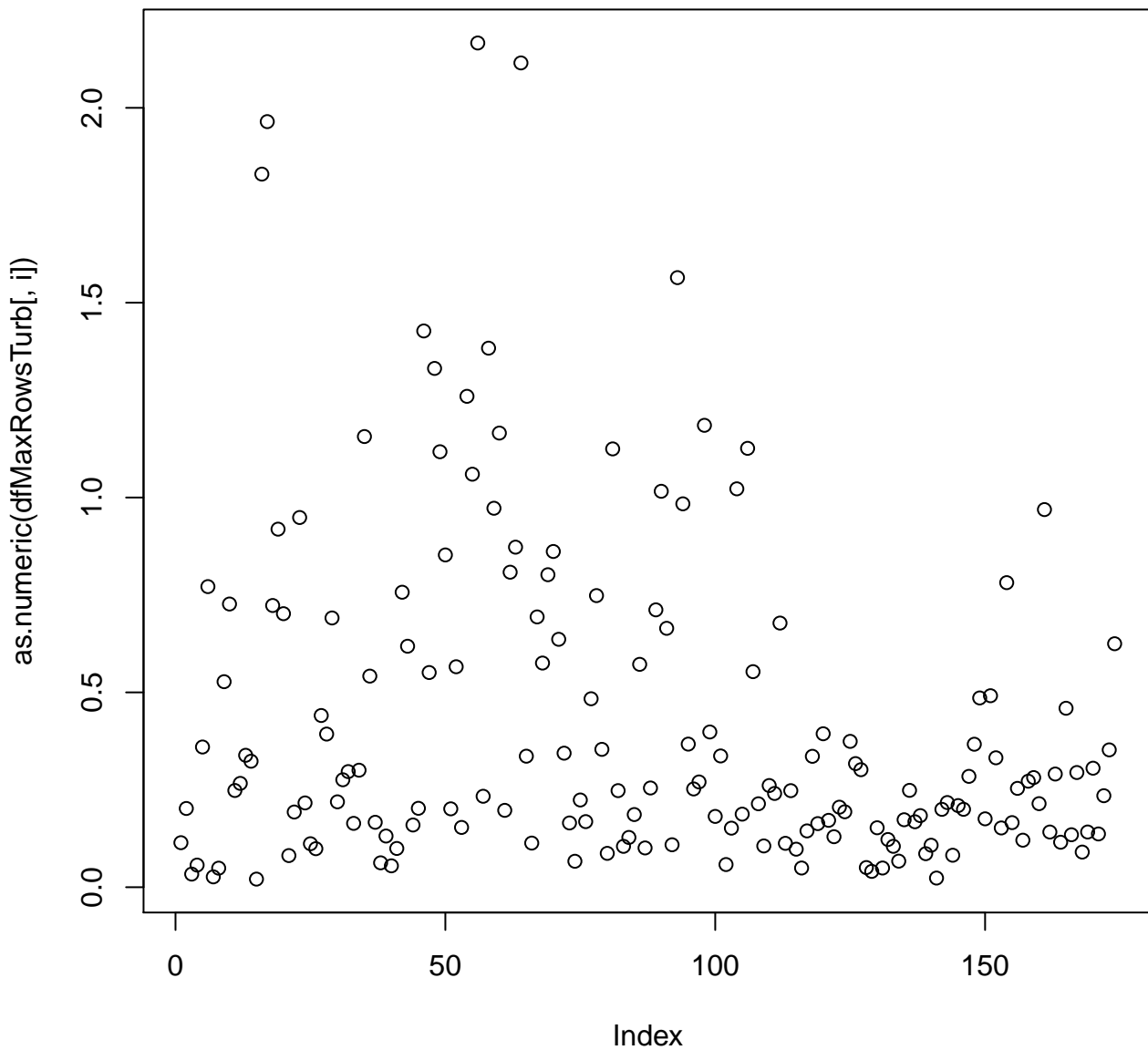
# WaterTemperature\_Mean\_120



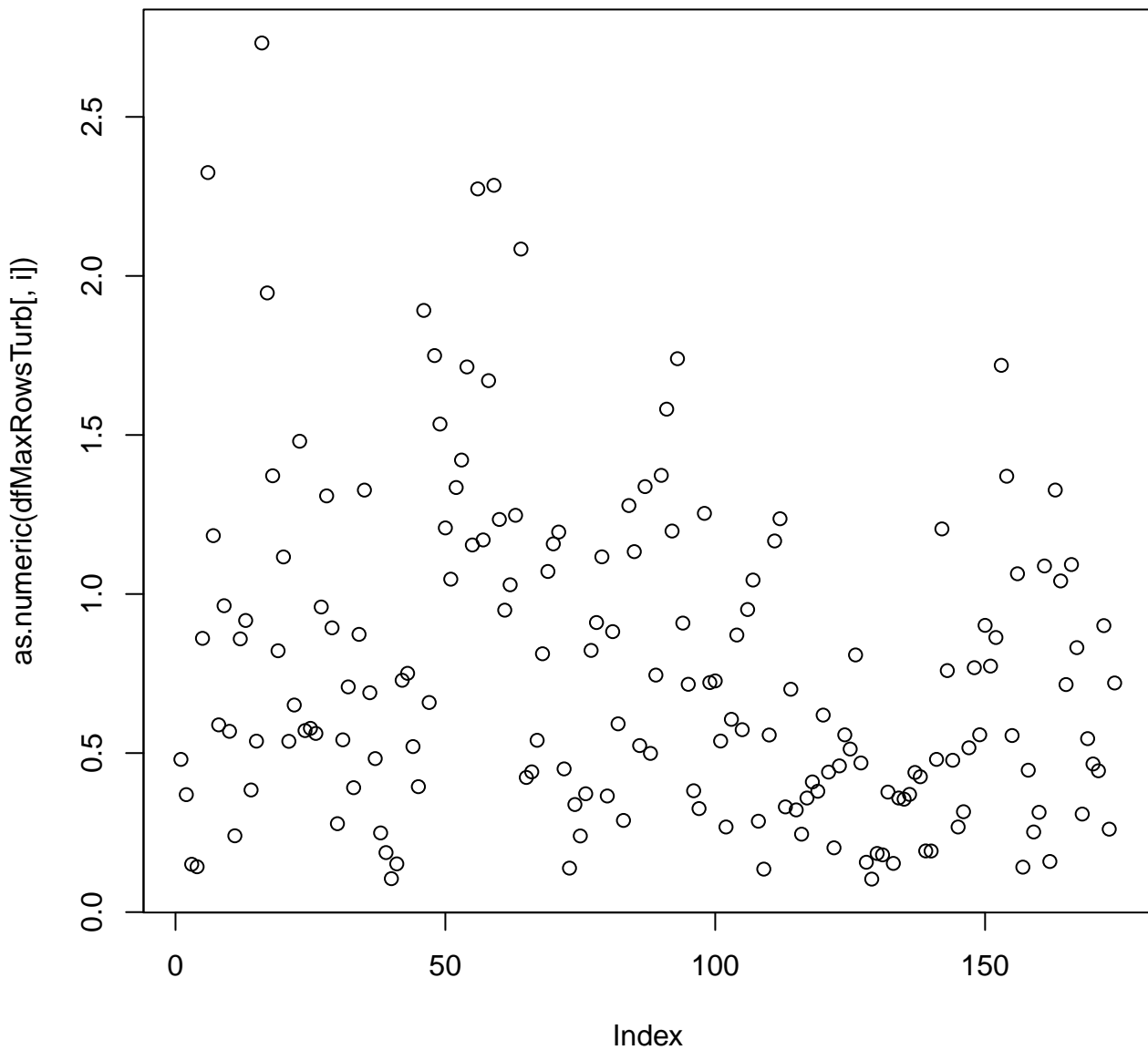
**WaterTemperature\_StDev\_6**



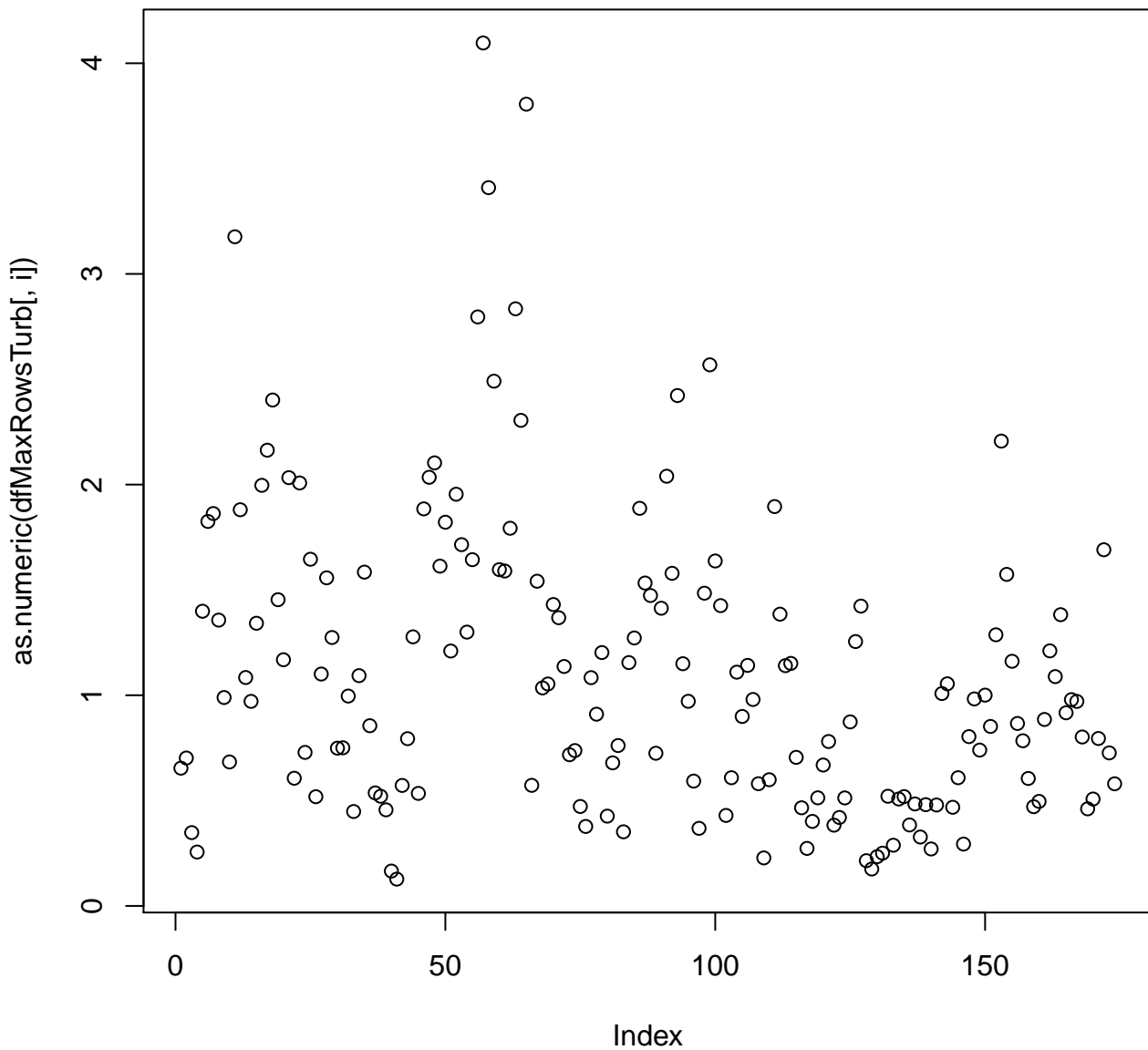
# WaterTemperature\_StDev\_12



# WaterTemperature\_StDev\_24

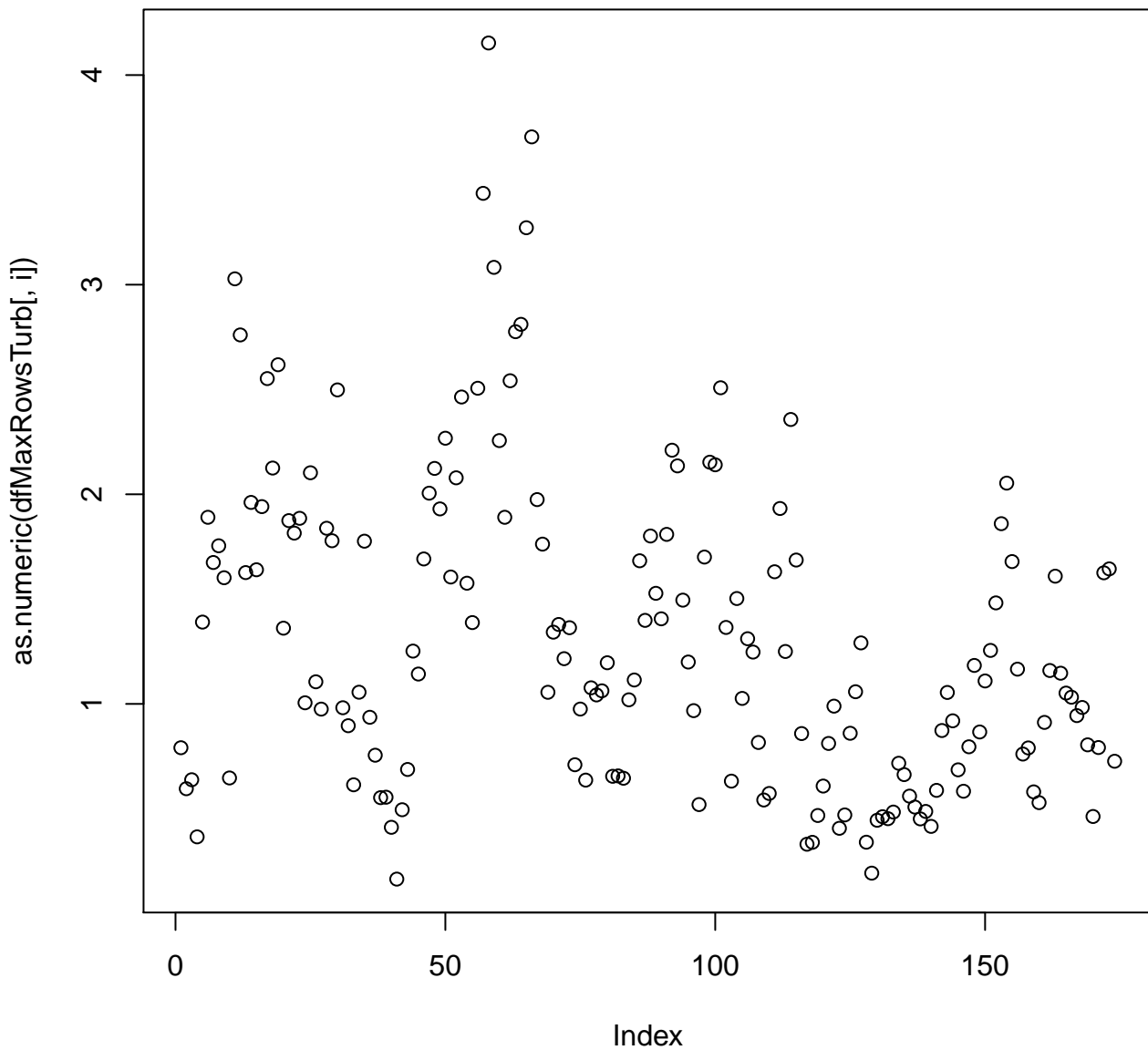


# WaterTemperature\_StDev\_48

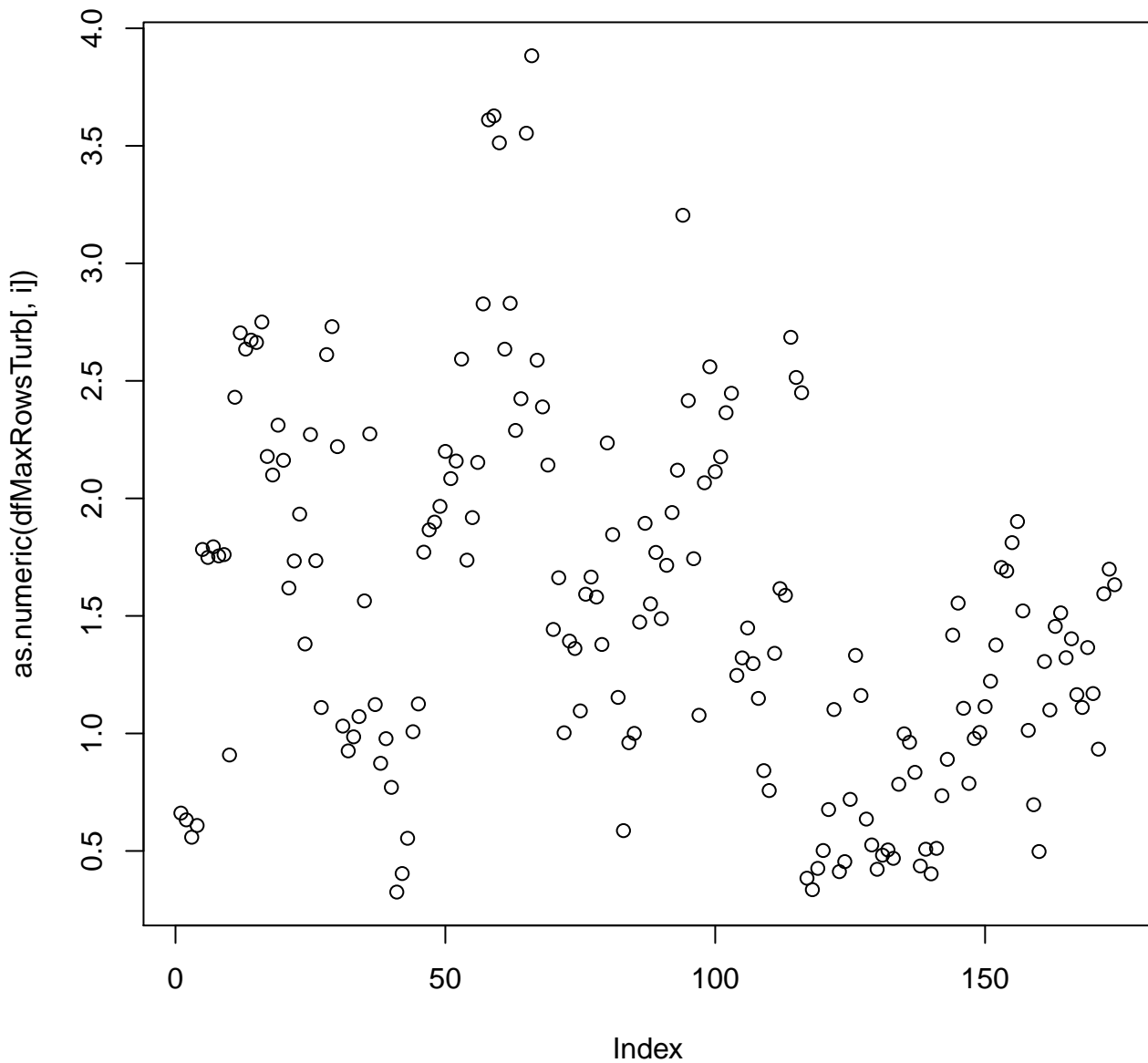




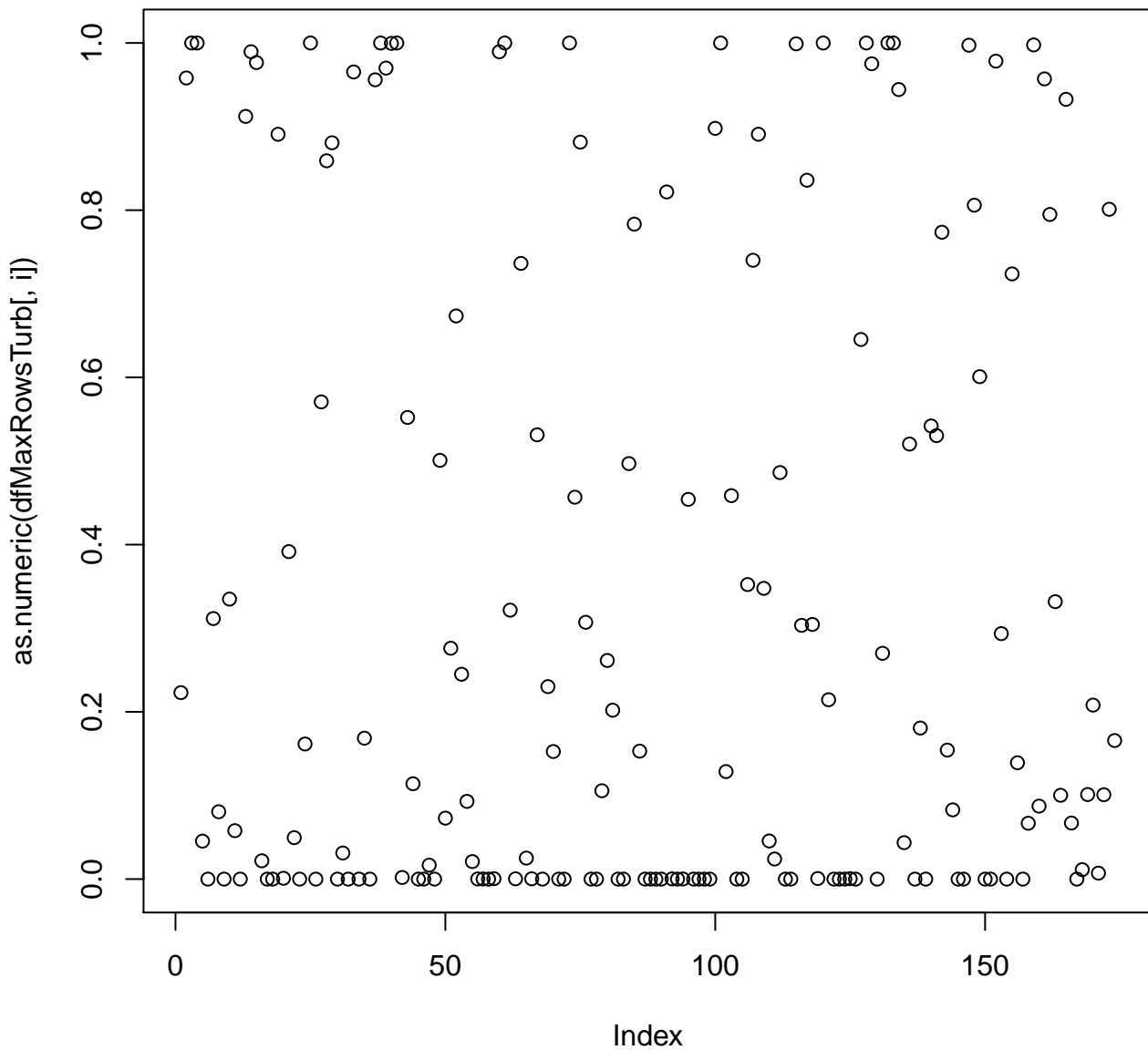
# WaterTemperature\_StDev\_72



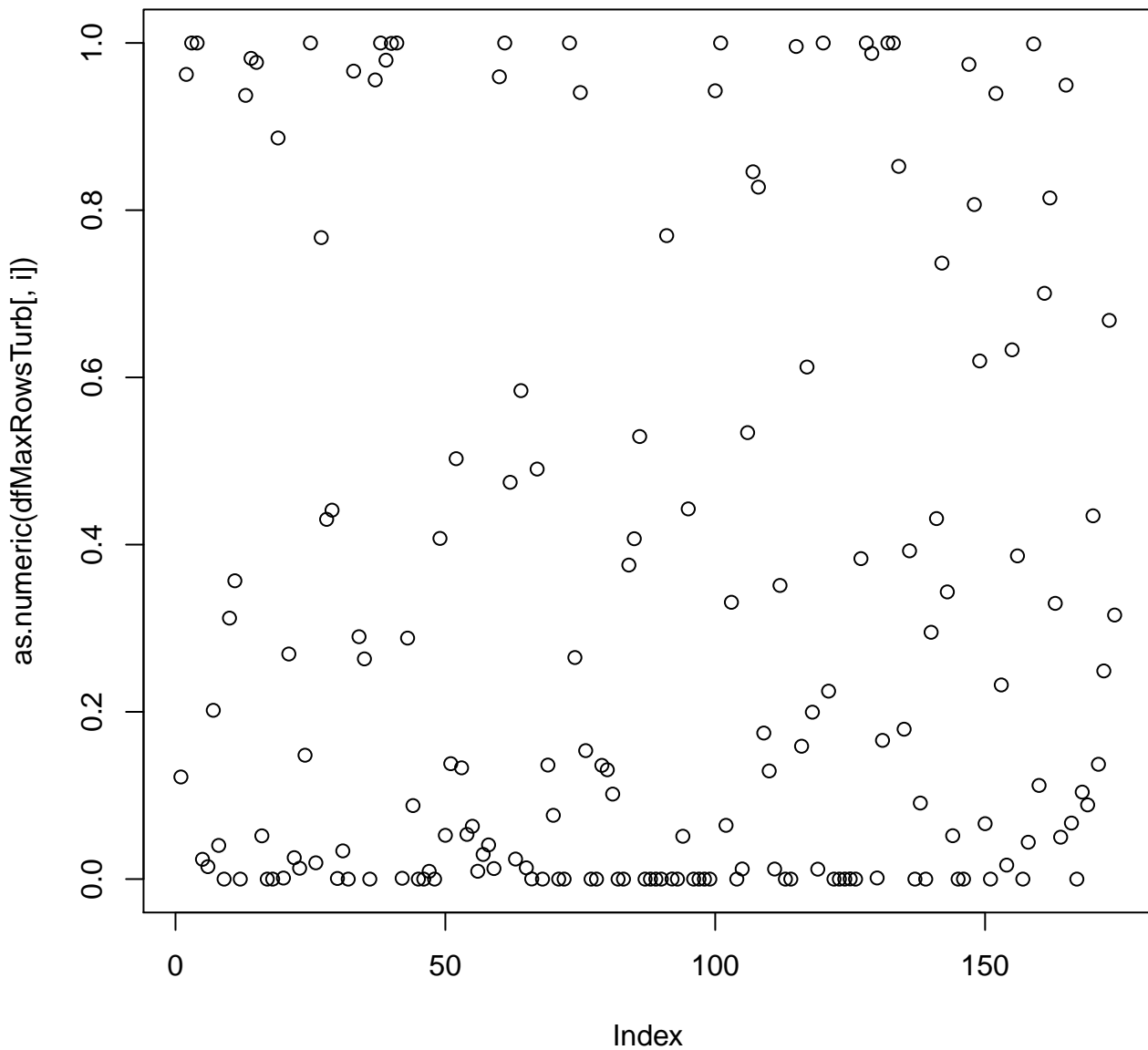
# WaterTemperature\_StDev\_120



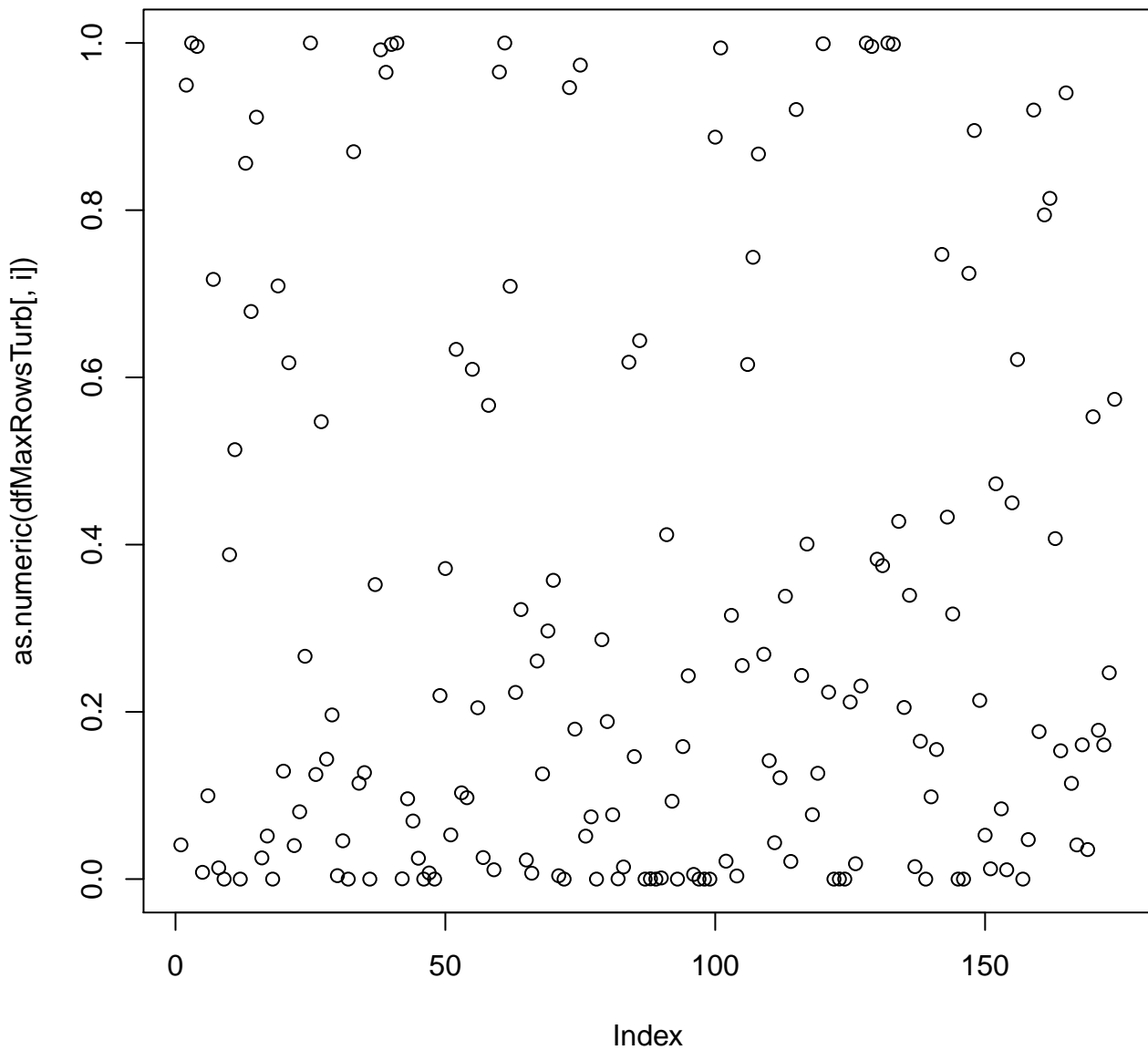
CloudCover\_Mean\_1



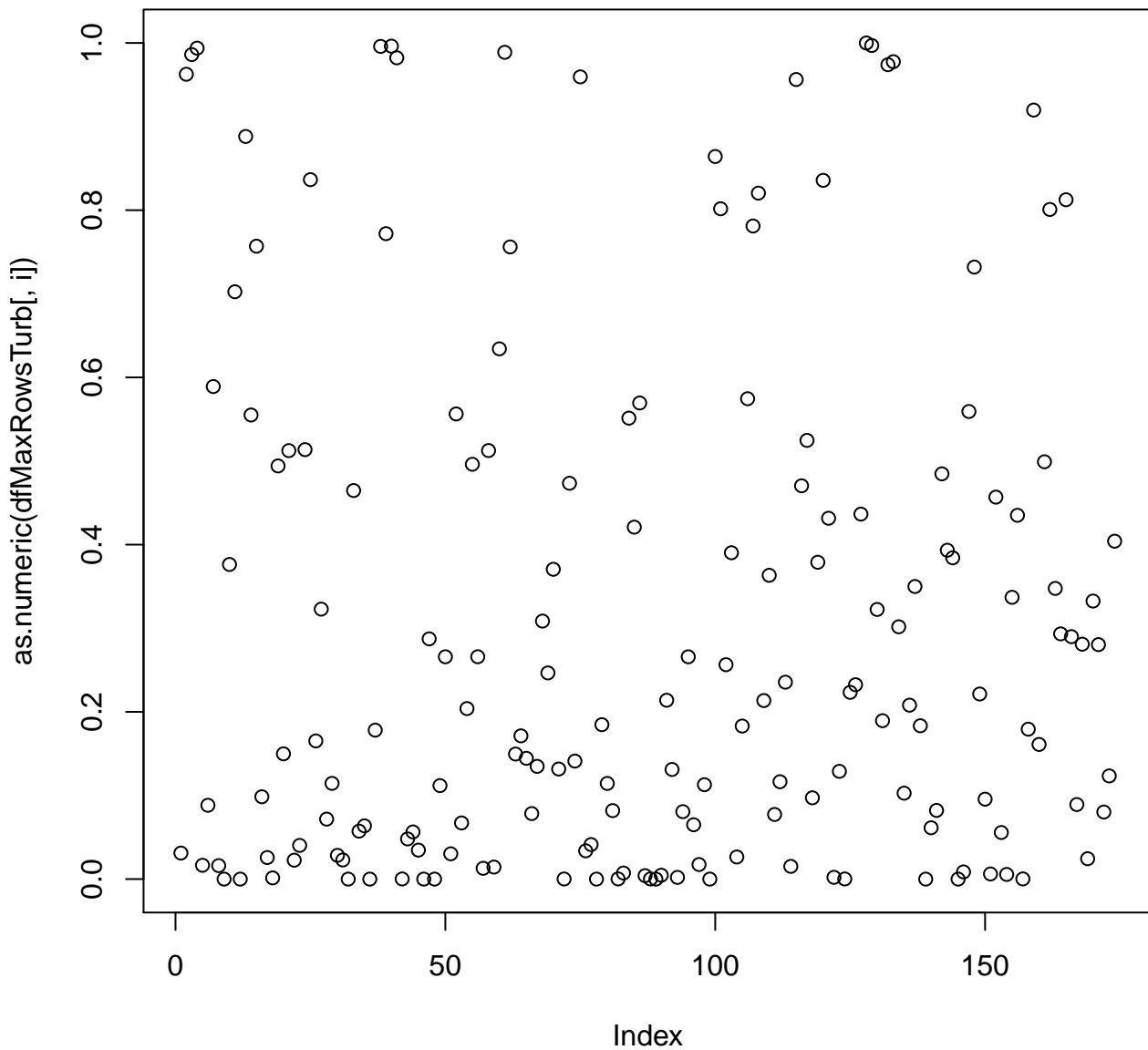
**CloudCover\_Mean\_2**



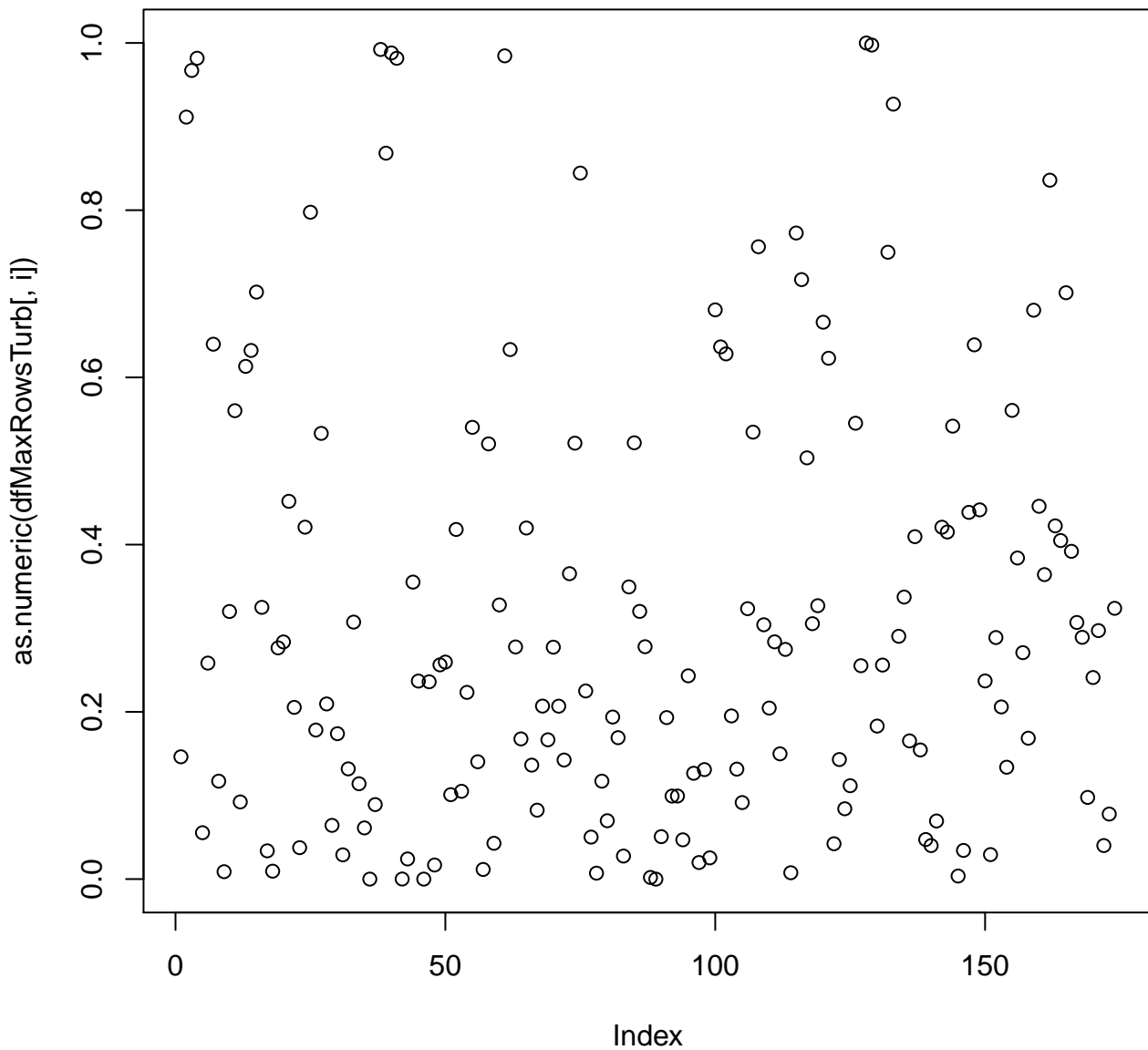
CloudCover\_Mean\_6



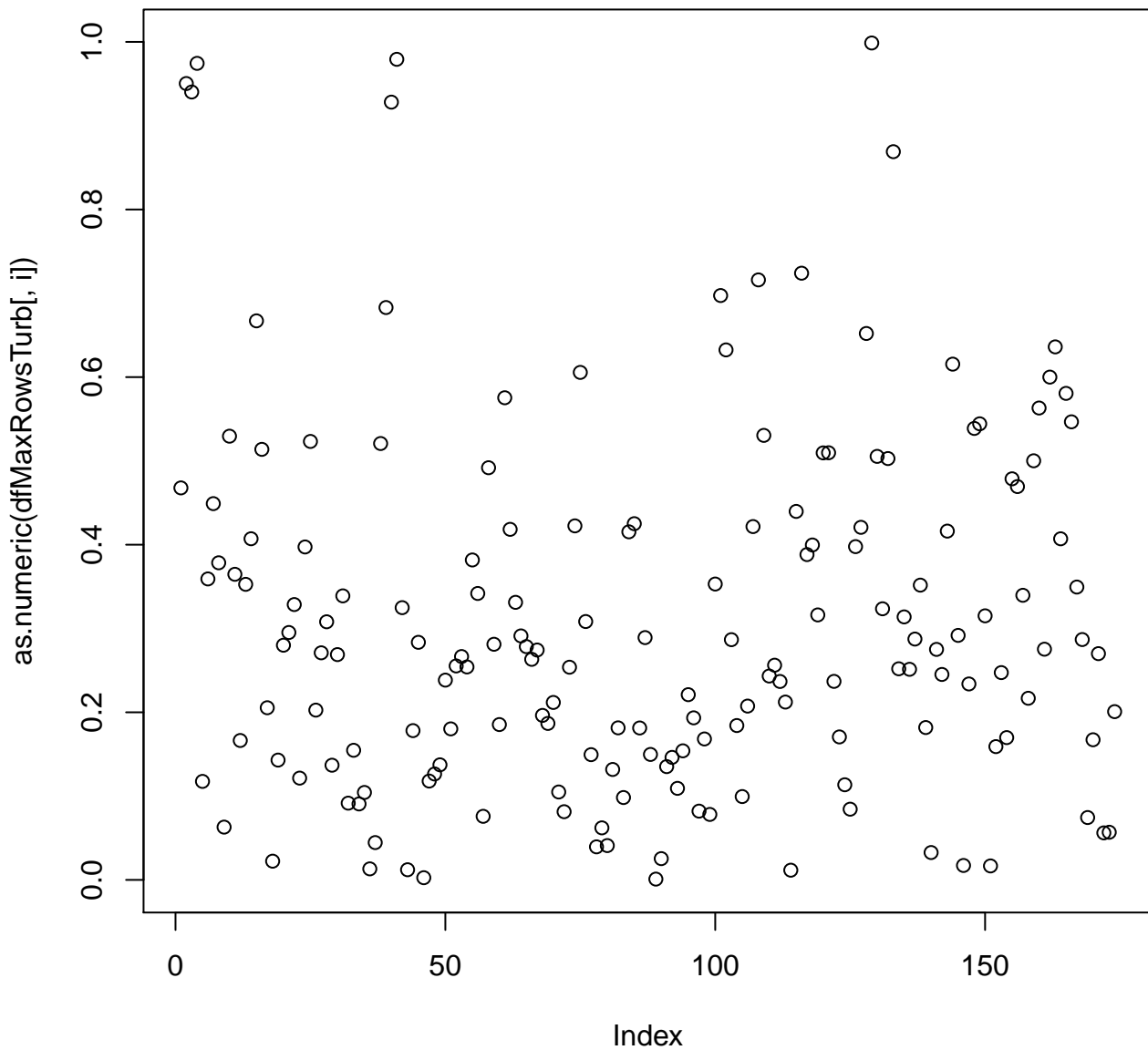
# CloudCover\_Mean\_12



CloudCover\_Mean\_24

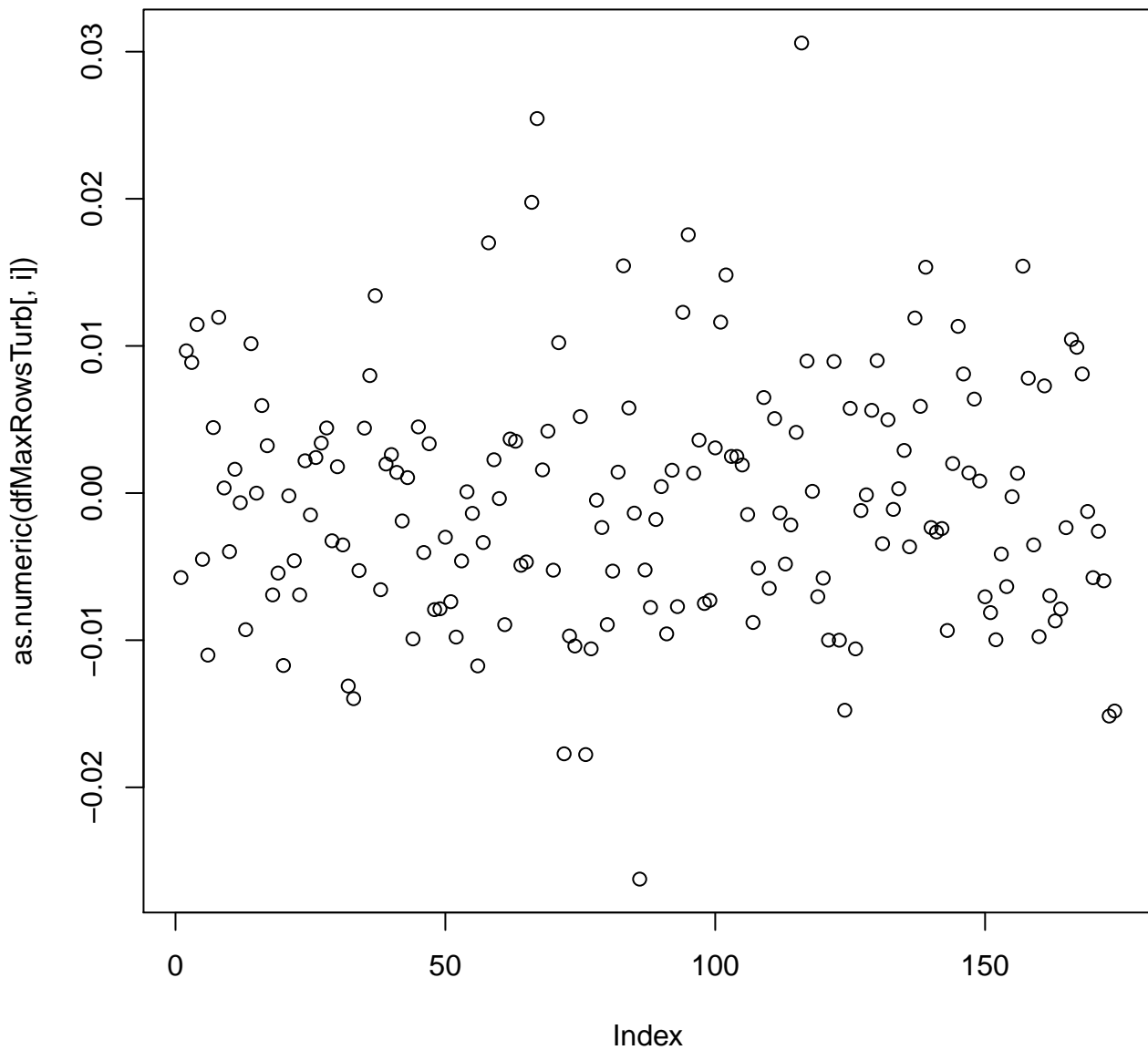


# CloudCover\_Mean\_48

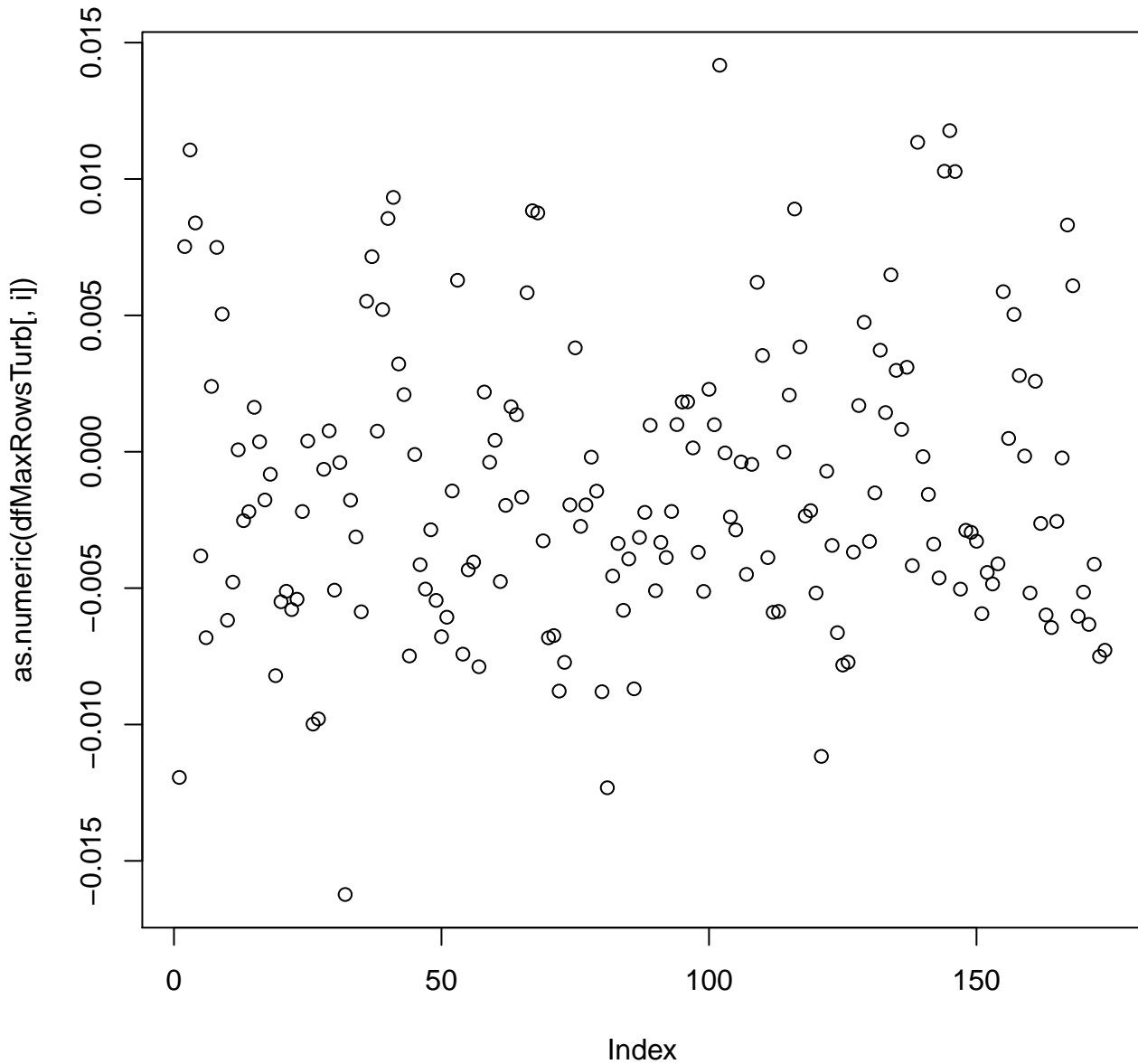




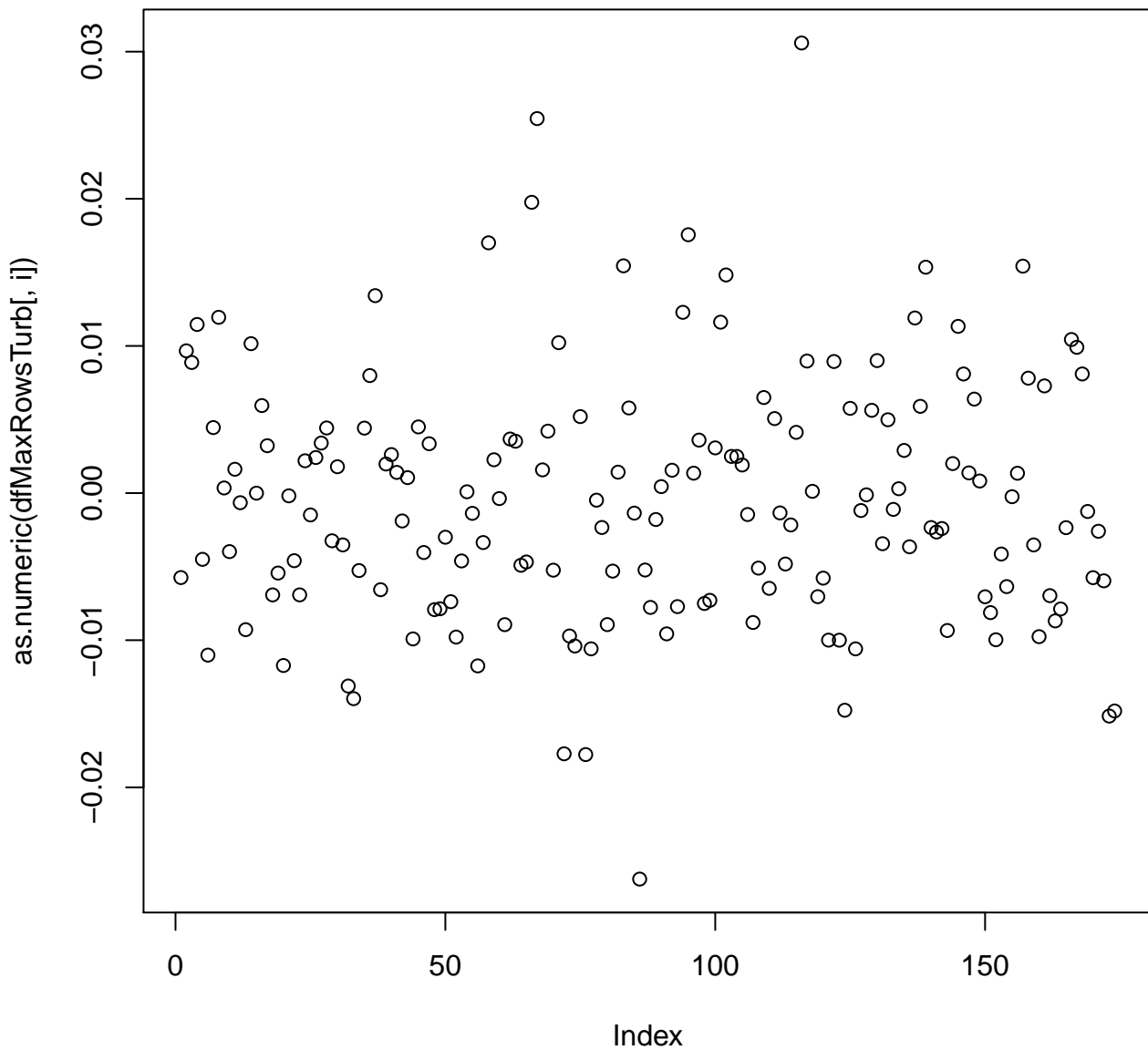
# HeightAboveSeaLevel\_Mean\_1



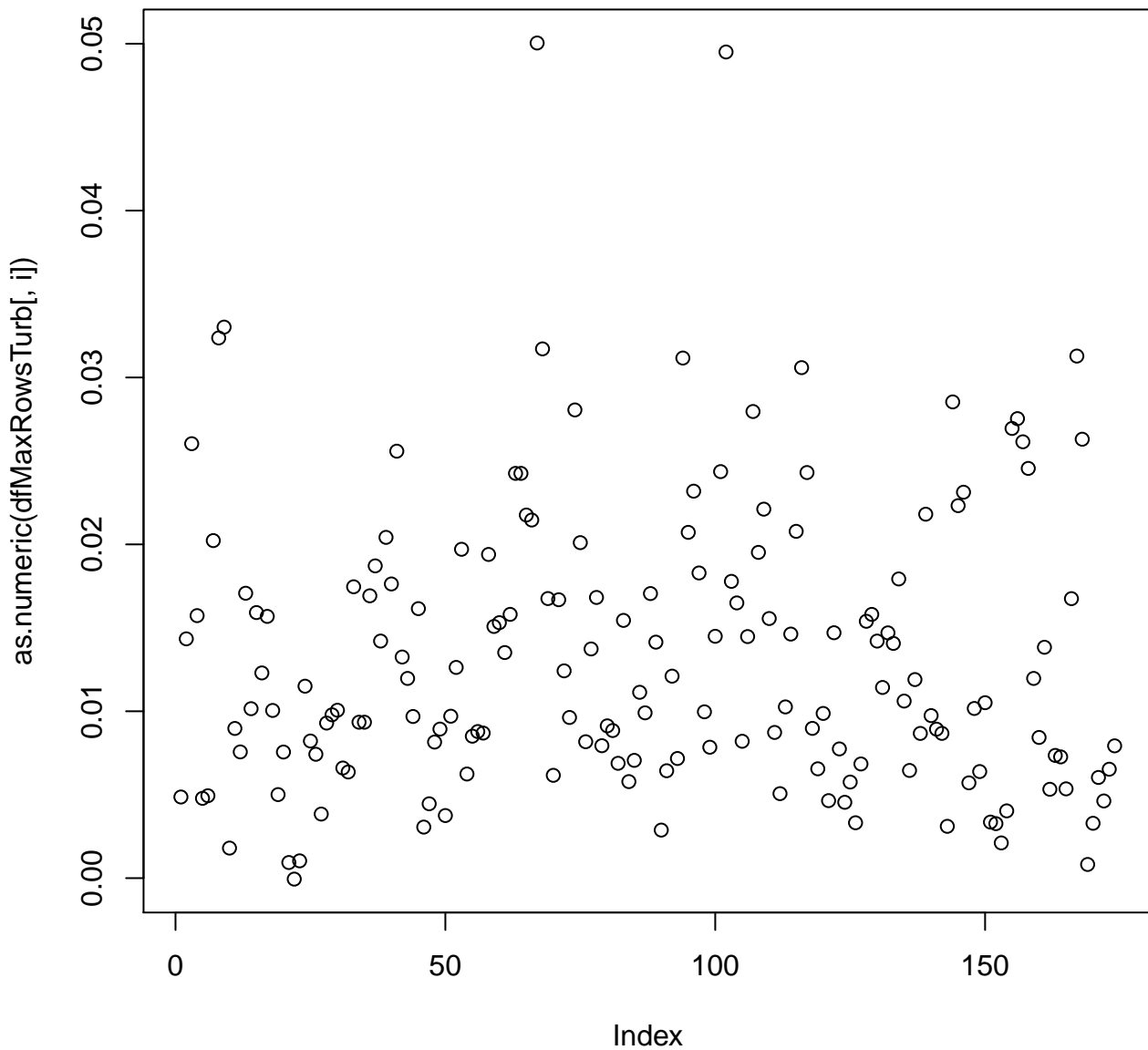
HeightAboveSeaLevel\_Mean\_24



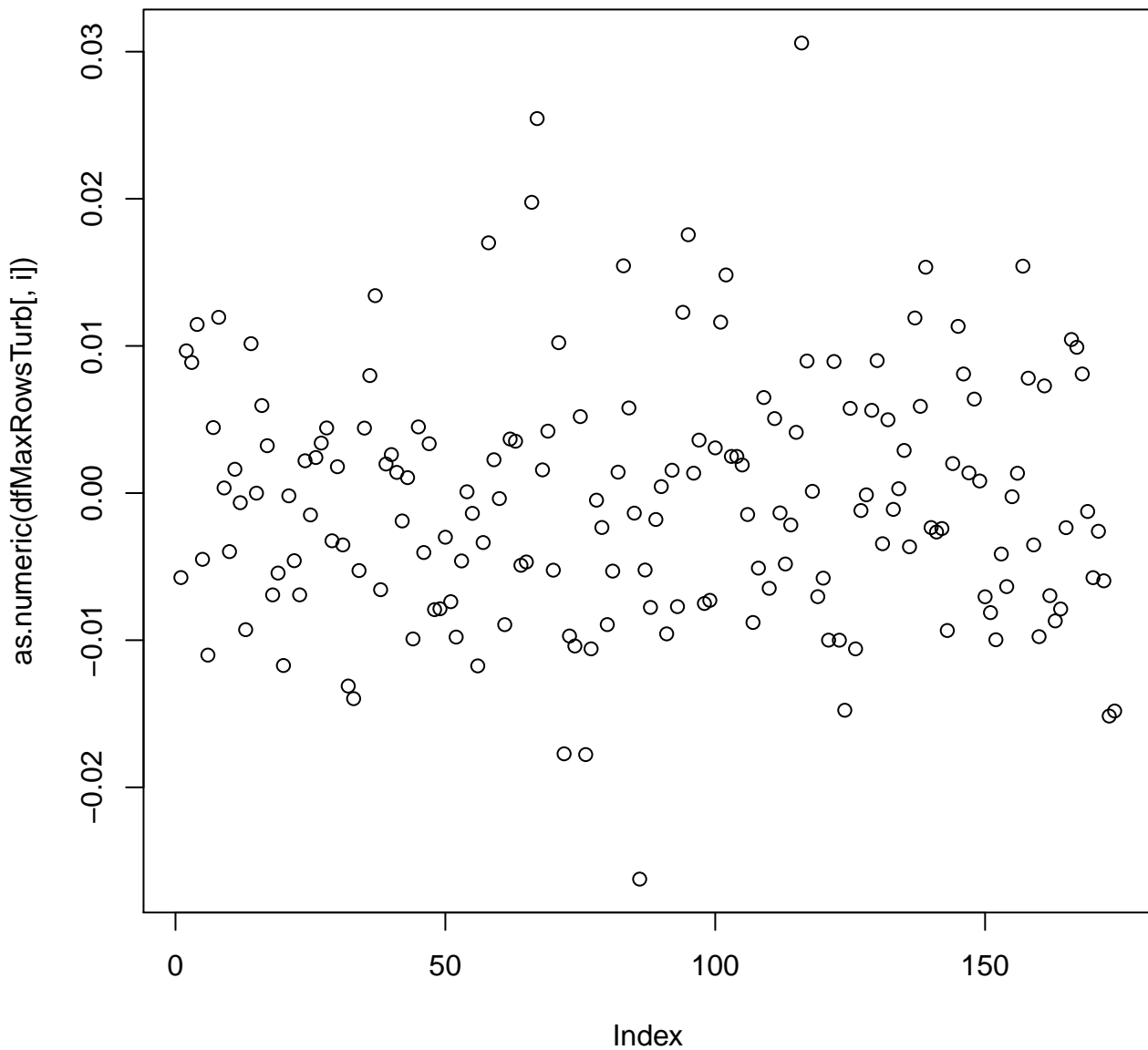
# HeightAboveSeaLevel\_Max\_1



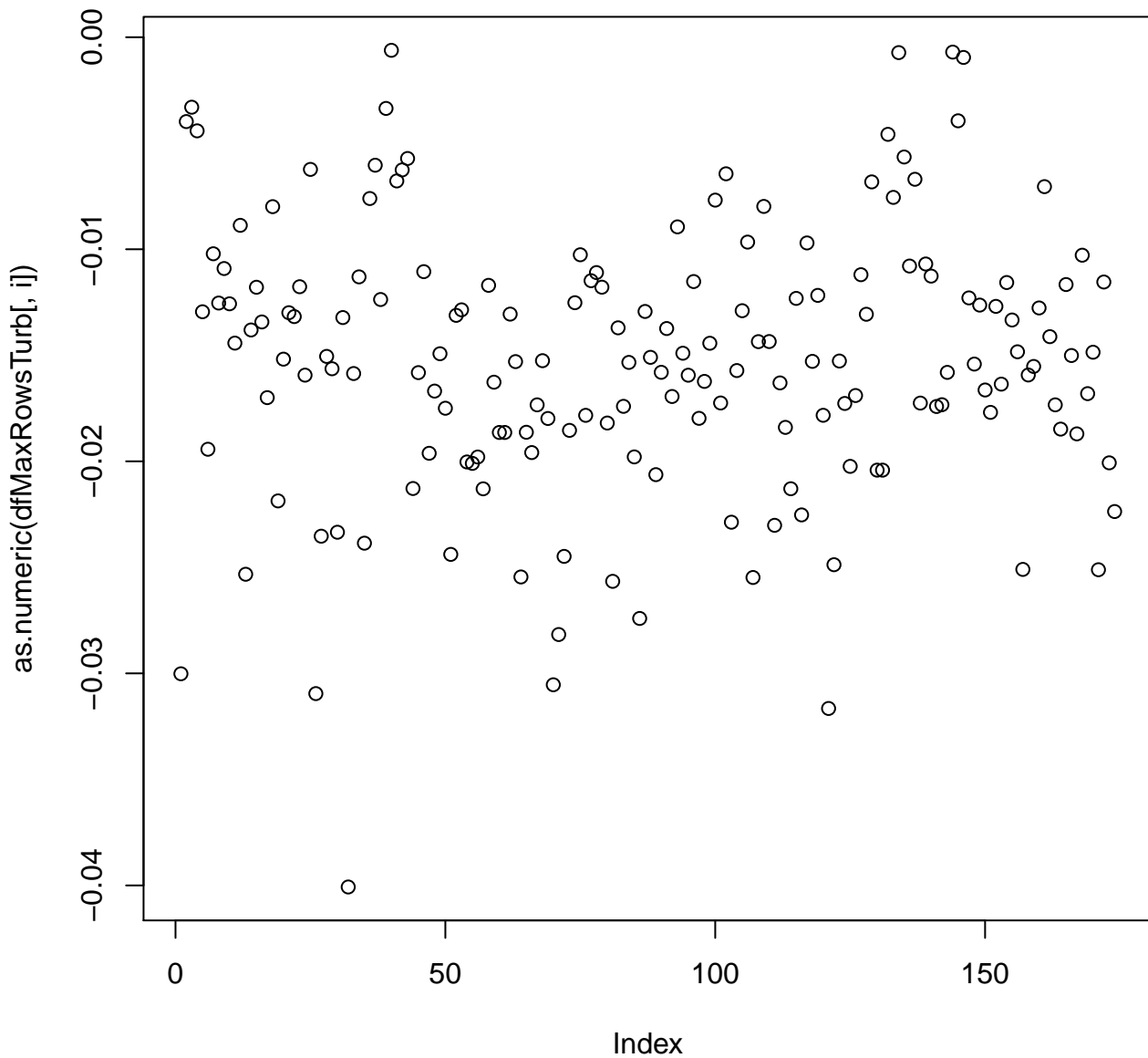
# HeightAboveSeaLevel\_Max\_24



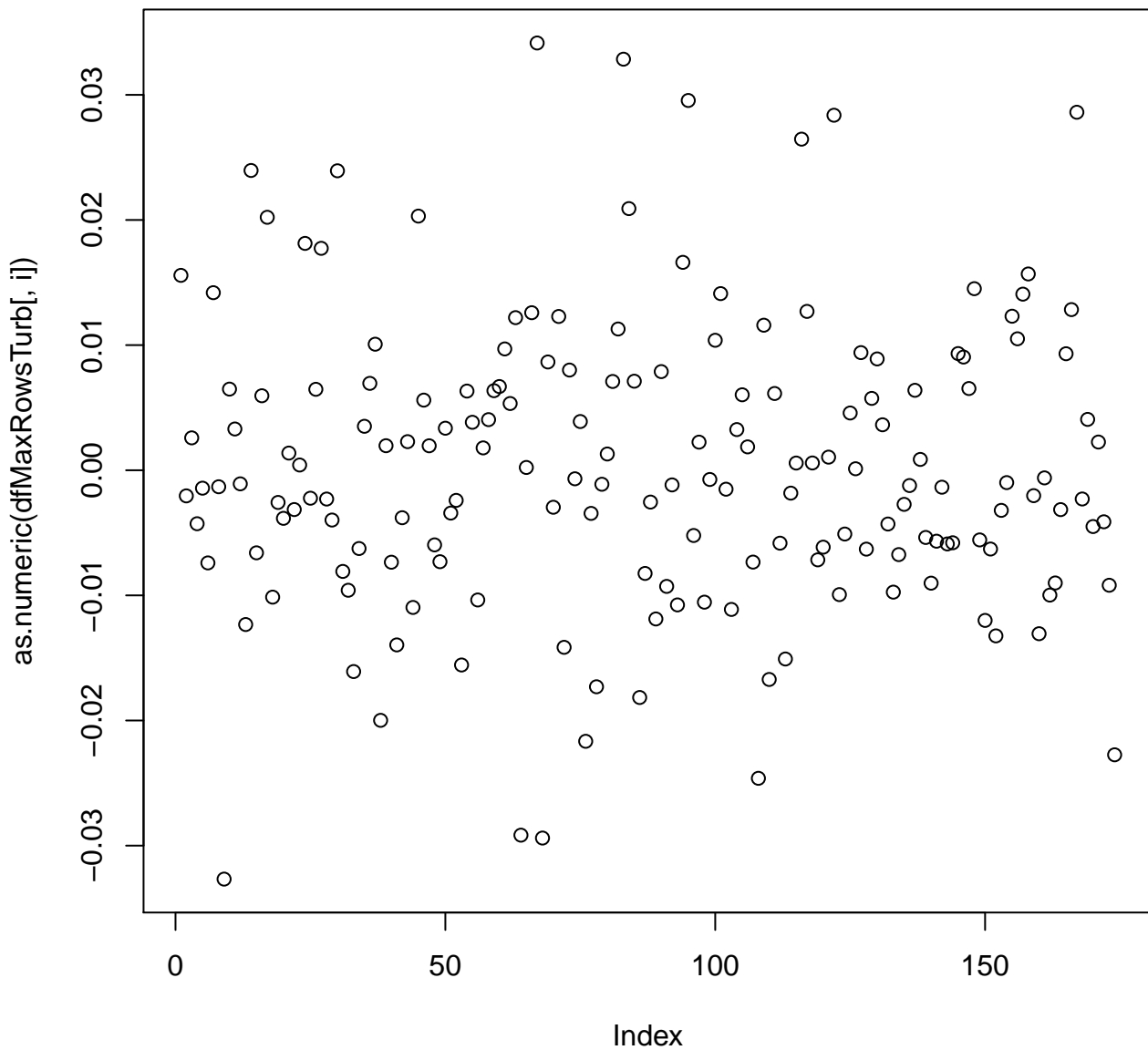
# HeightAboveSeaLevel\_Min\_1



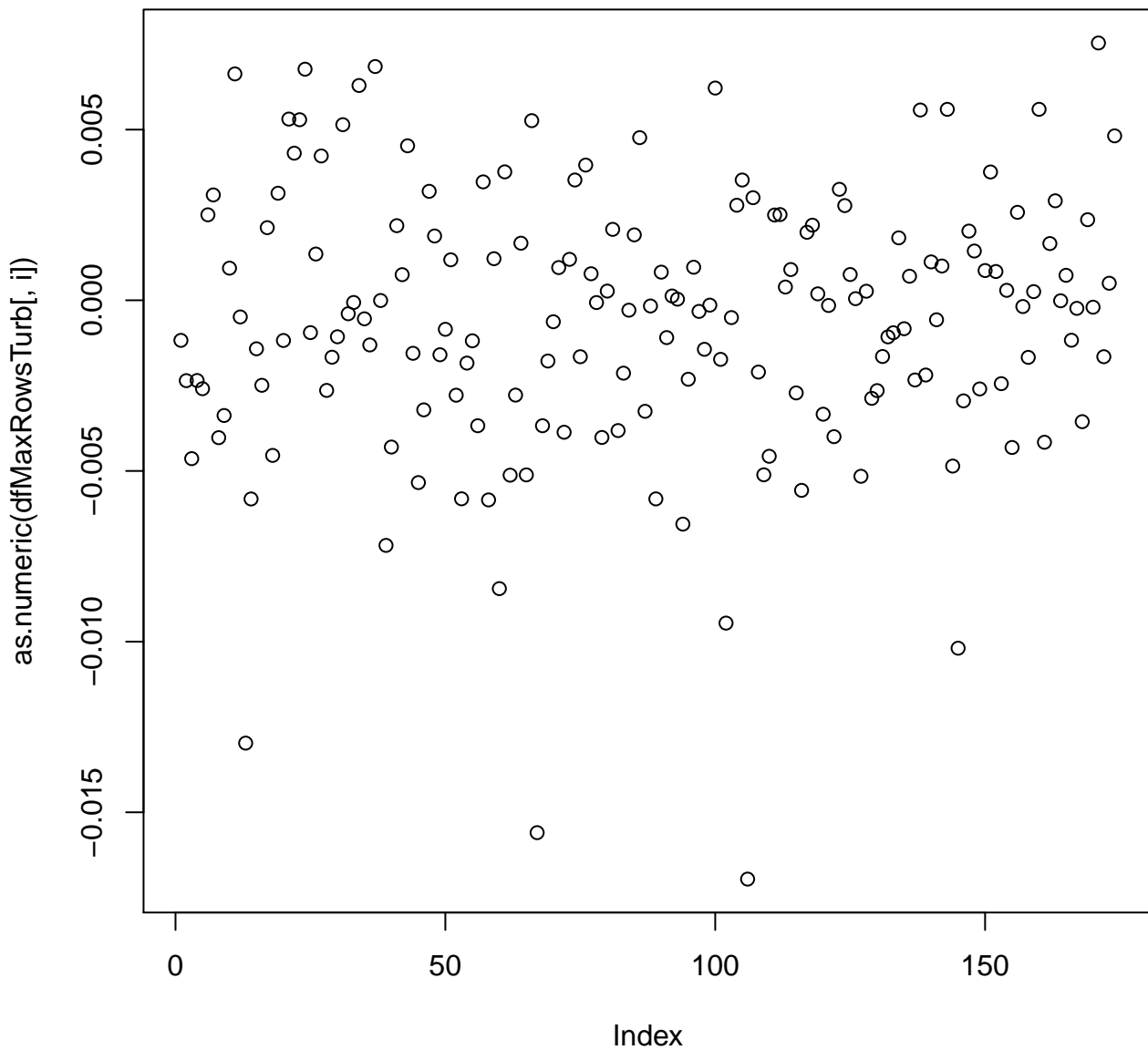
# HeightAboveSeaLevel\_Min\_24



# HeightAboveSeaLevel\_Diff\_24

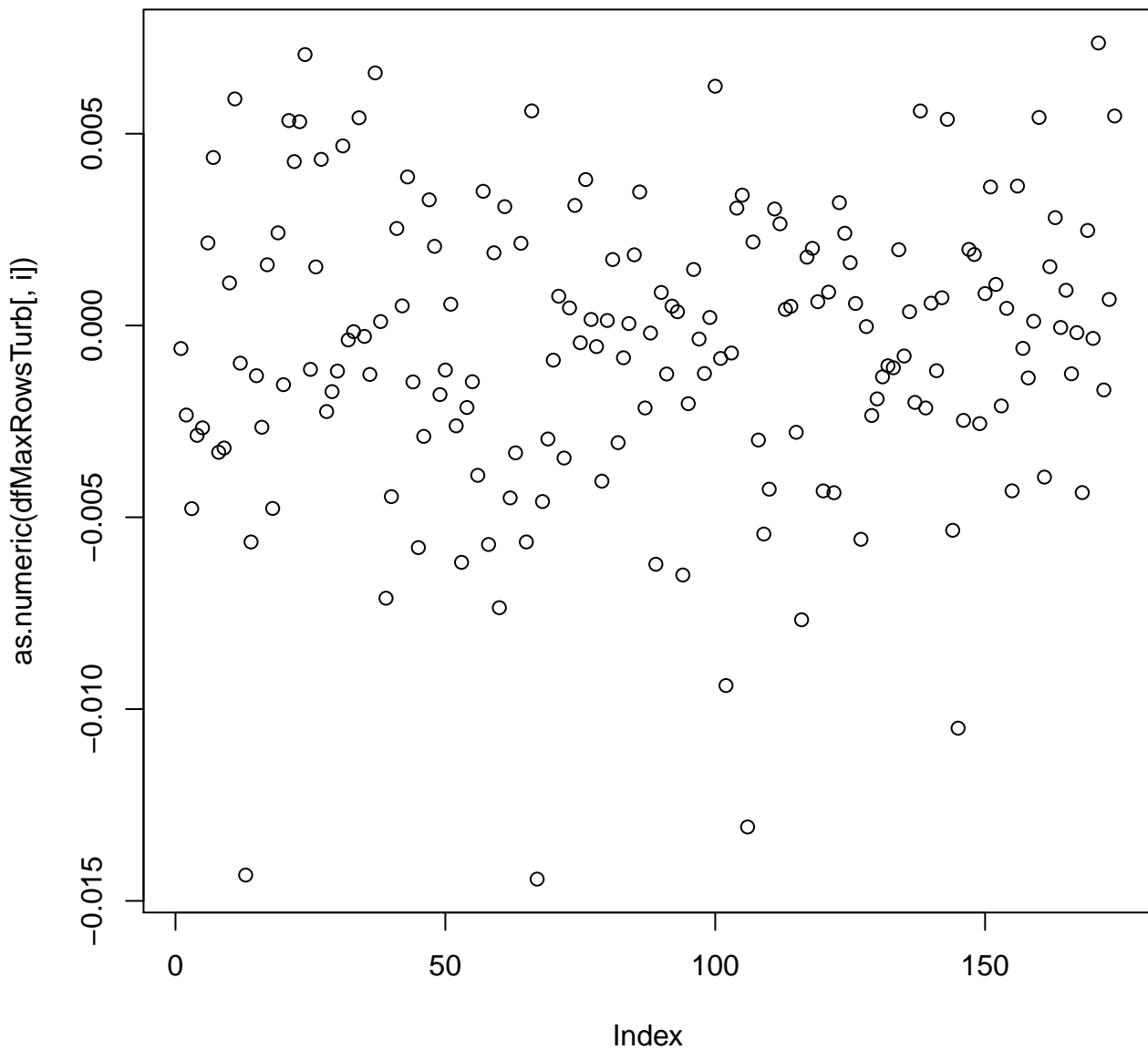


# CurrentDepthAveraged\_Mean\_1\_perp

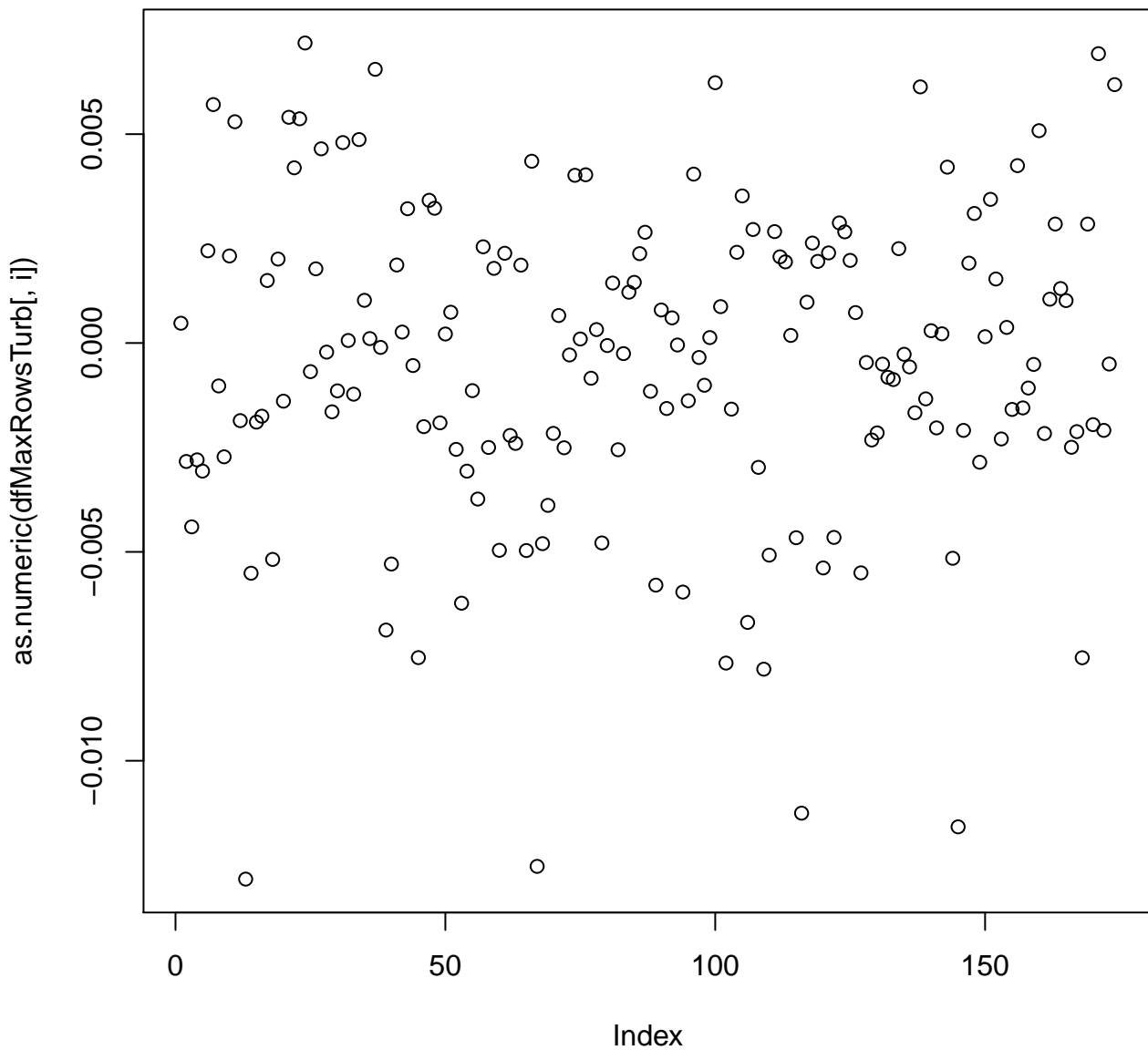




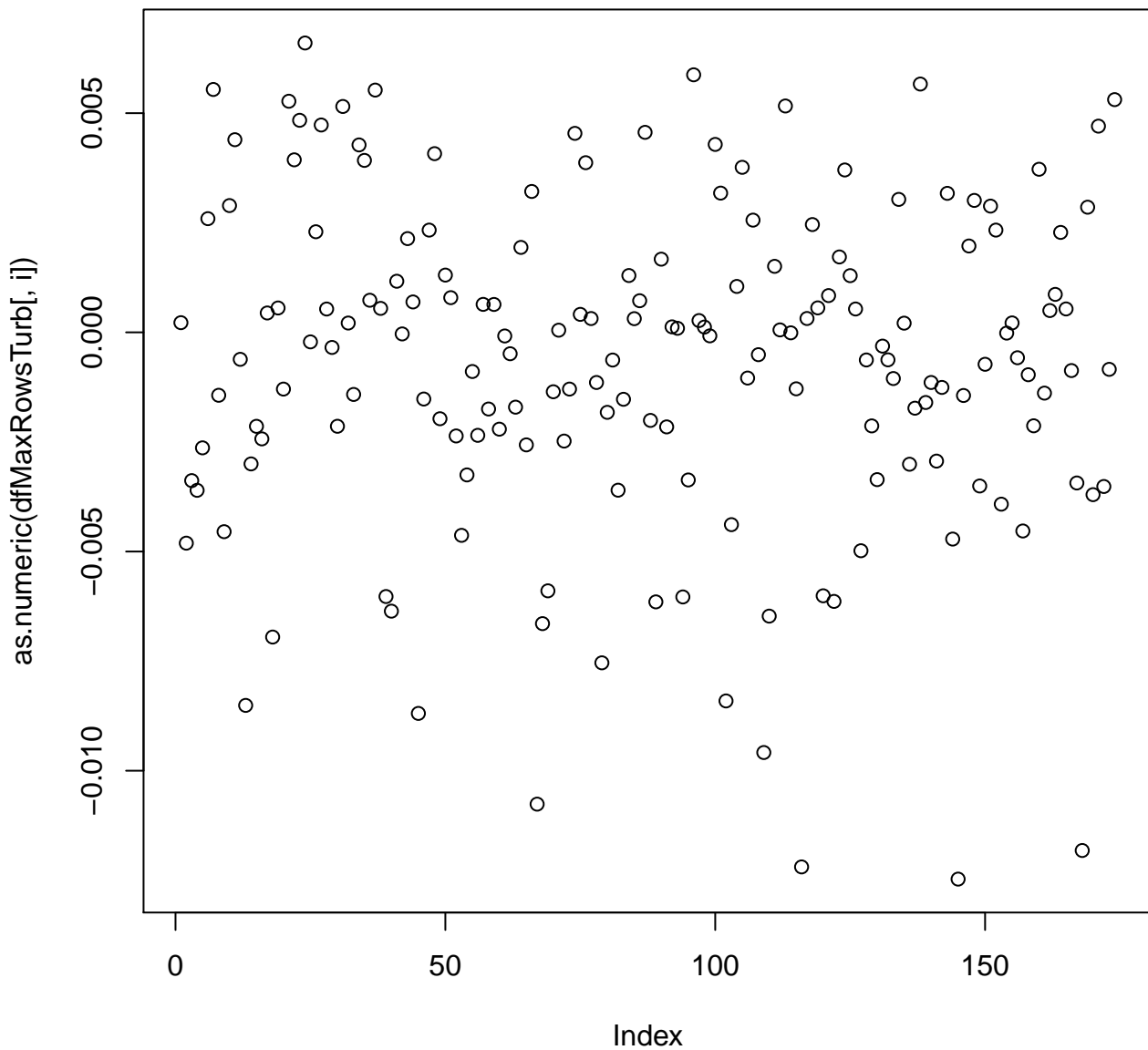
# CurrentDepthAveraged\_Mean\_2\_perp



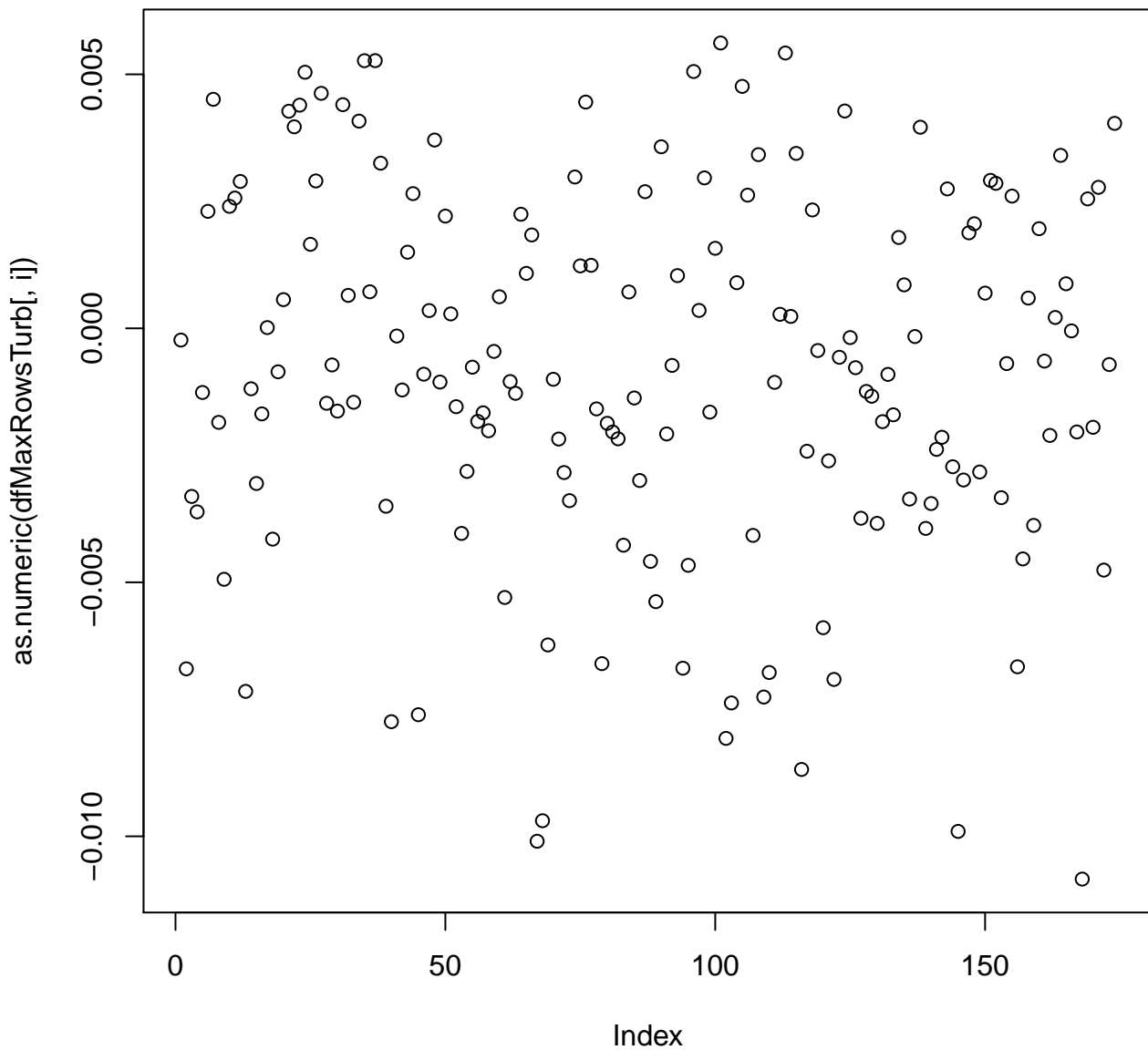
# CurrentDepthAveraged\_Mean\_6\_perp



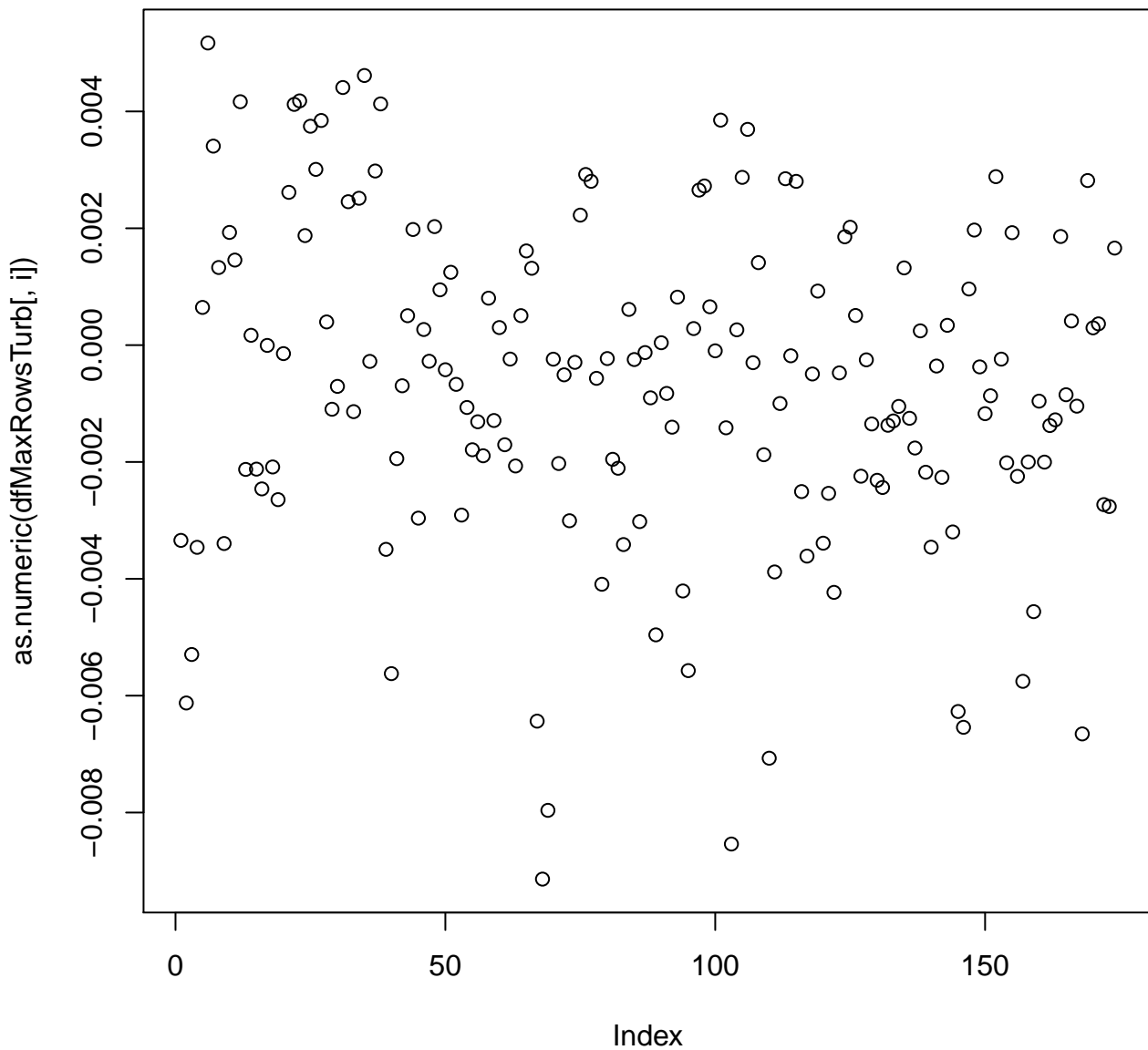
# CurrentDepthAveraged\_Mean\_12\_perp



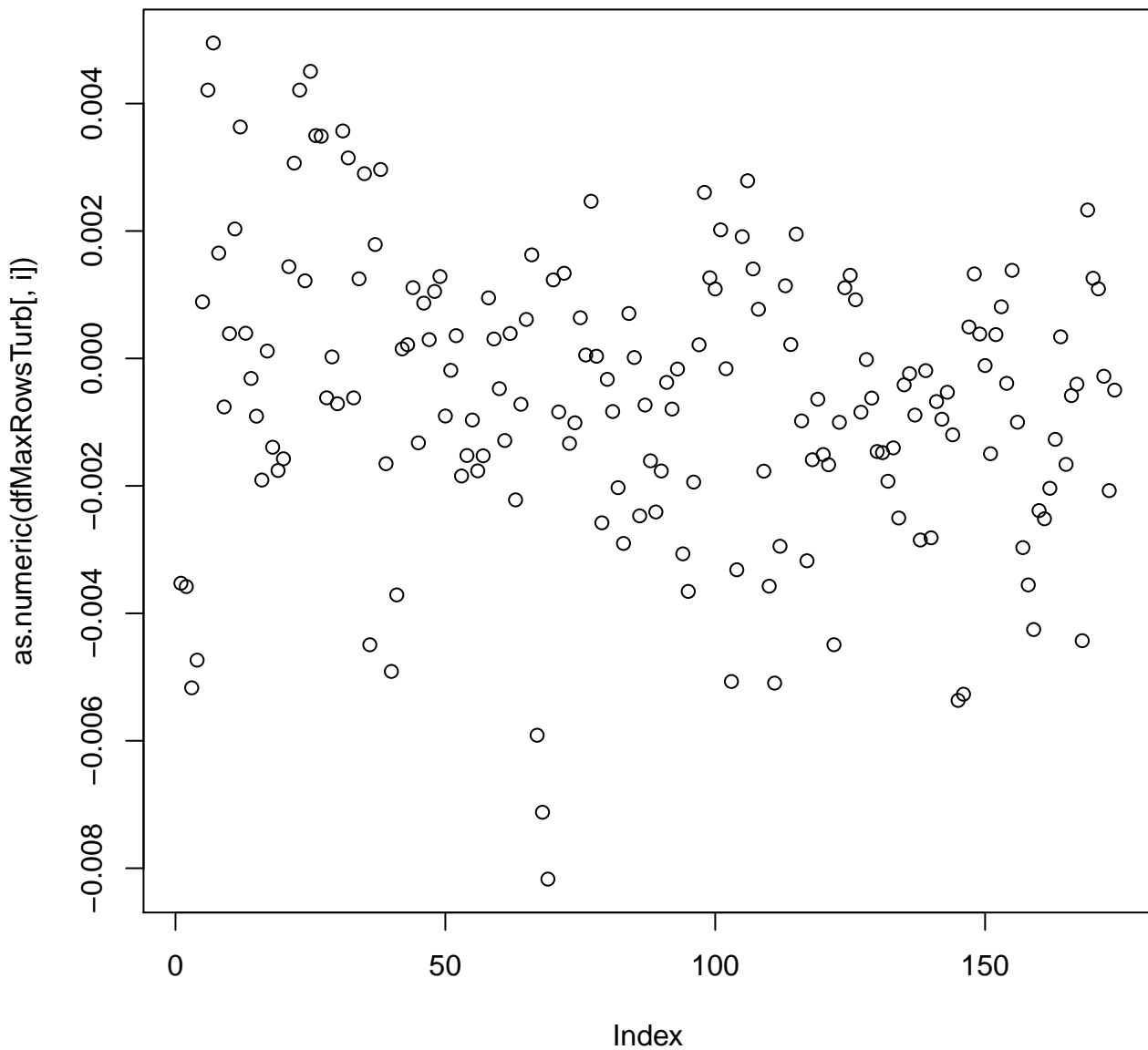
**CurrentDepthAveraged\_Mean\_24\_perp**



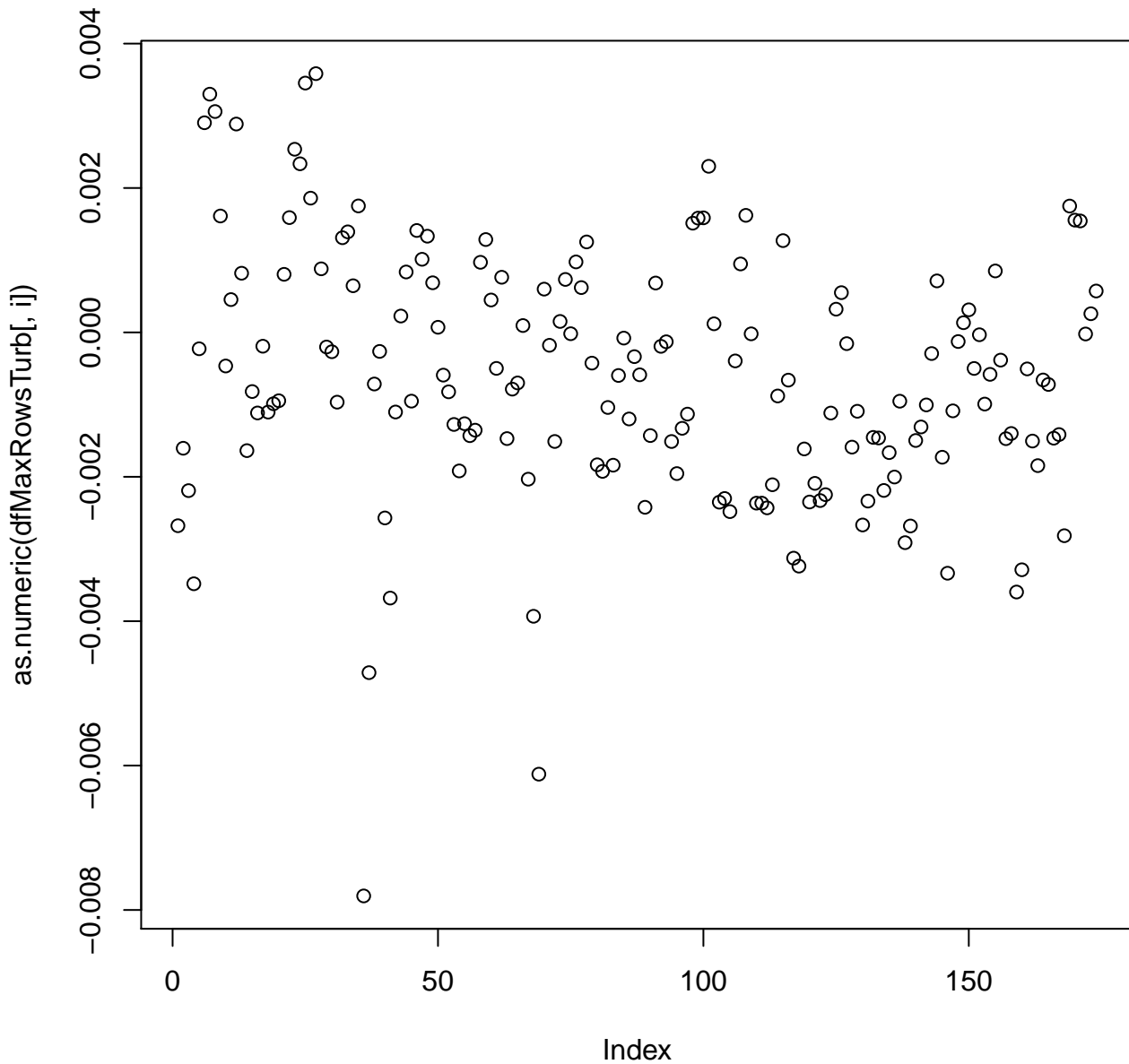
# CurrentDepthAveraged\_Mean\_48\_perp



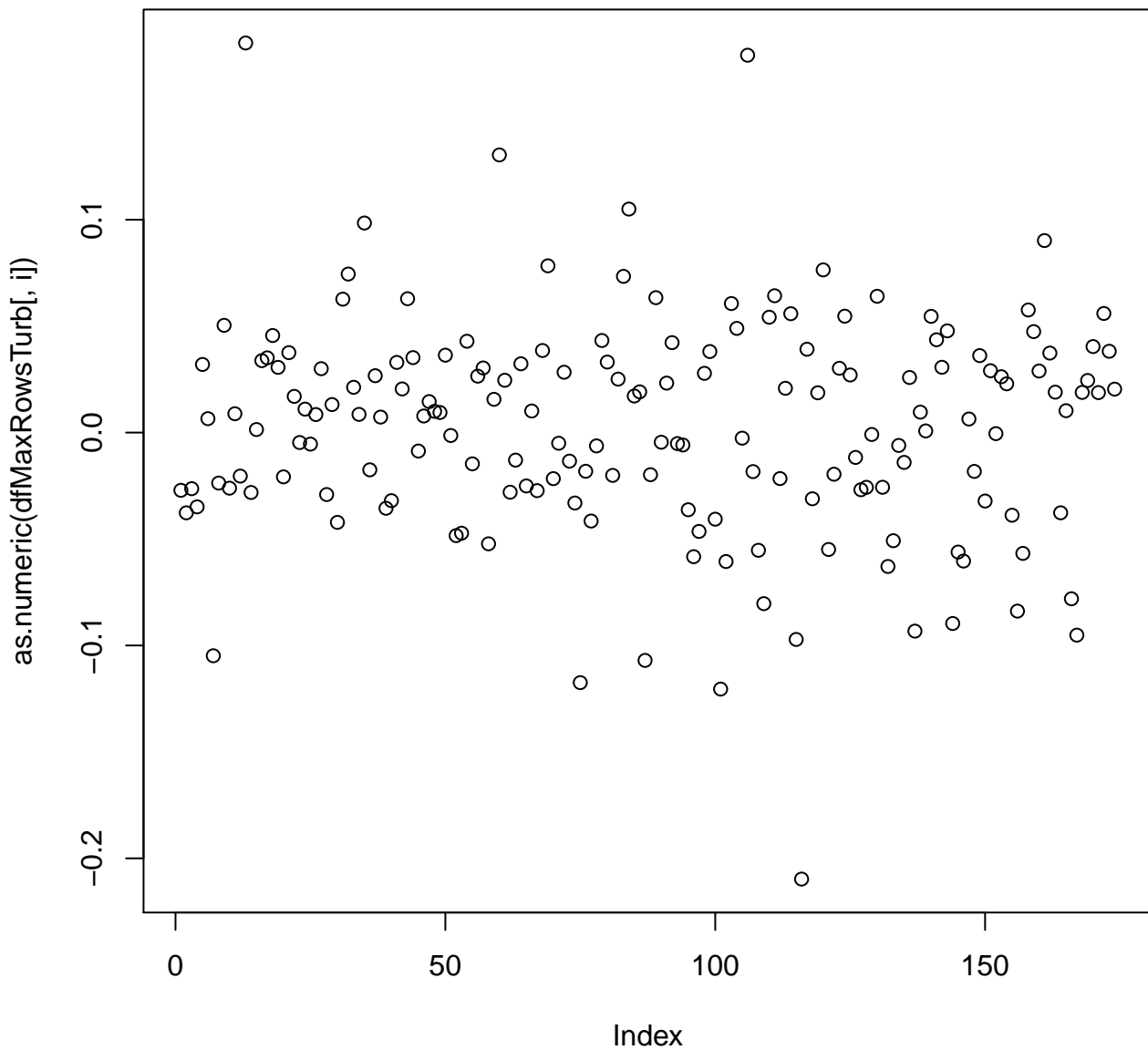
# CurrentDepthAveraged\_Mean\_72\_perp



**CurrentDepthAveraged\_Mean\_120\_perp**

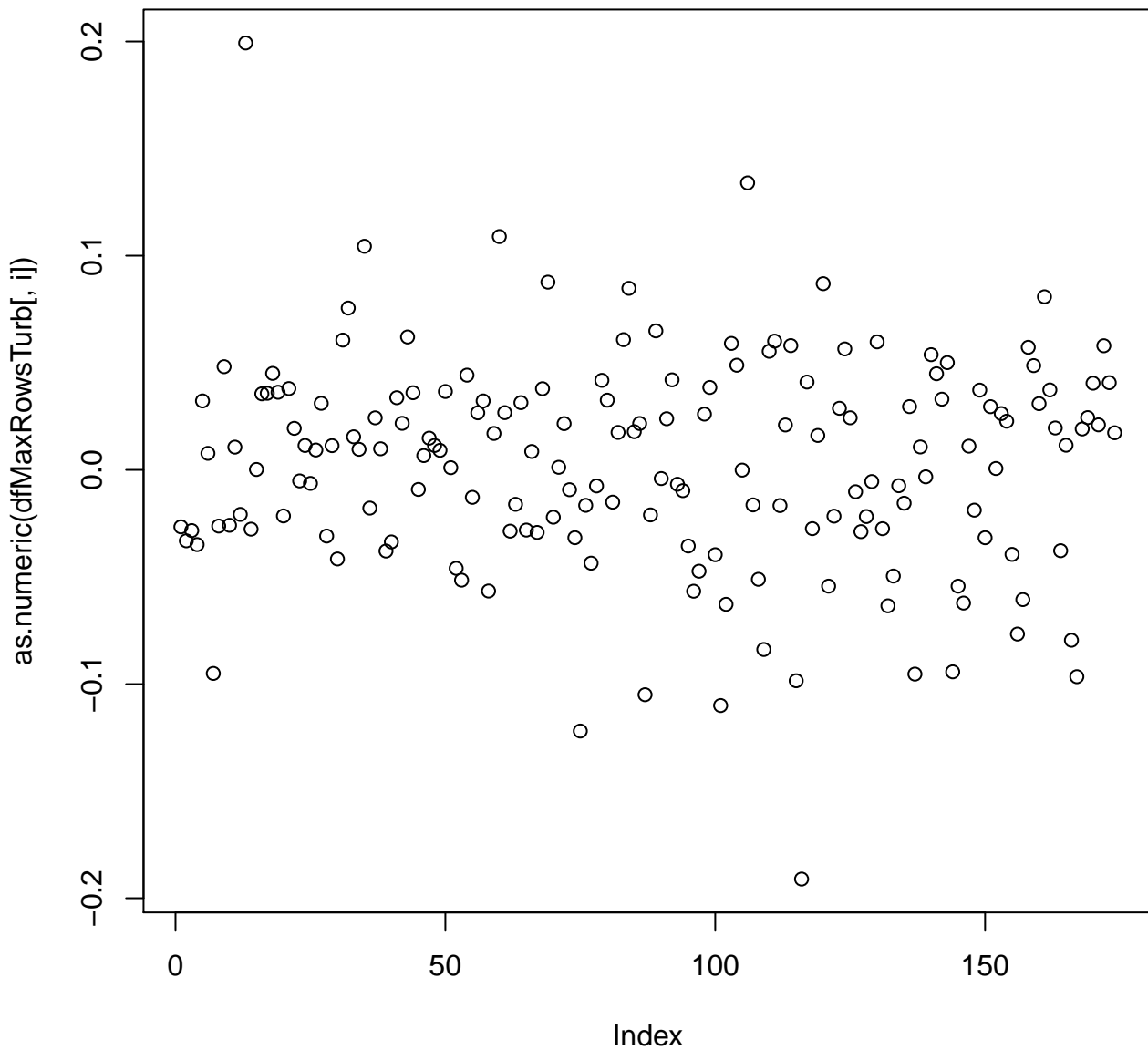


CurrentDepthAveraged\_Mean\_1\_par

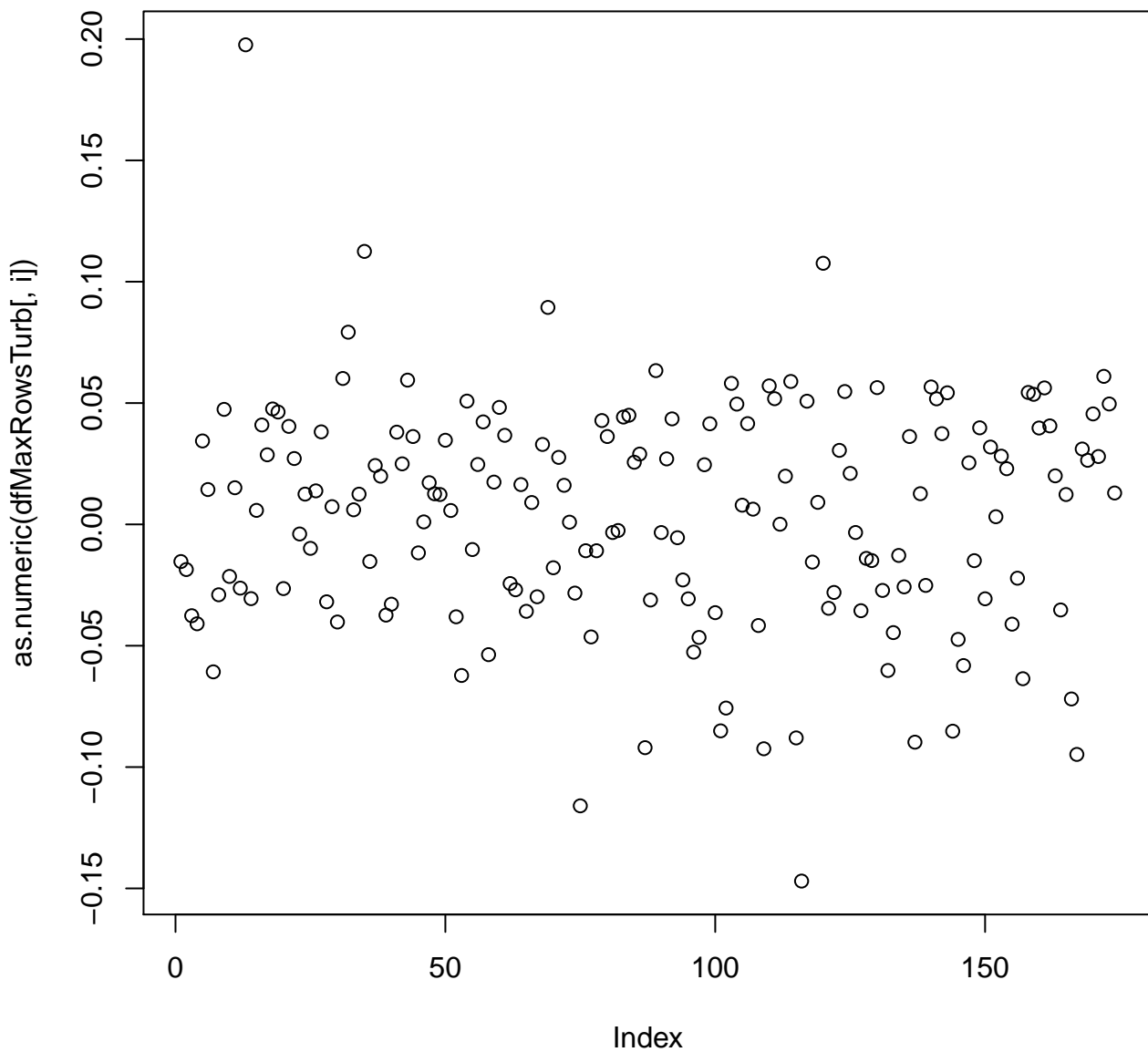




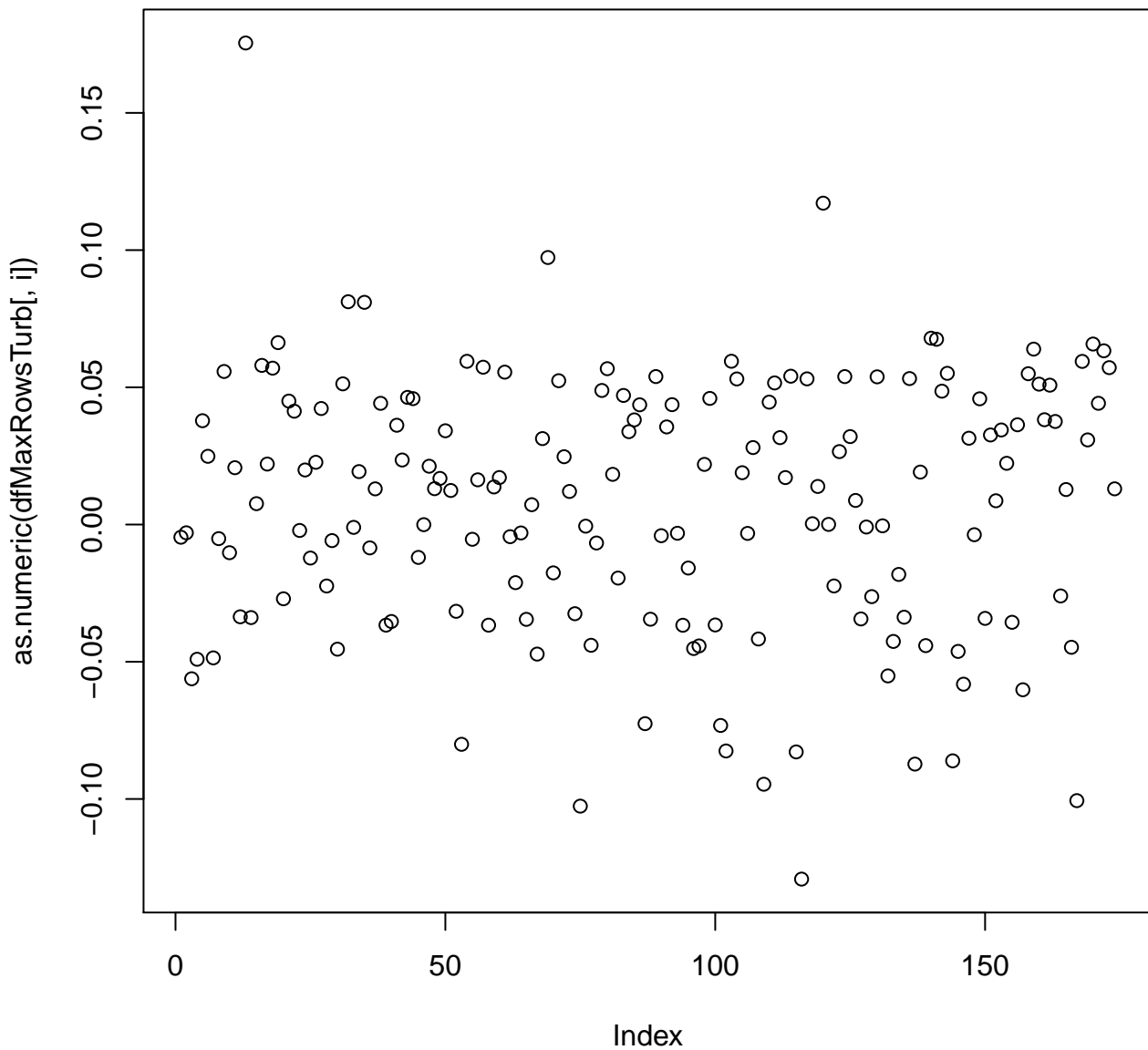
**CurrentDepthAveraged\_Mean\_2\_par**



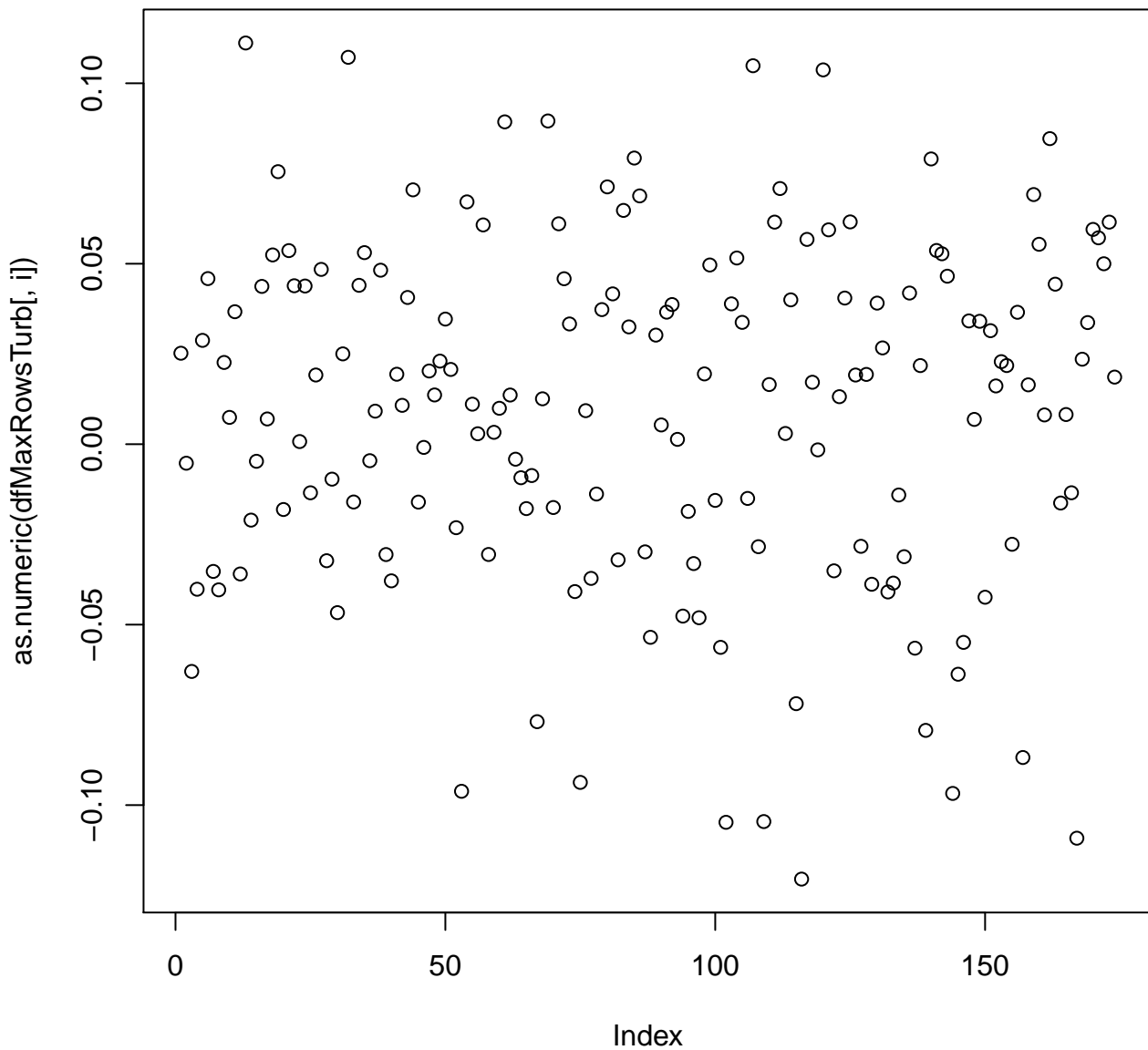
**CurrentDepthAveraged\_Mean\_6\_par**



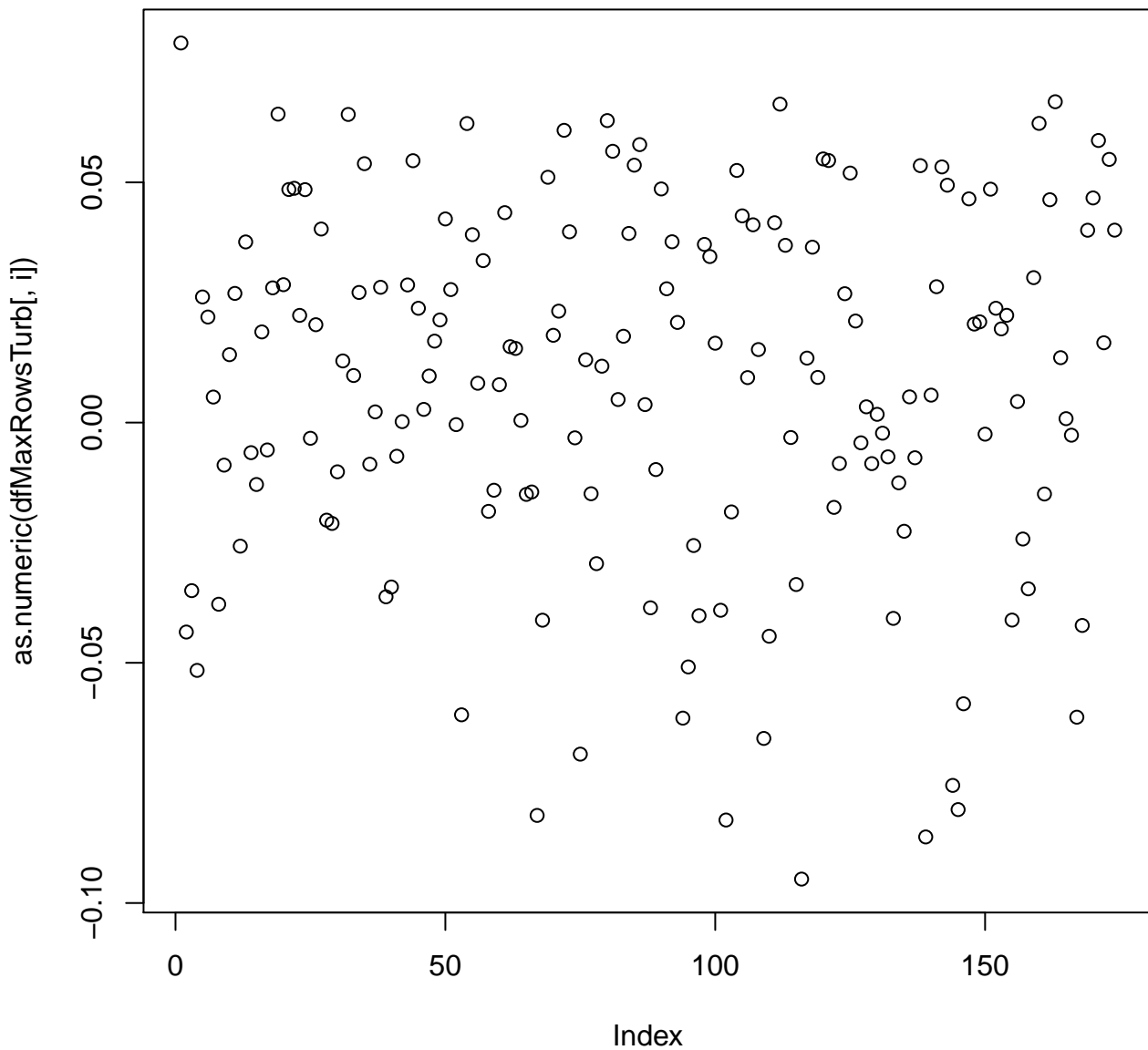
# CurrentDepthAveraged\_Mean\_12\_par



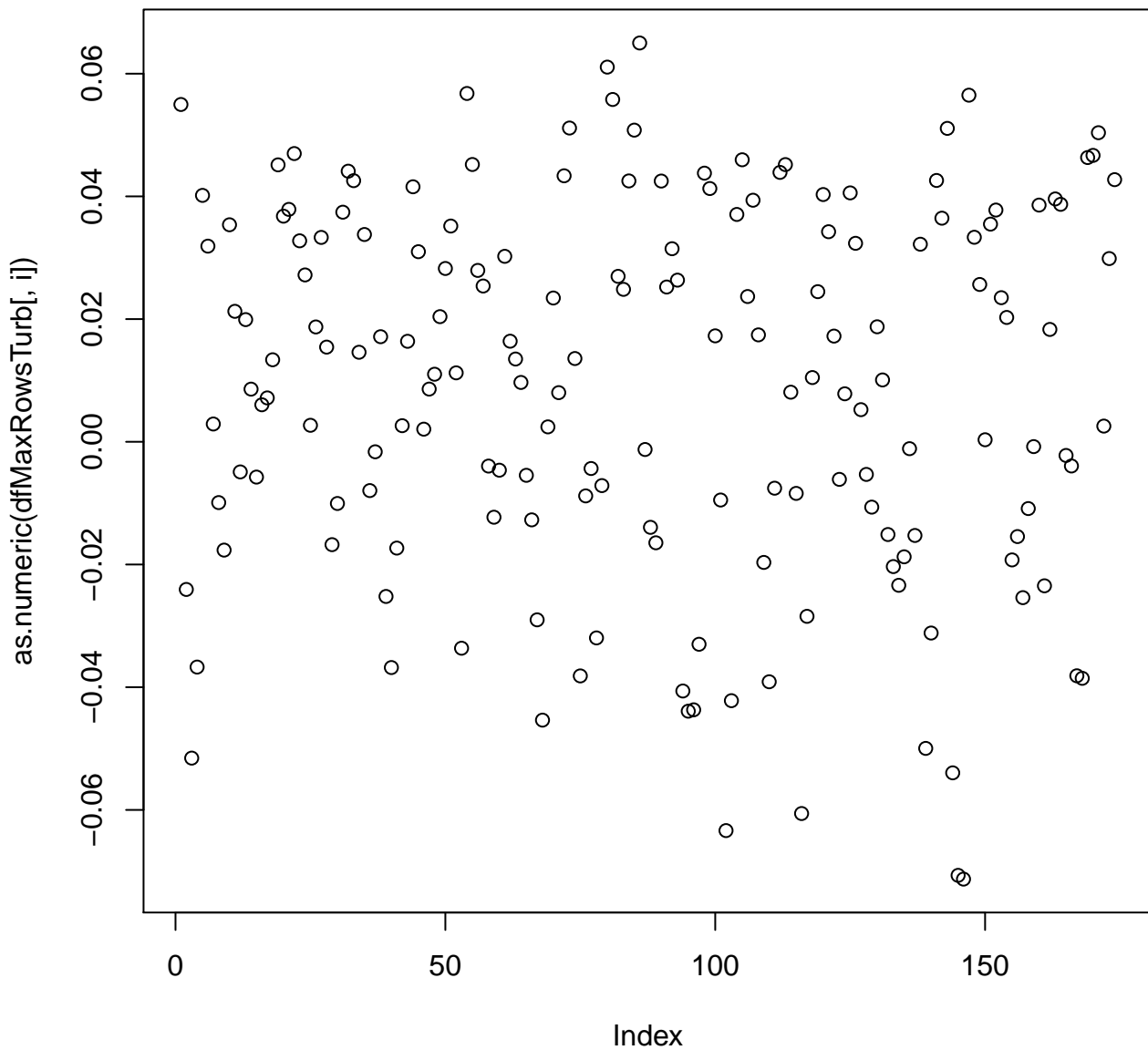
# CurrentDepthAveraged\_Mean\_24\_par



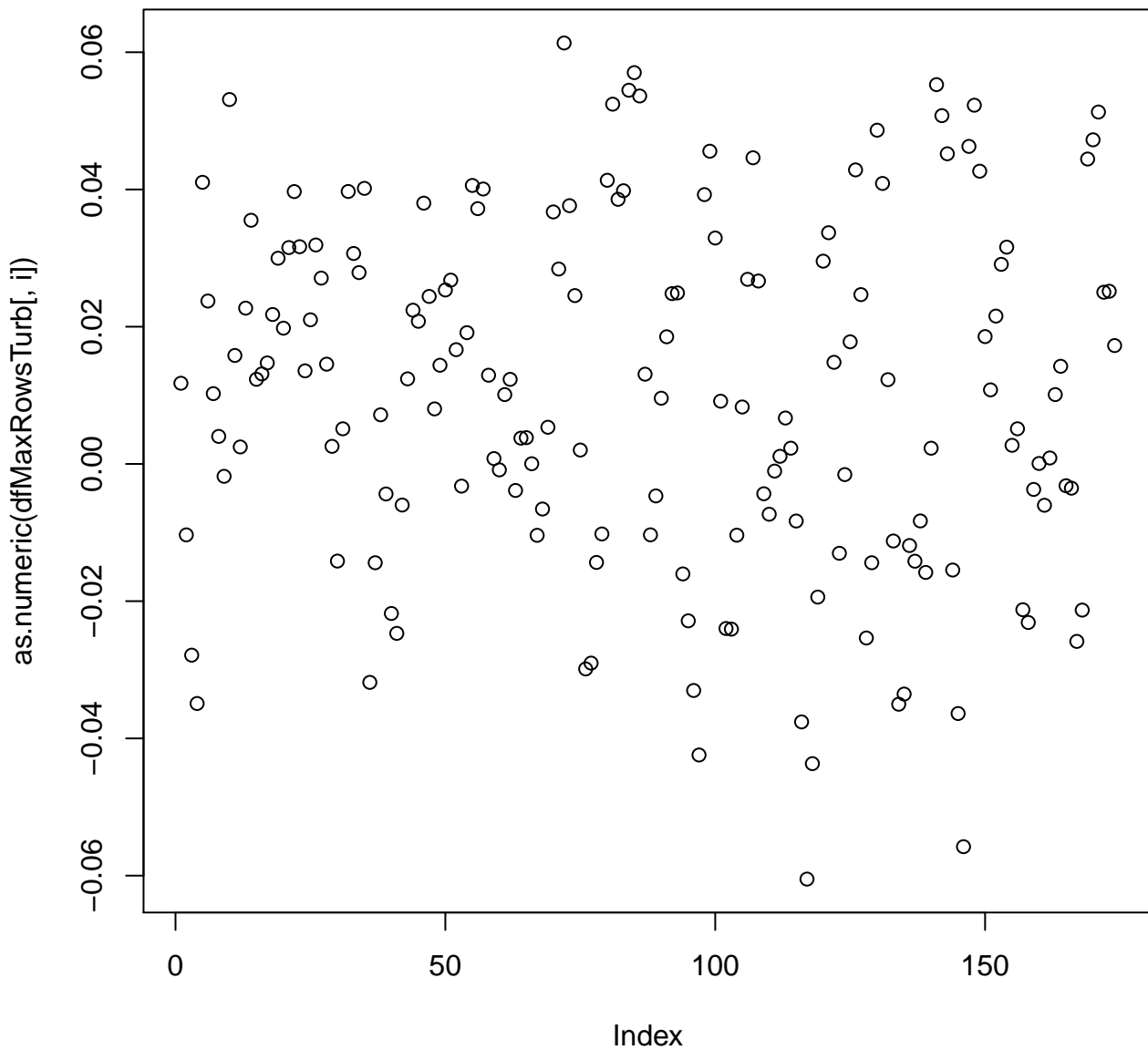
**CurrentDepthAveraged\_Mean\_48\_par**



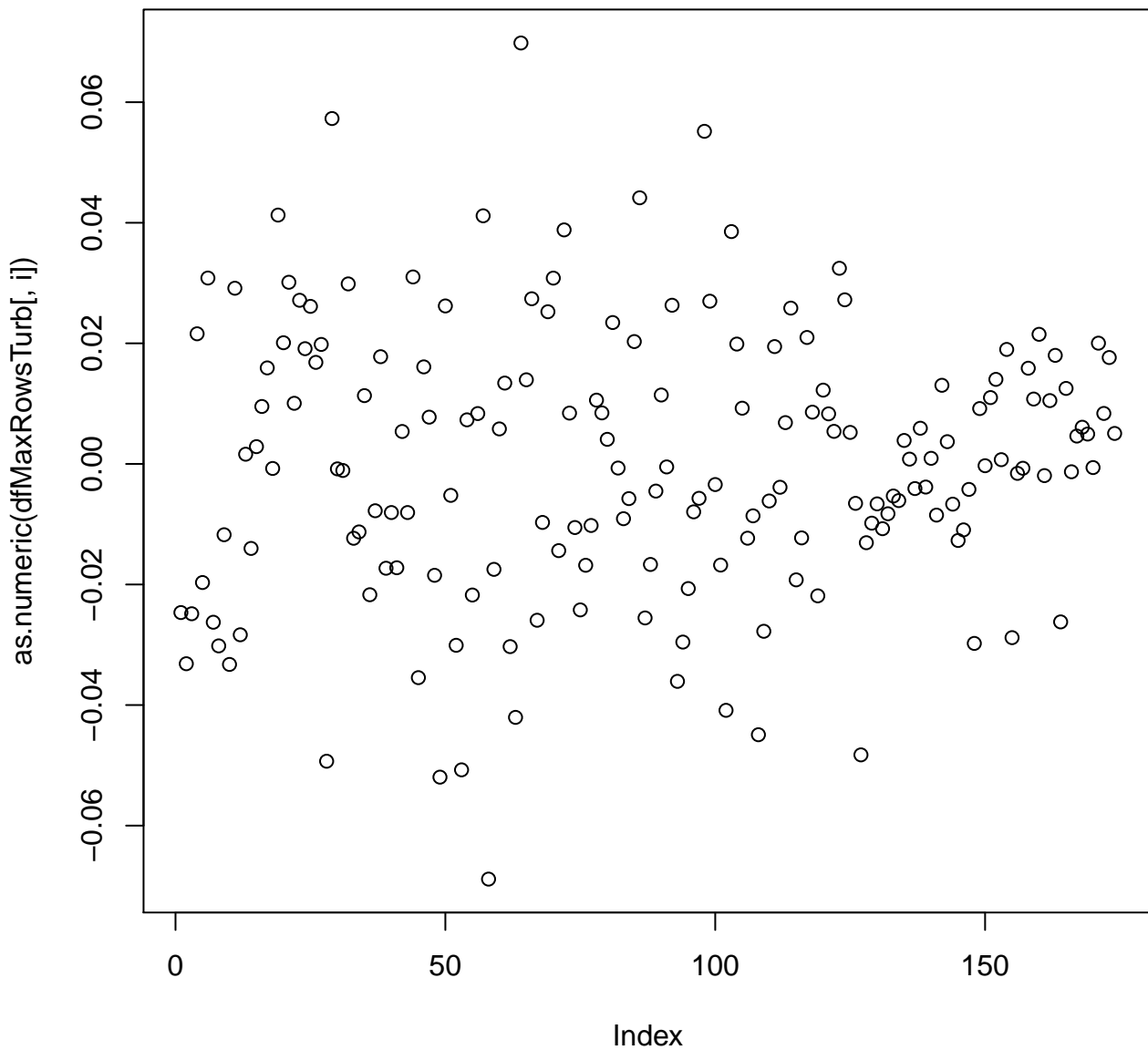
# CurrentDepthAveraged\_Mean\_72\_par



# CurrentDepthAveraged\_Mean\_120\_par

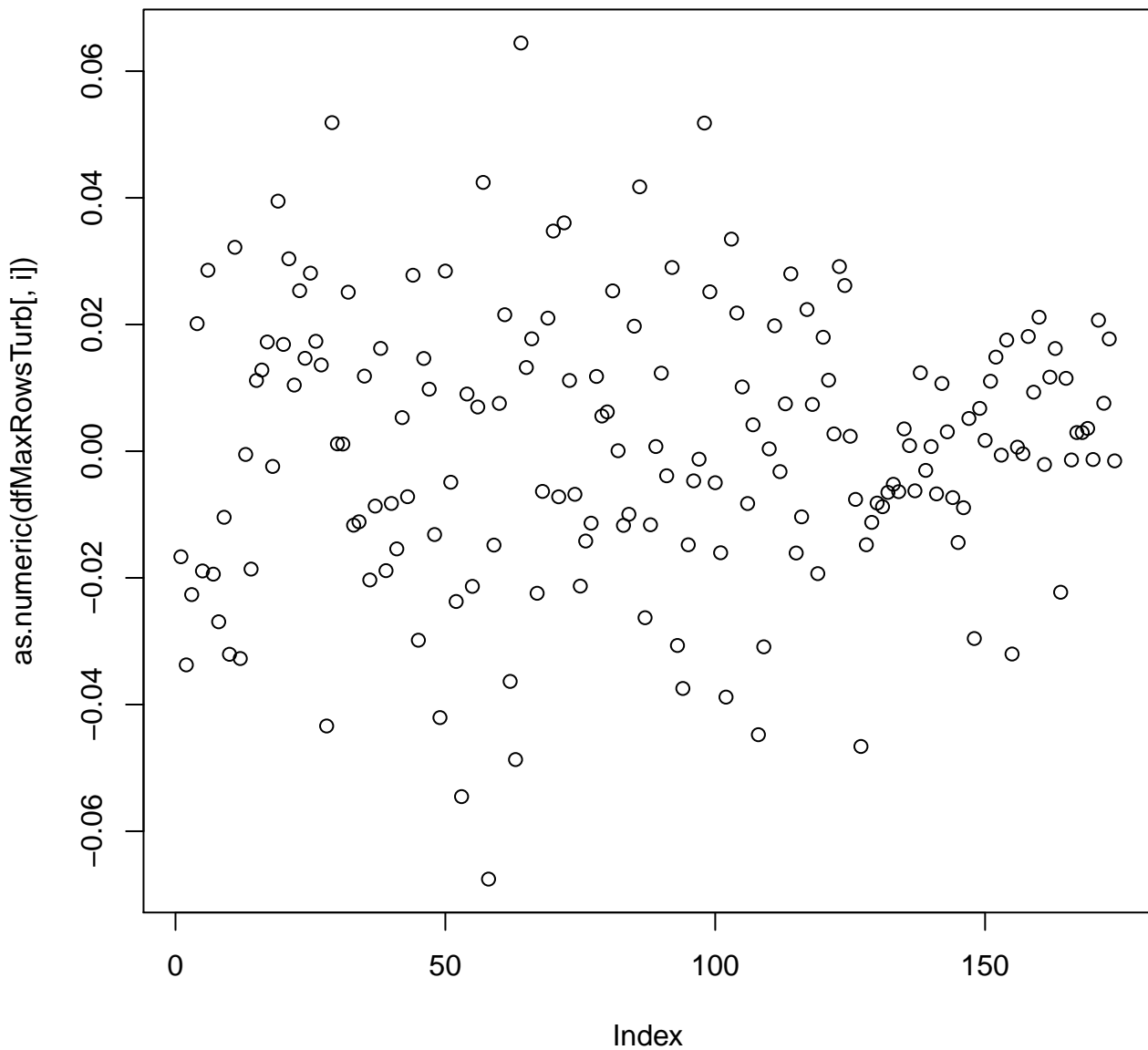


**CurrentSurface\_Mean\_1\_perp**

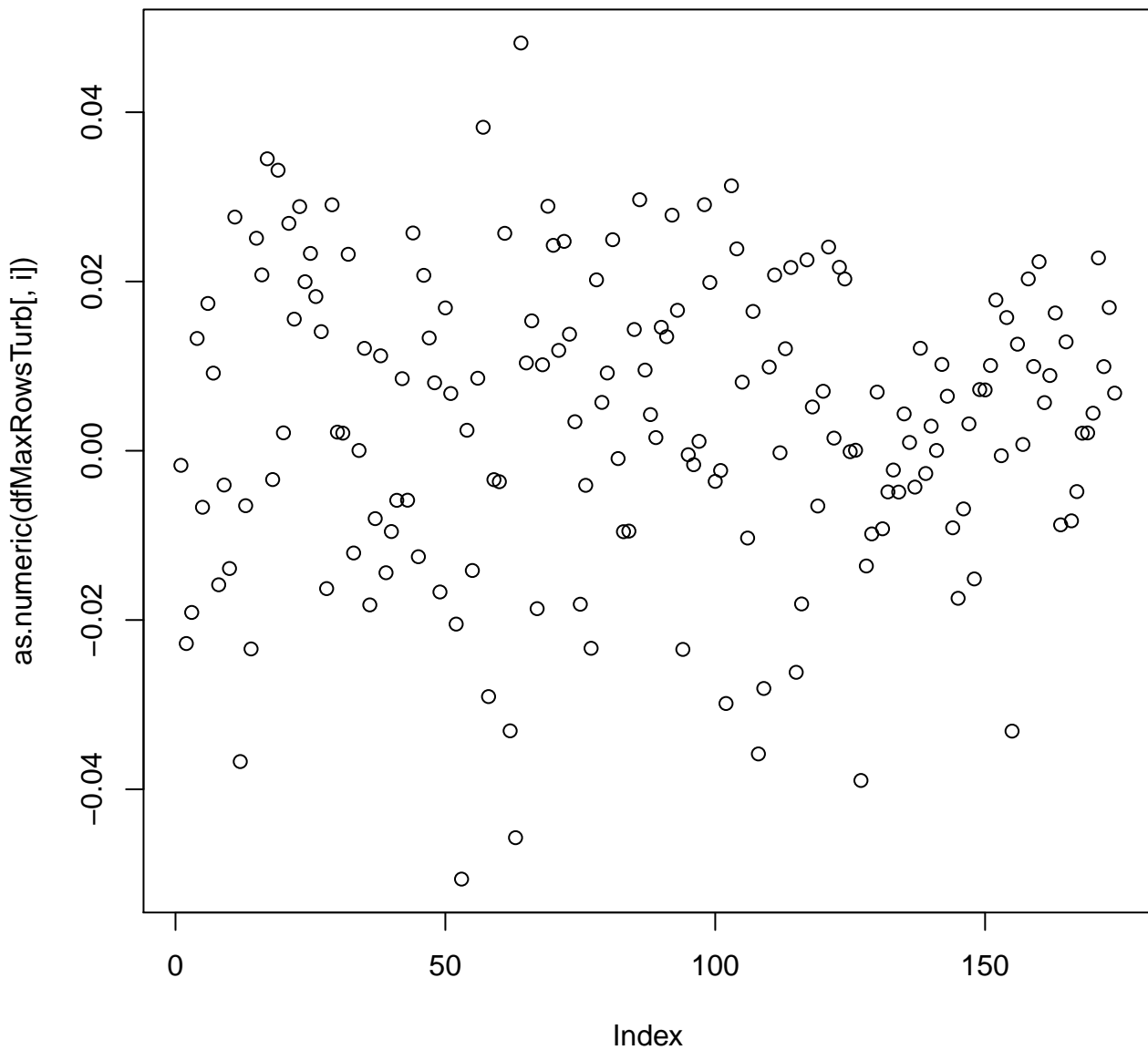




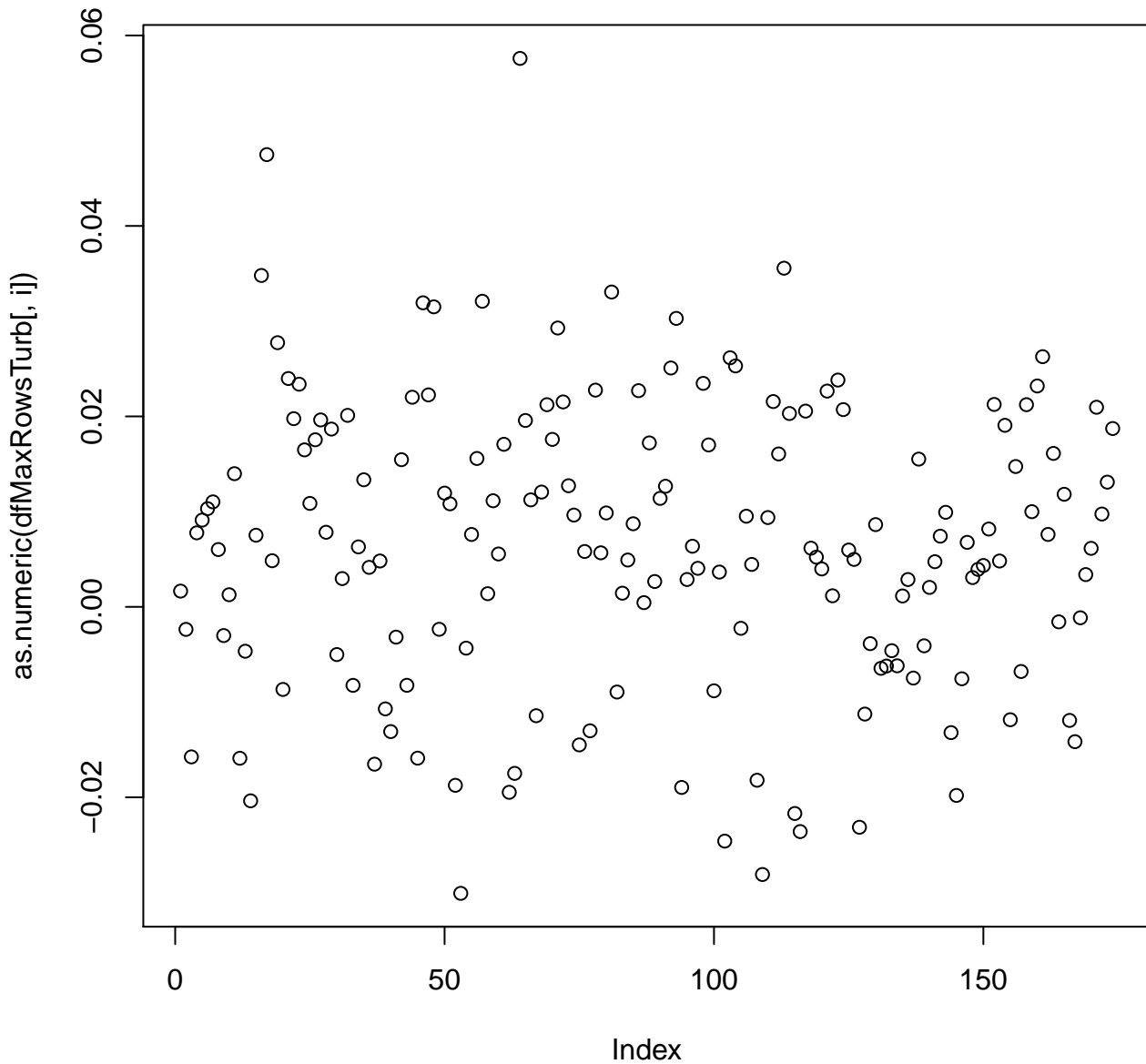
# CurrentSurface\_Mean\_2\_perp



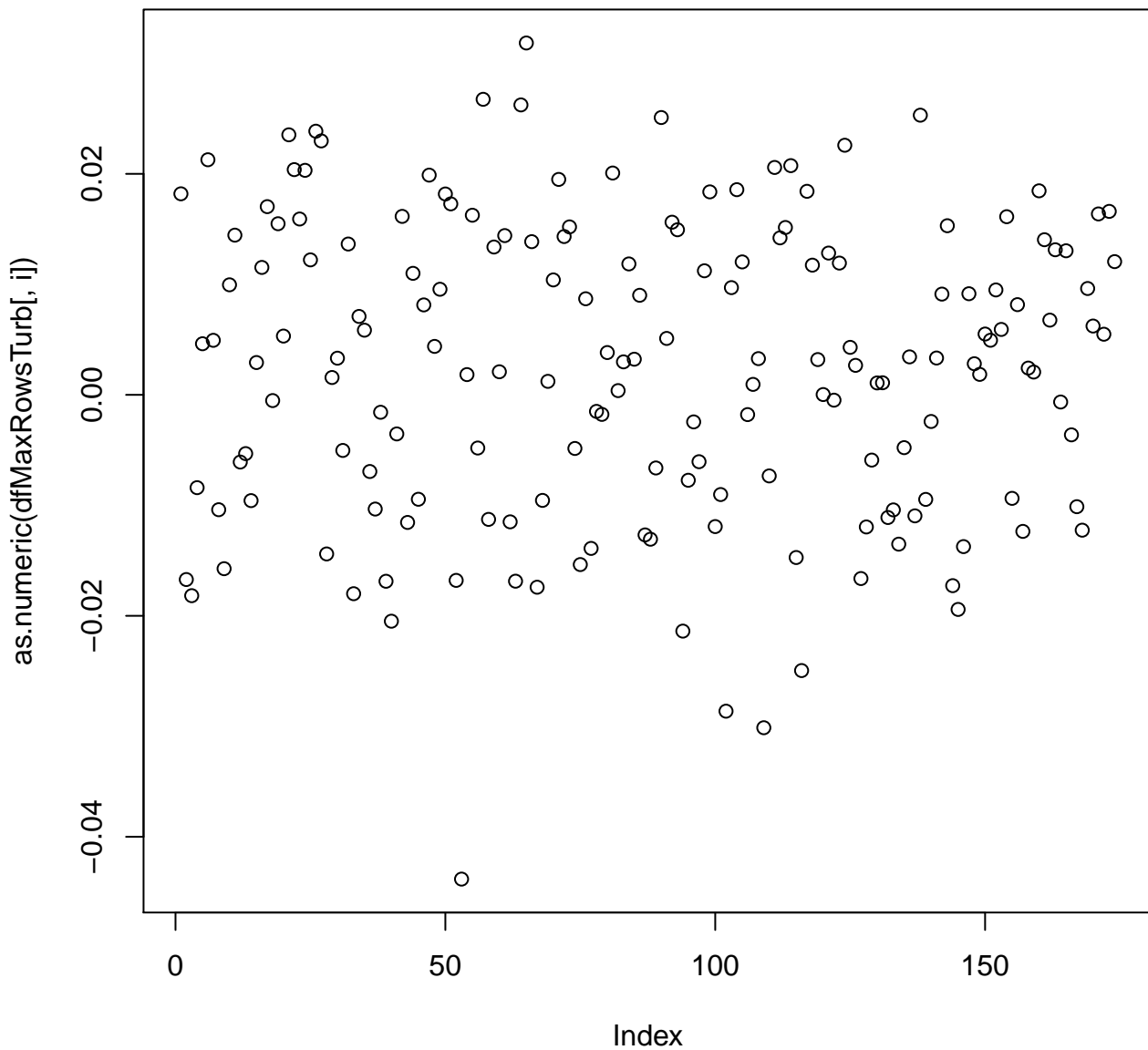
**CurrentSurface\_Mean\_6\_perp**



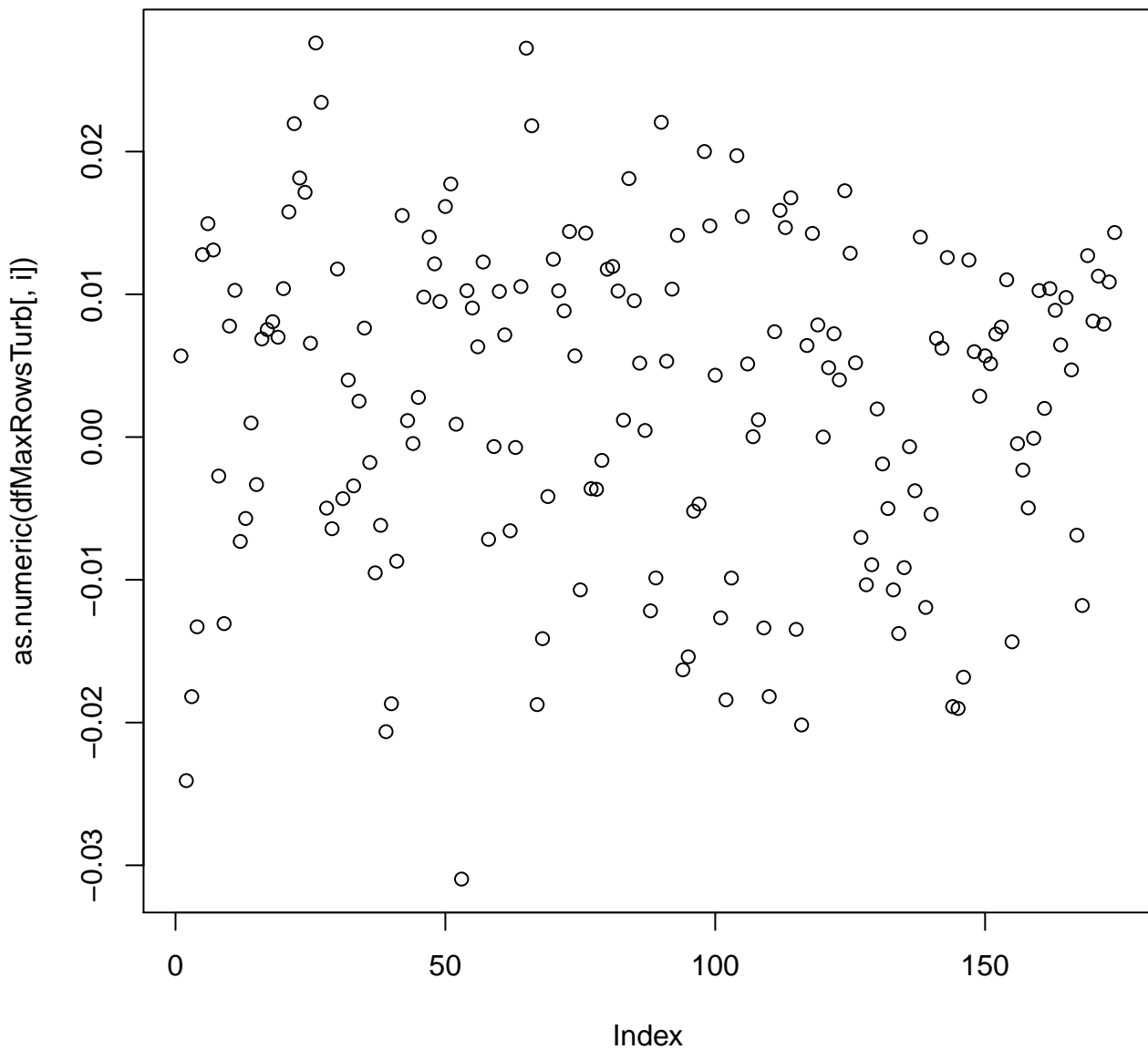
**CurrentSurface\_Mean\_12\_perp**



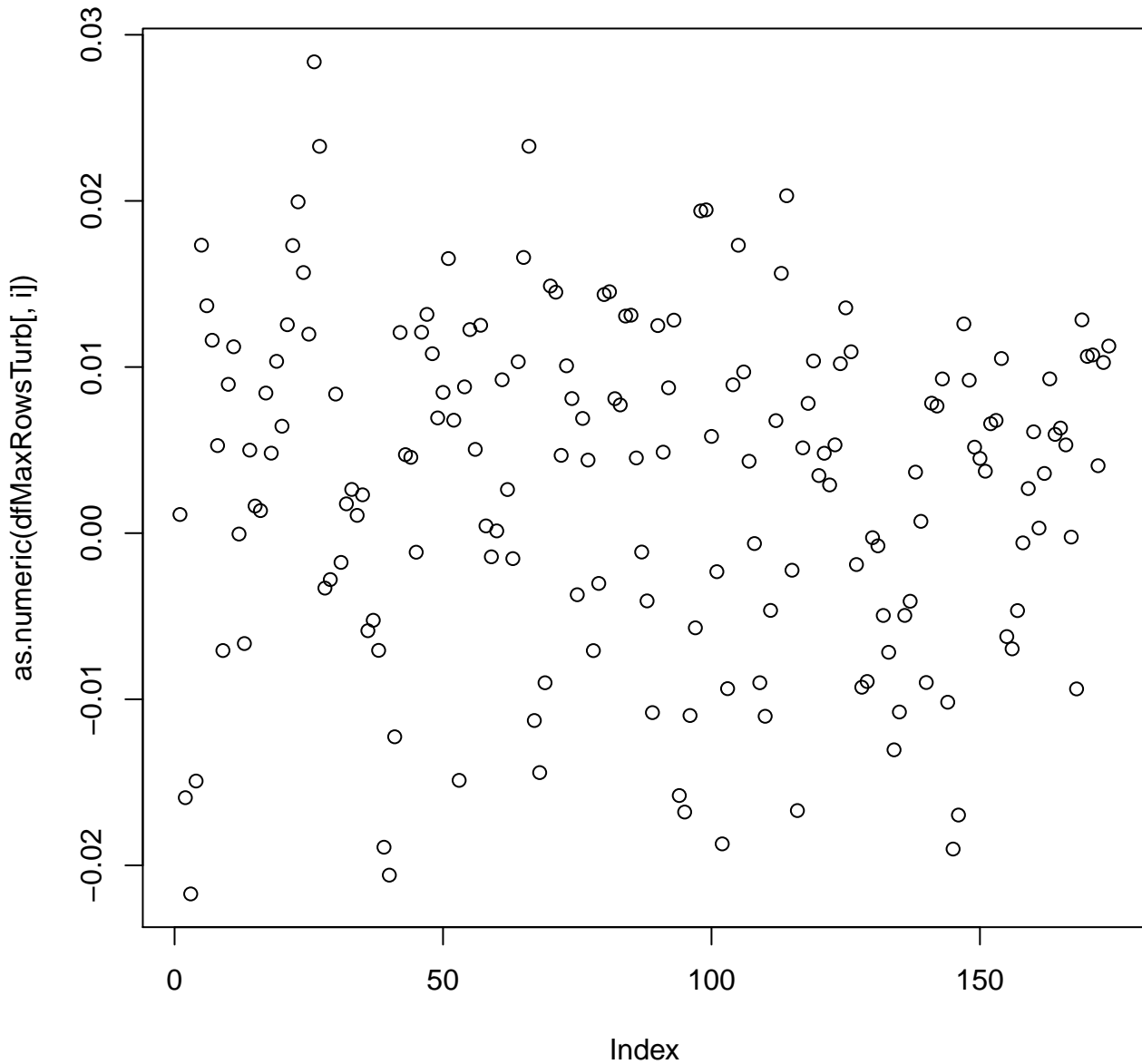
**CurrentSurface\_Mean\_24\_perp**



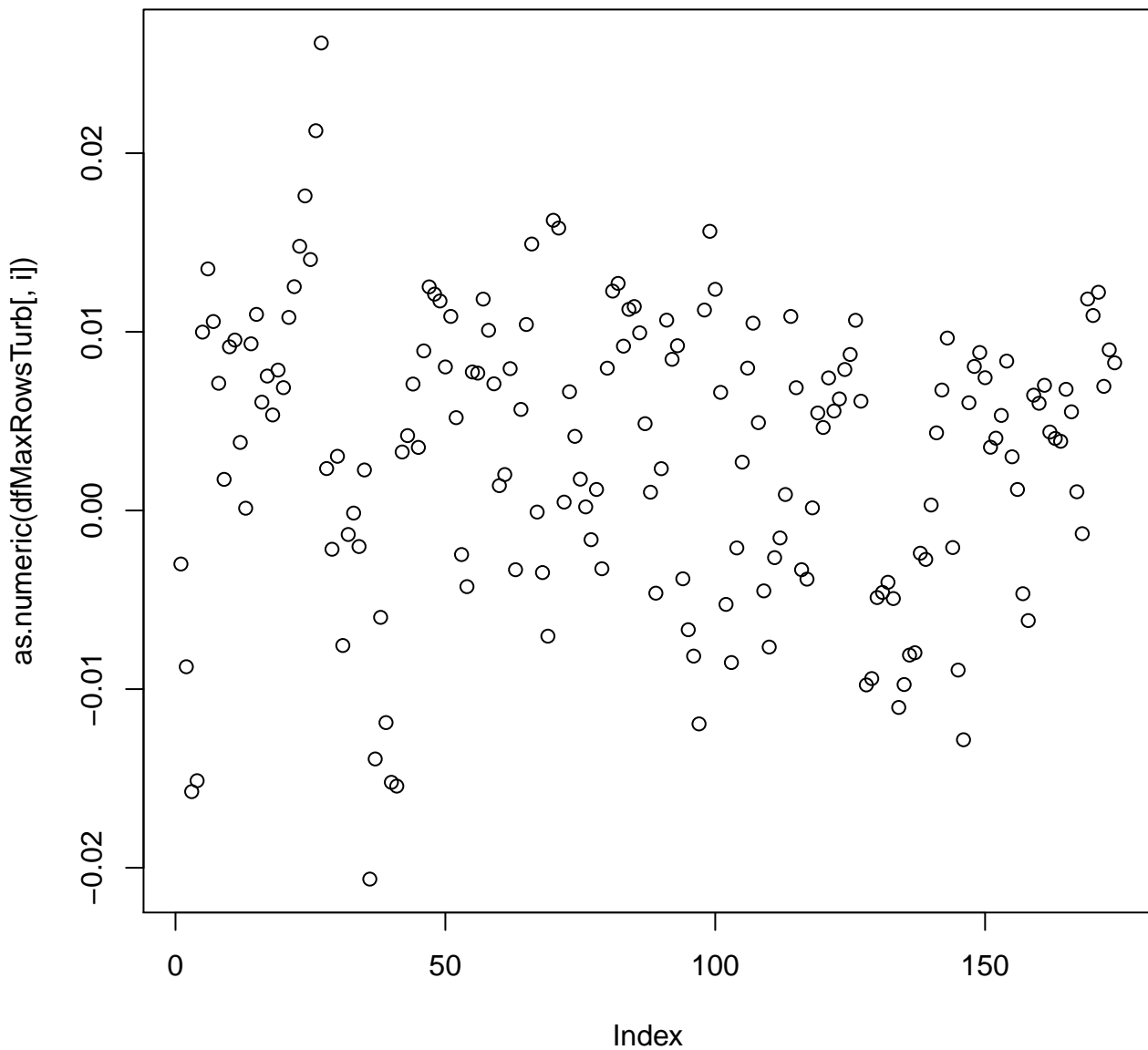
**CurrentSurface\_Mean\_48\_perp**



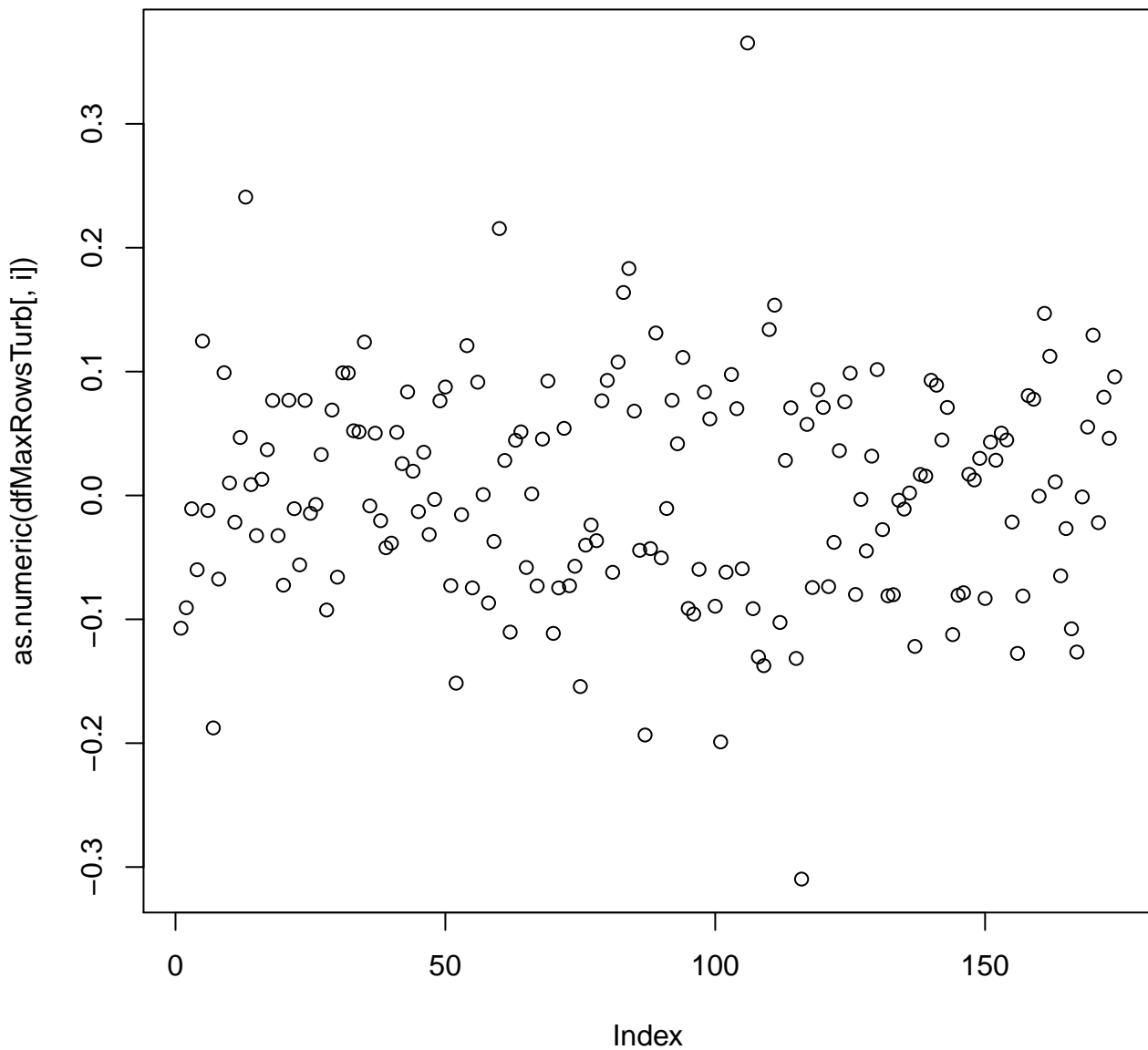
**CurrentSurface\_Mean\_72\_perp**



# CurrentSurface\_Mean\_120\_perp

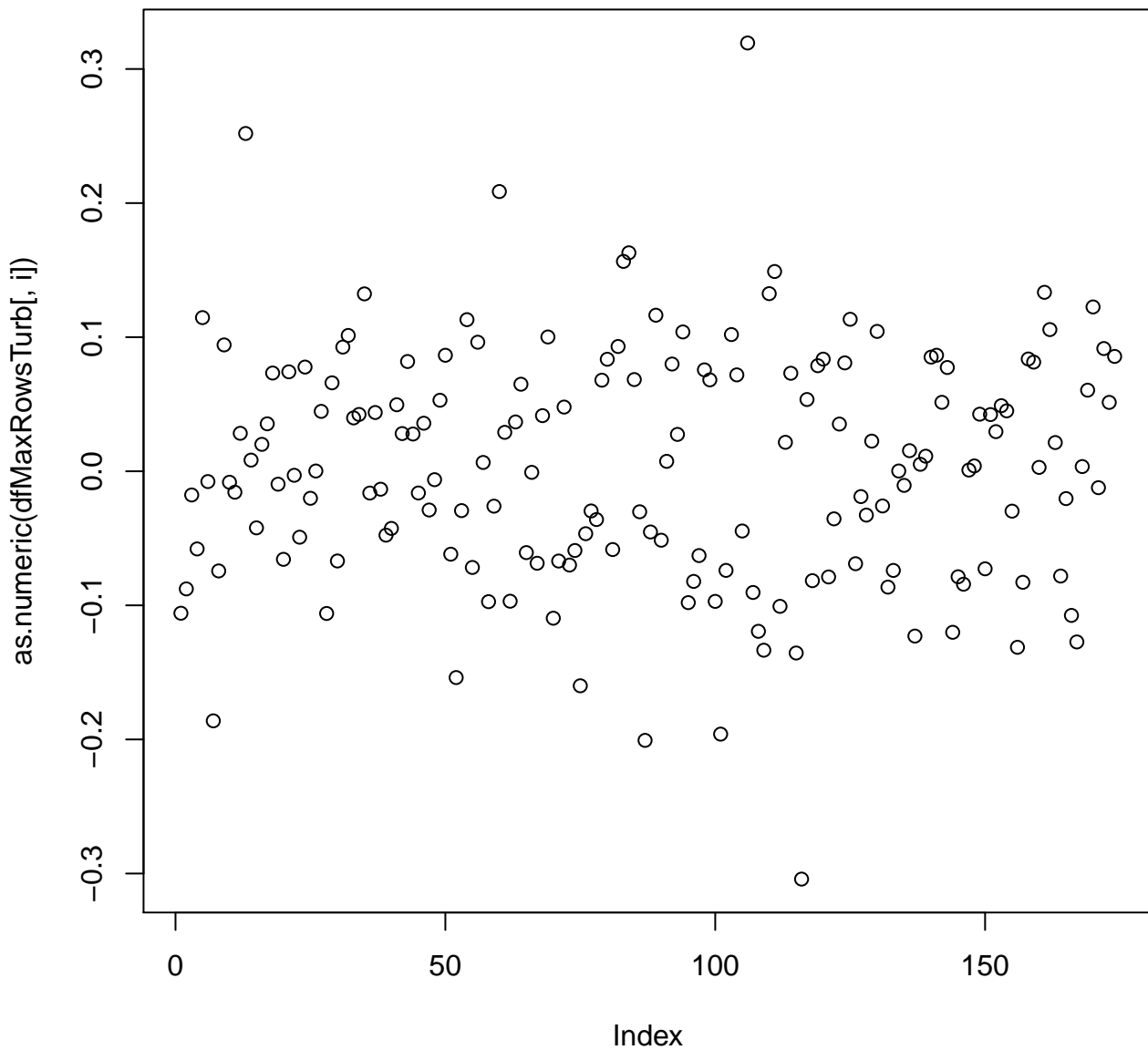


CurrentSurface\_Mean\_1\_par

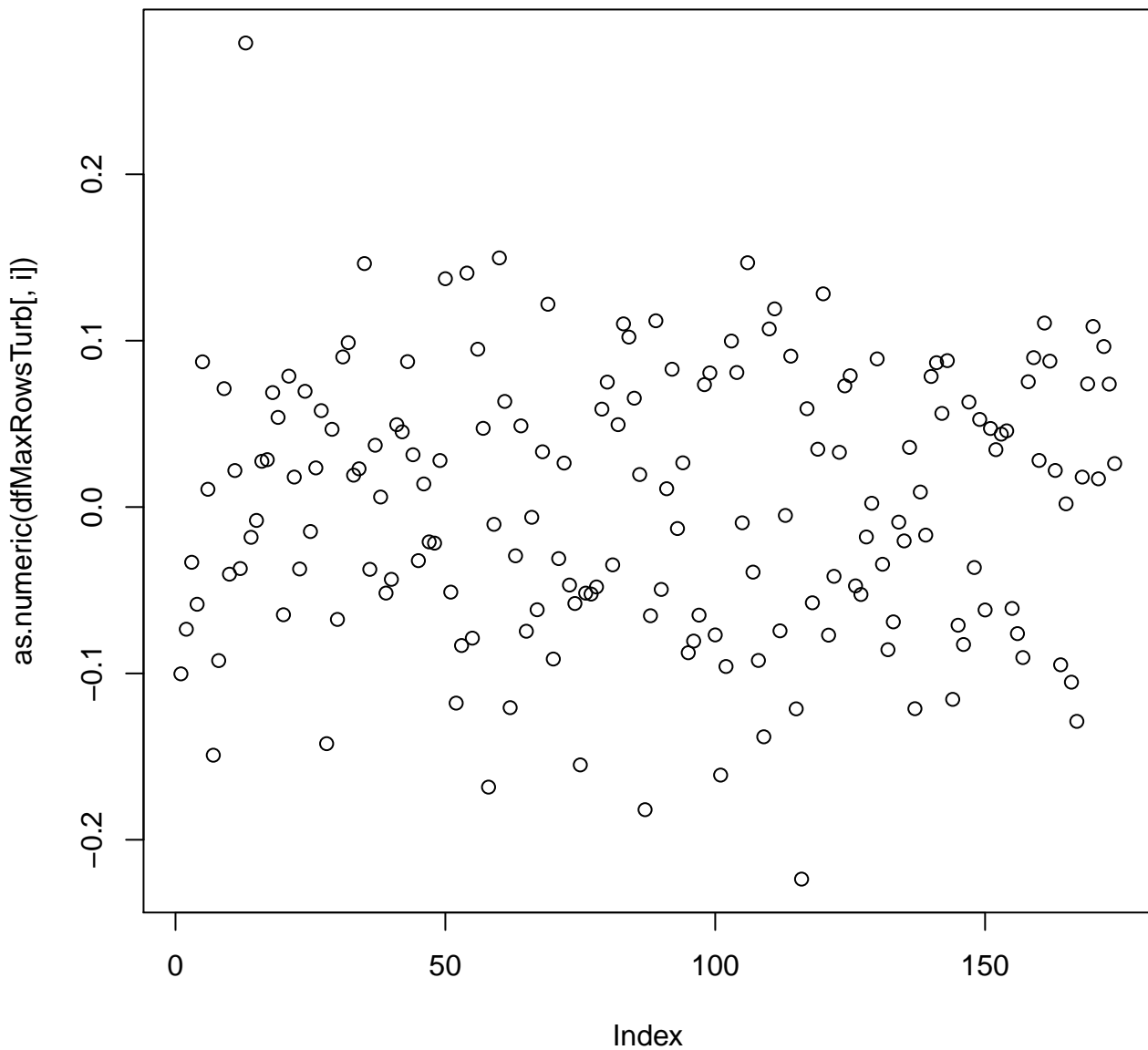




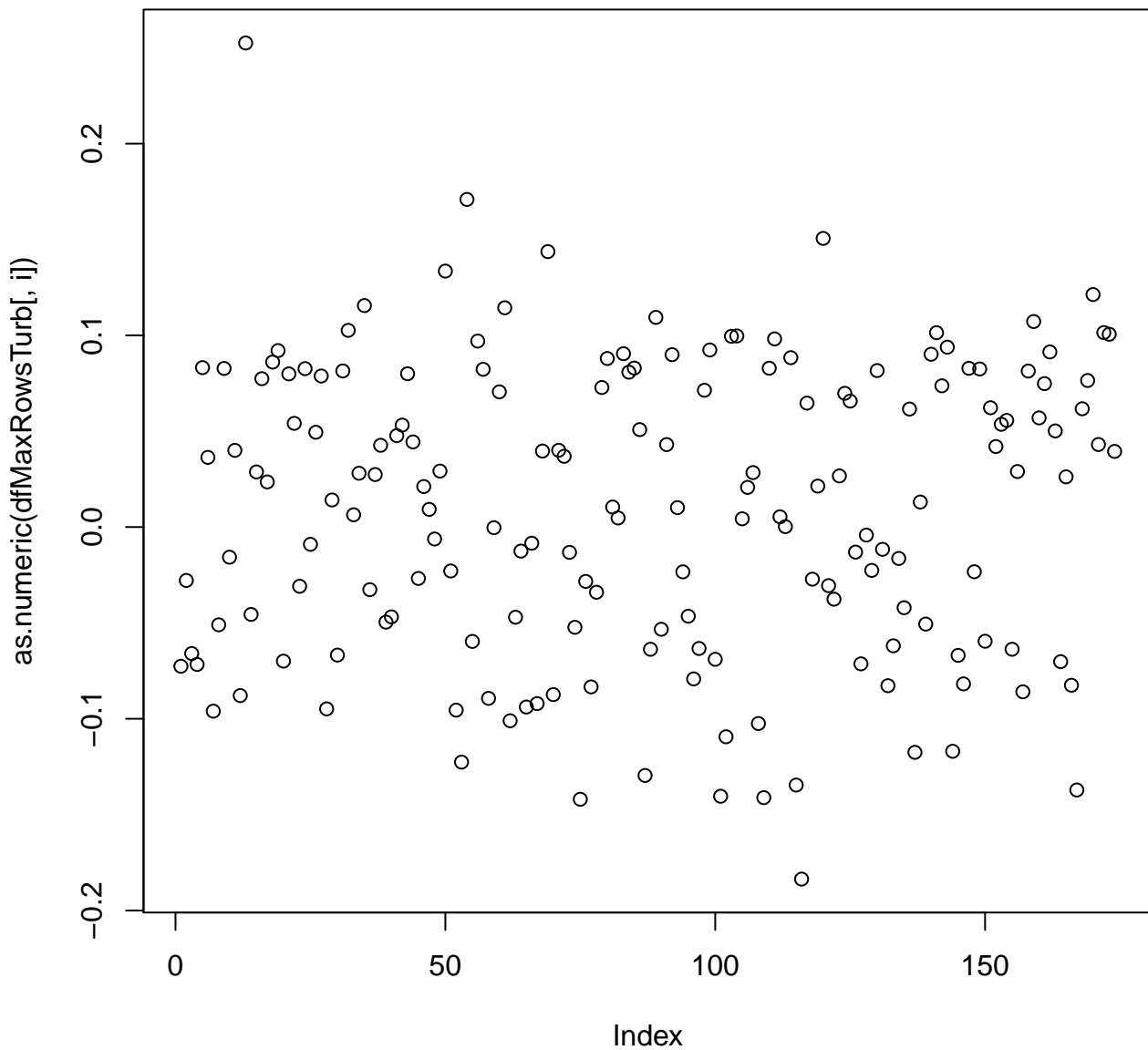
CurrentSurface\_Mean\_2\_par



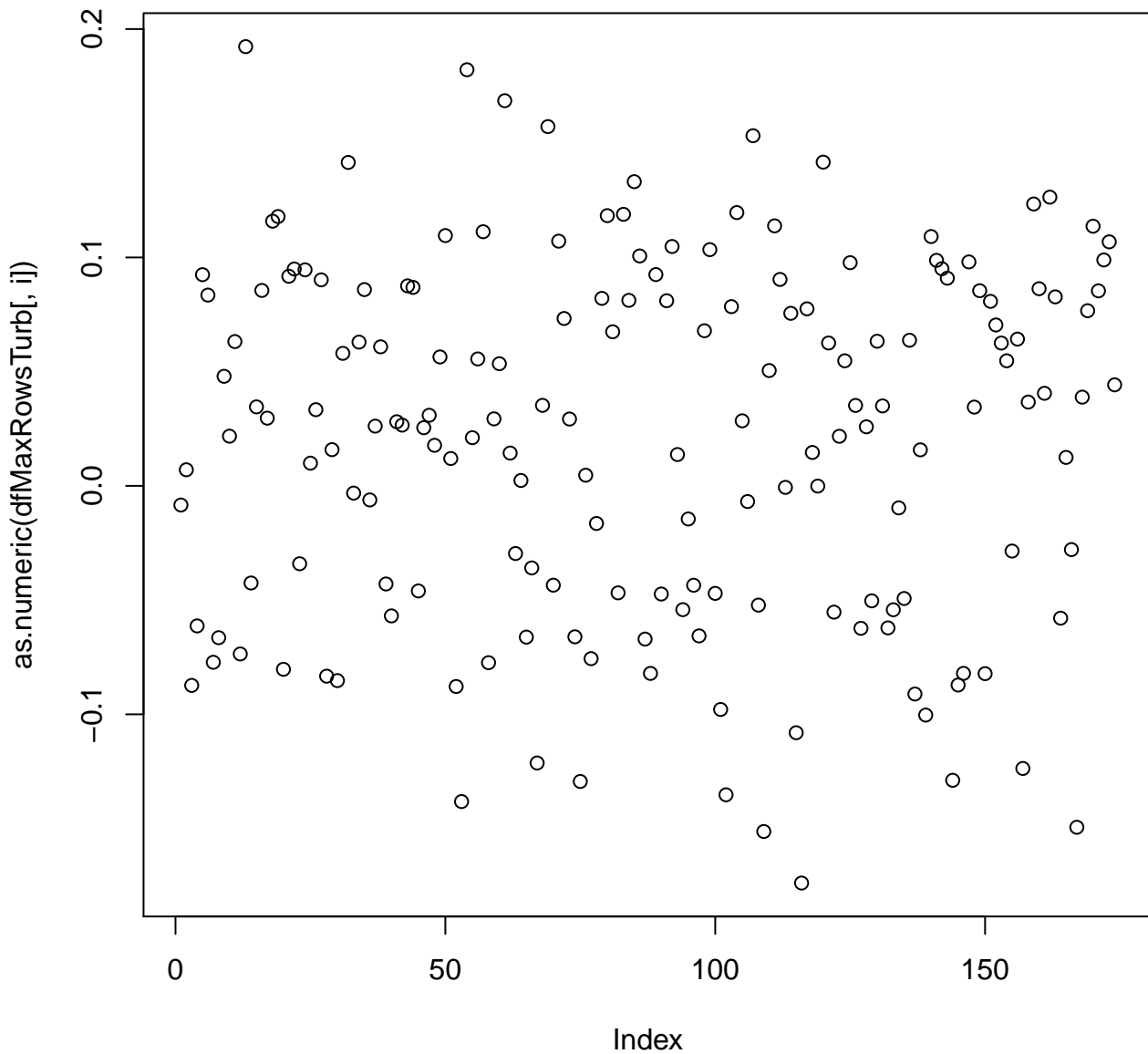
CurrentSurface\_Mean\_6\_par



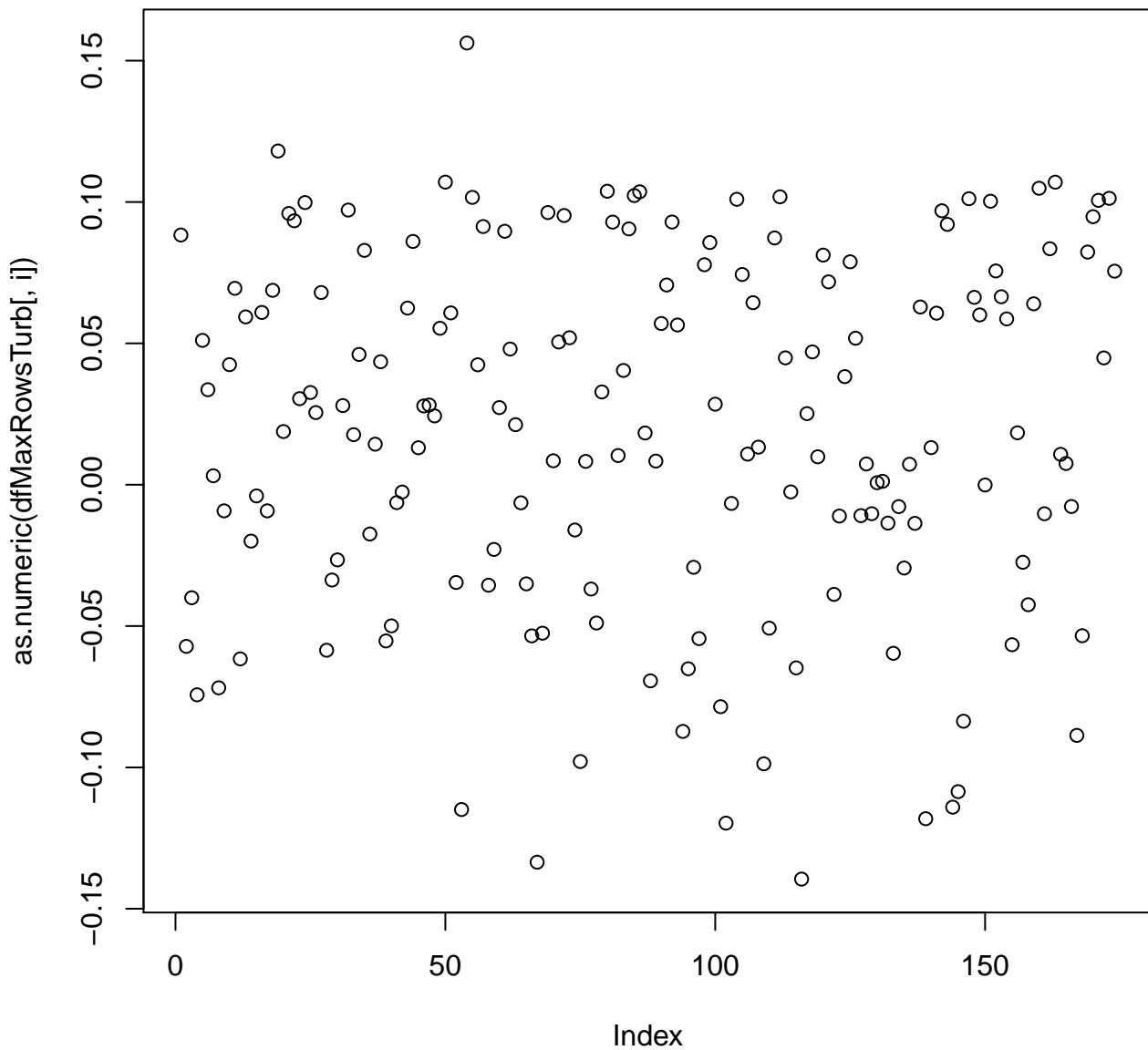
**CurrentSurface\_Mean\_12\_par**



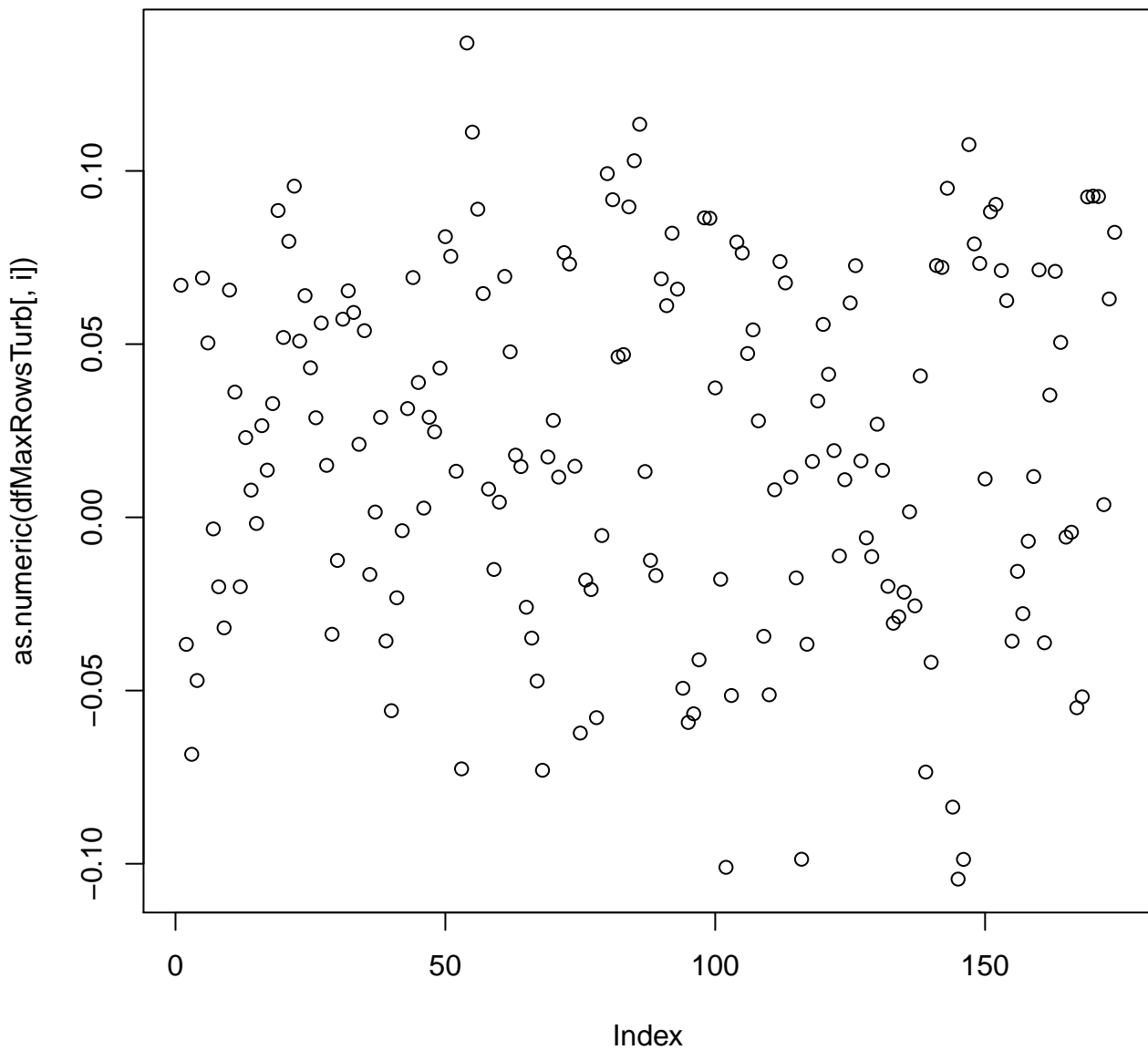
**CurrentSurface\_Mean\_24\_par**



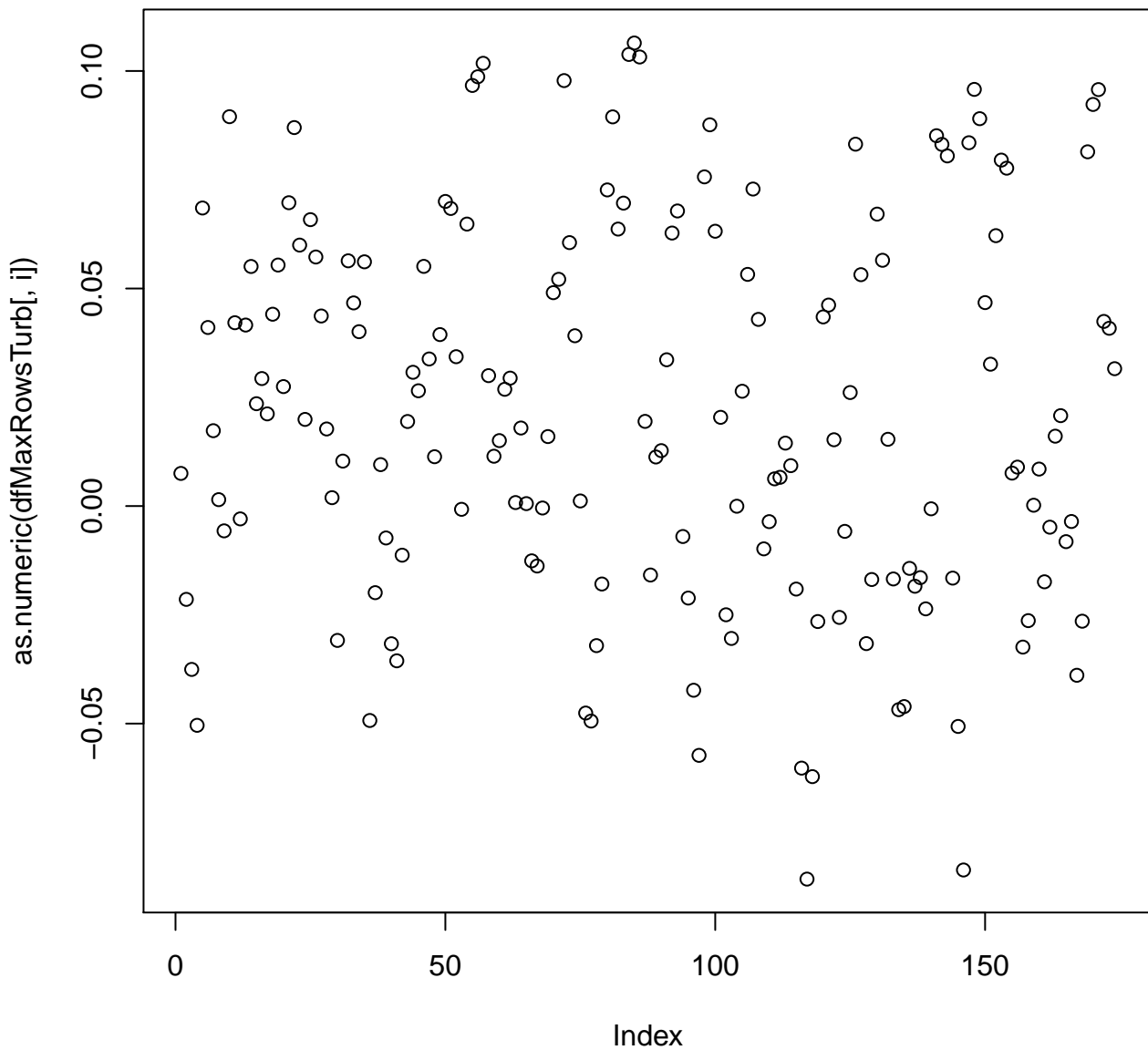
**CurrentSurface\_Mean\_48\_par**



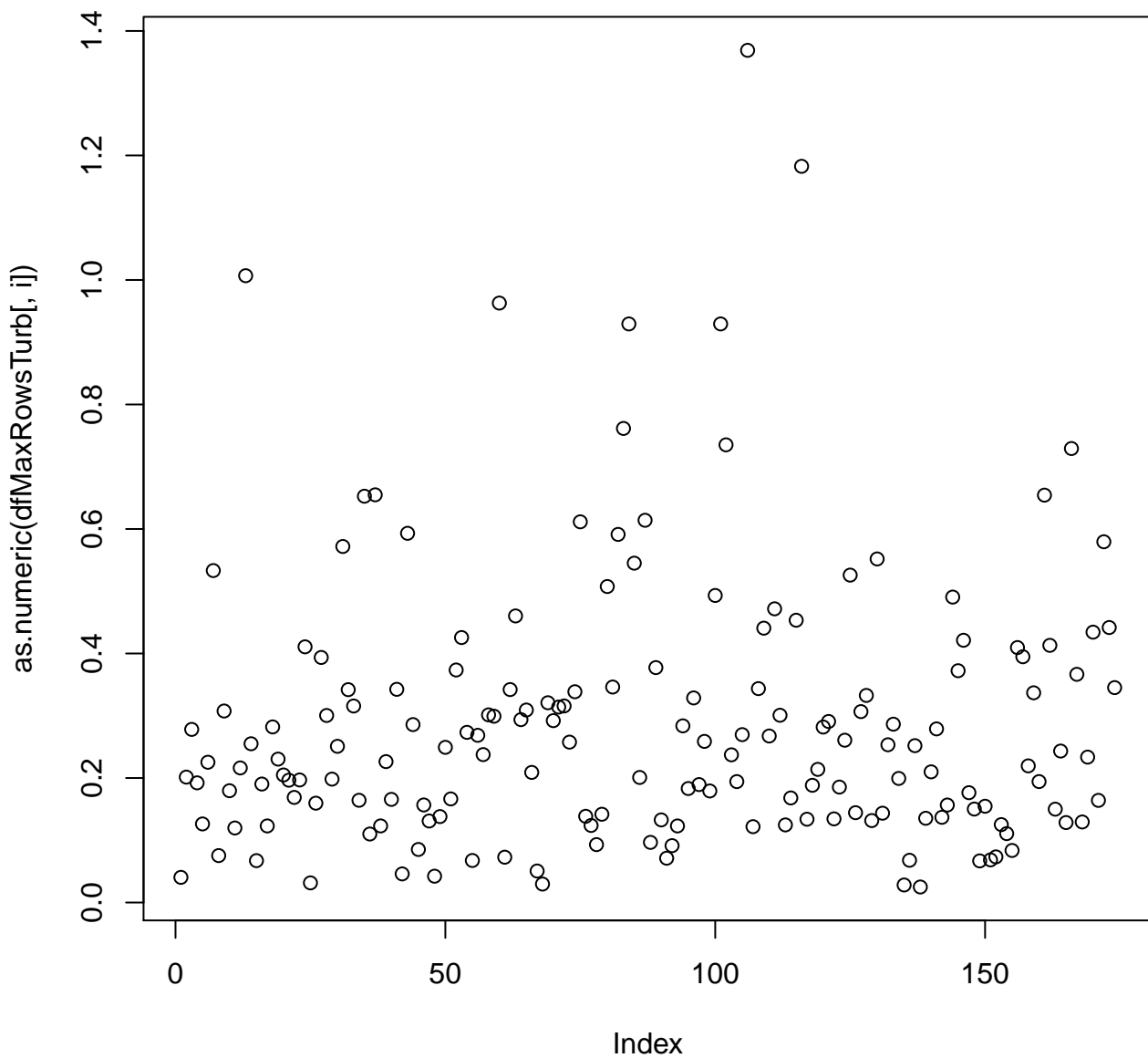
**CurrentSurface\_Mean\_72\_par**



# CurrentSurface\_Mean\_120\_par

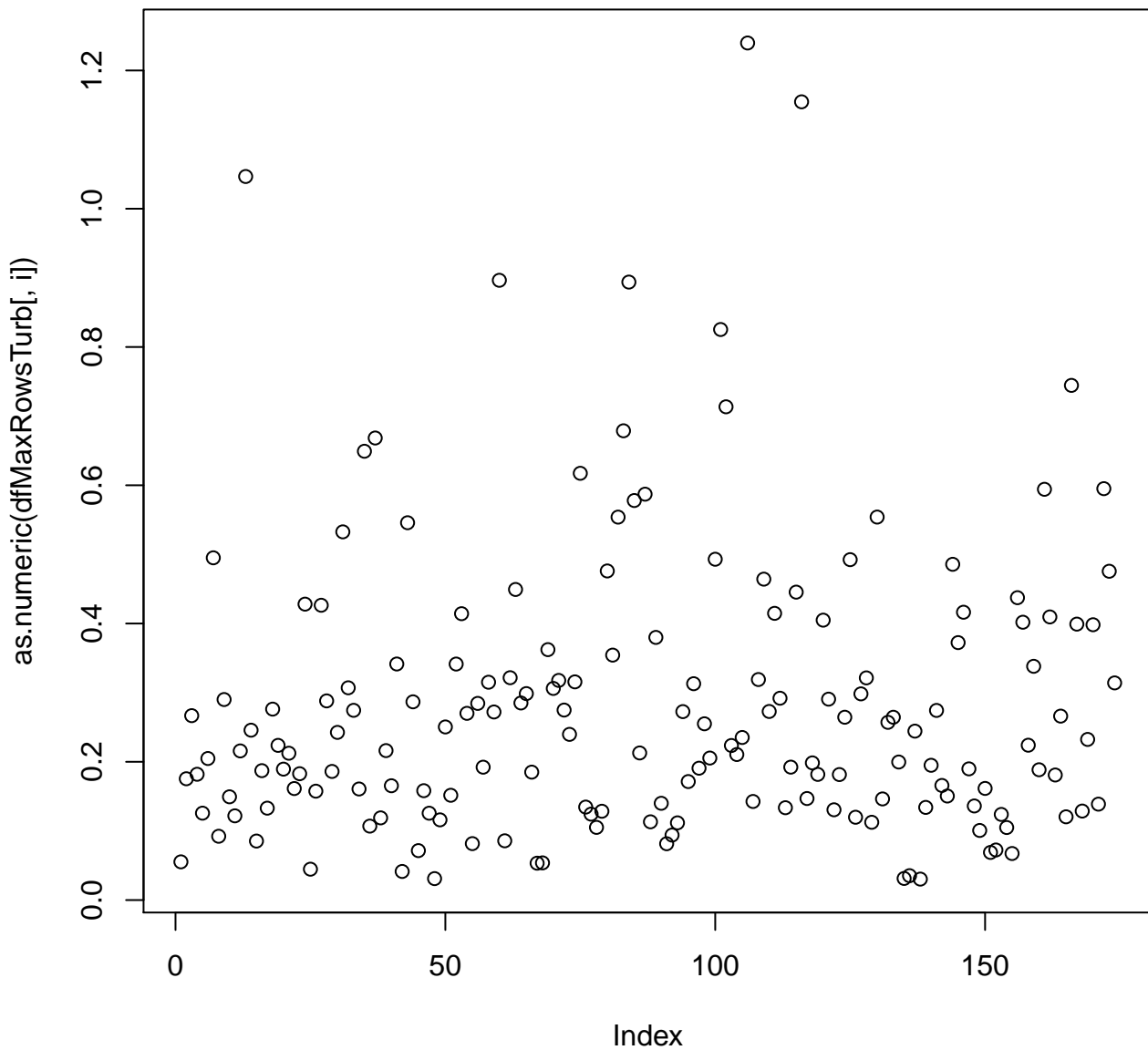


WaveHeight\_Mean\_1

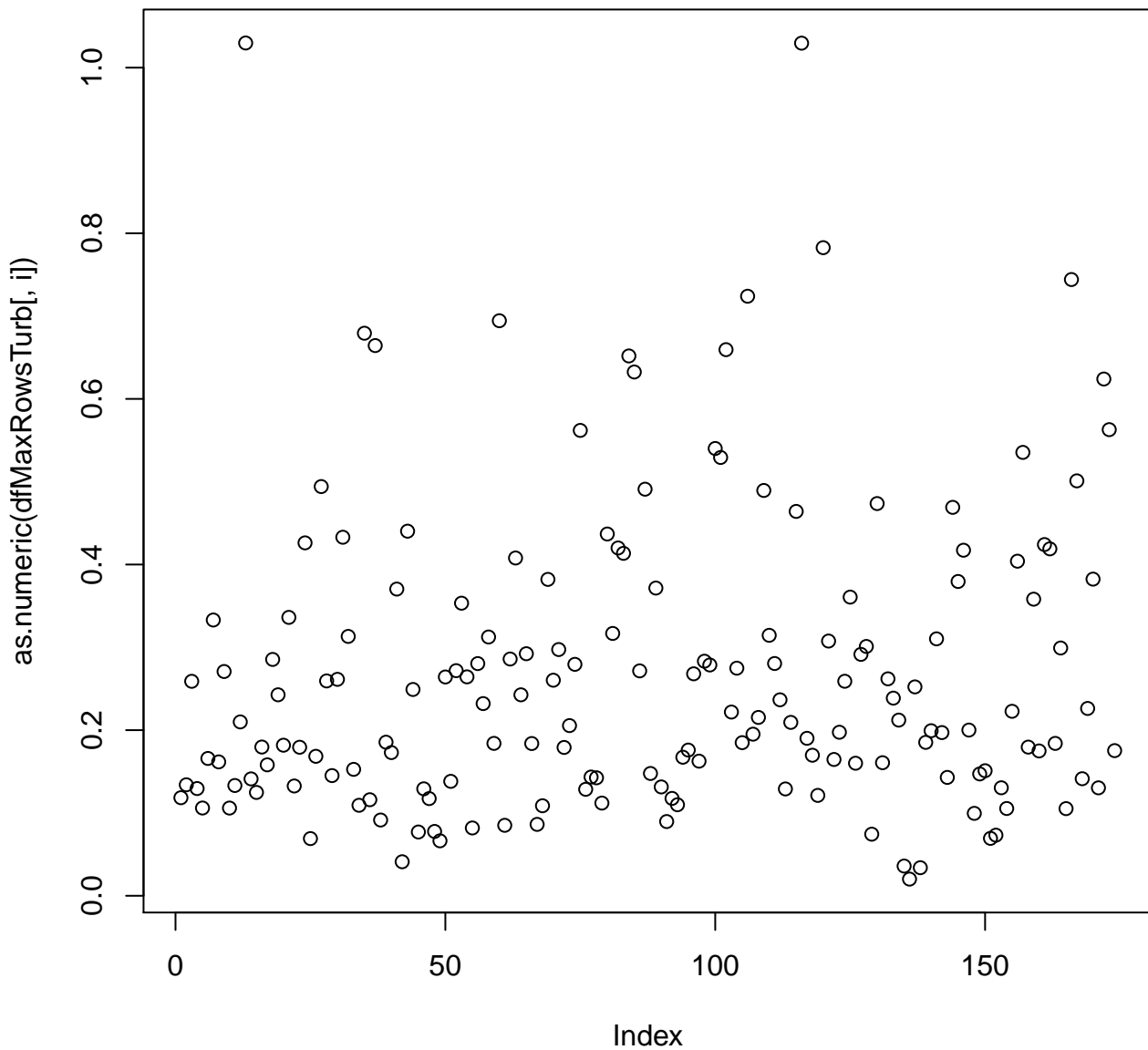




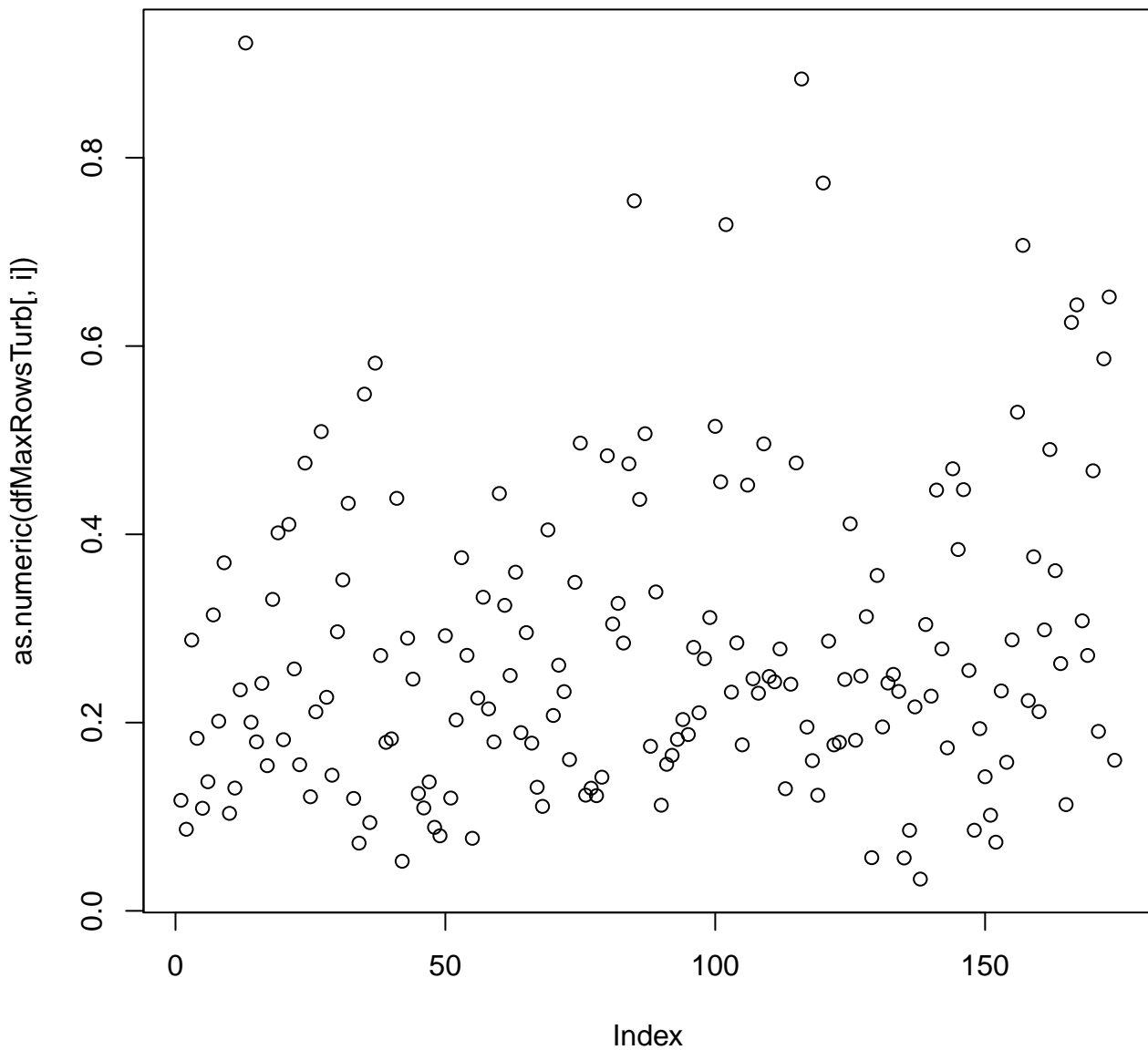
WaveHeight\_Mean\_2



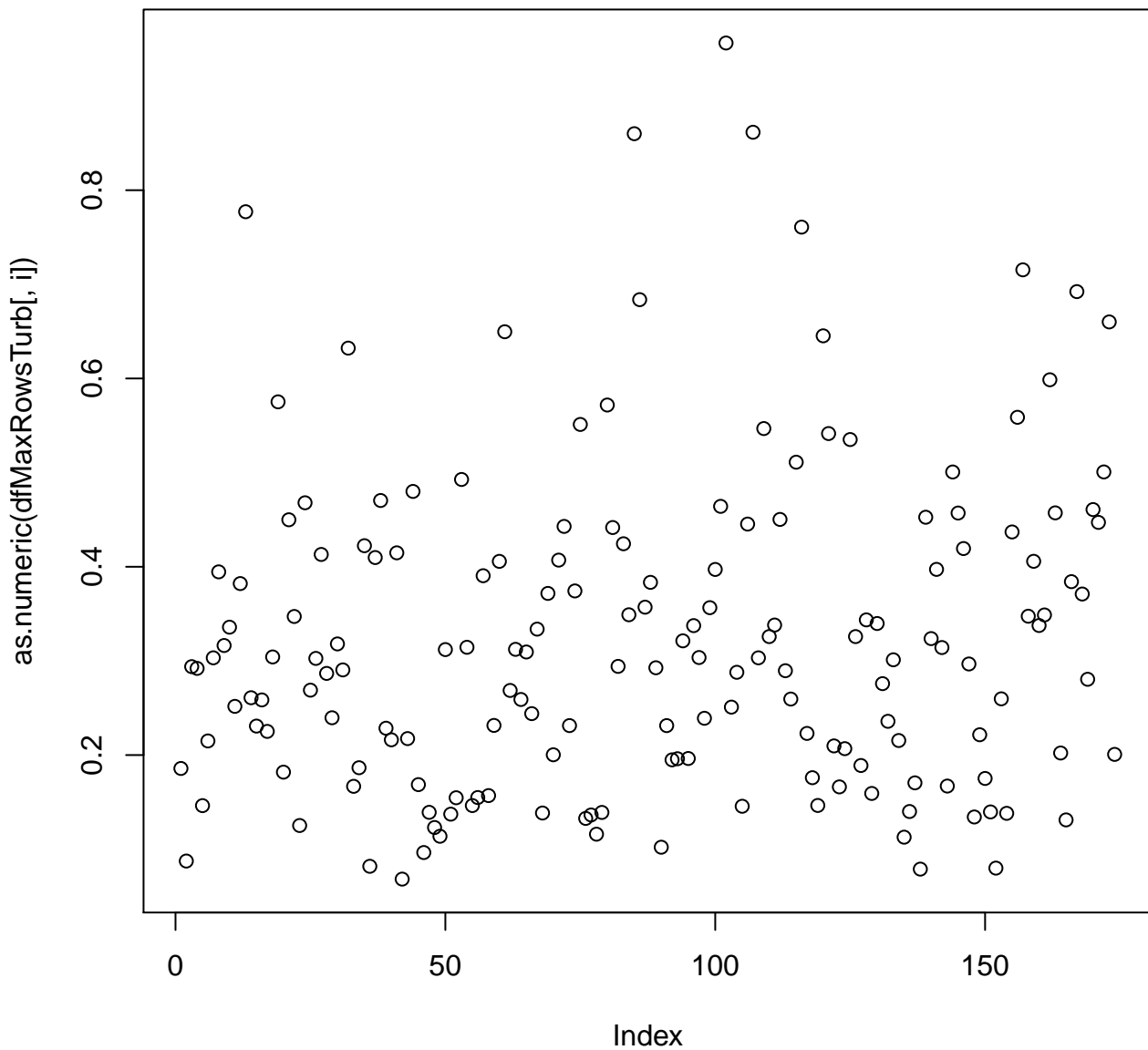
**WaveHeight\_Mean\_6**



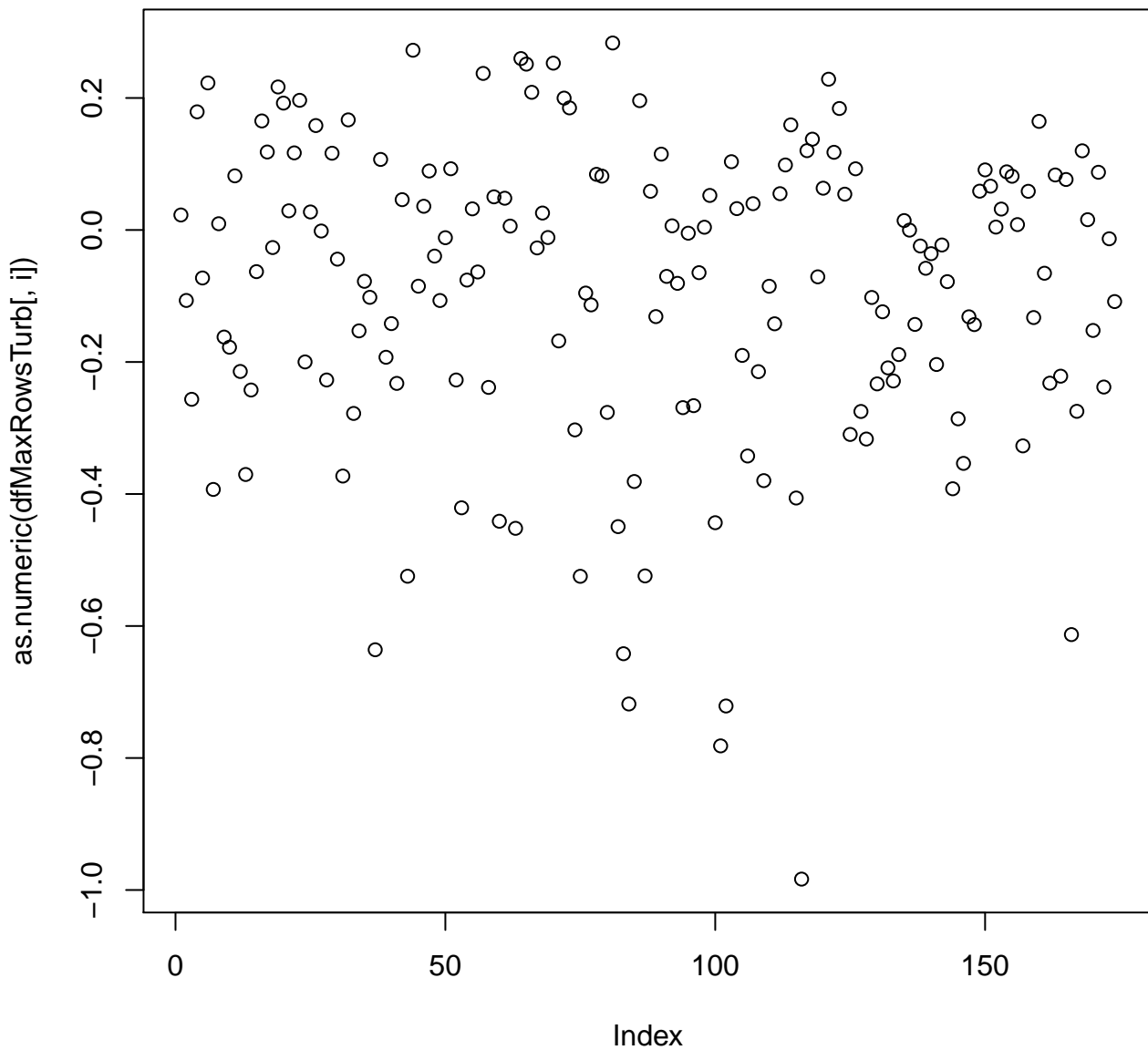
WaveHeight\_Mean\_12



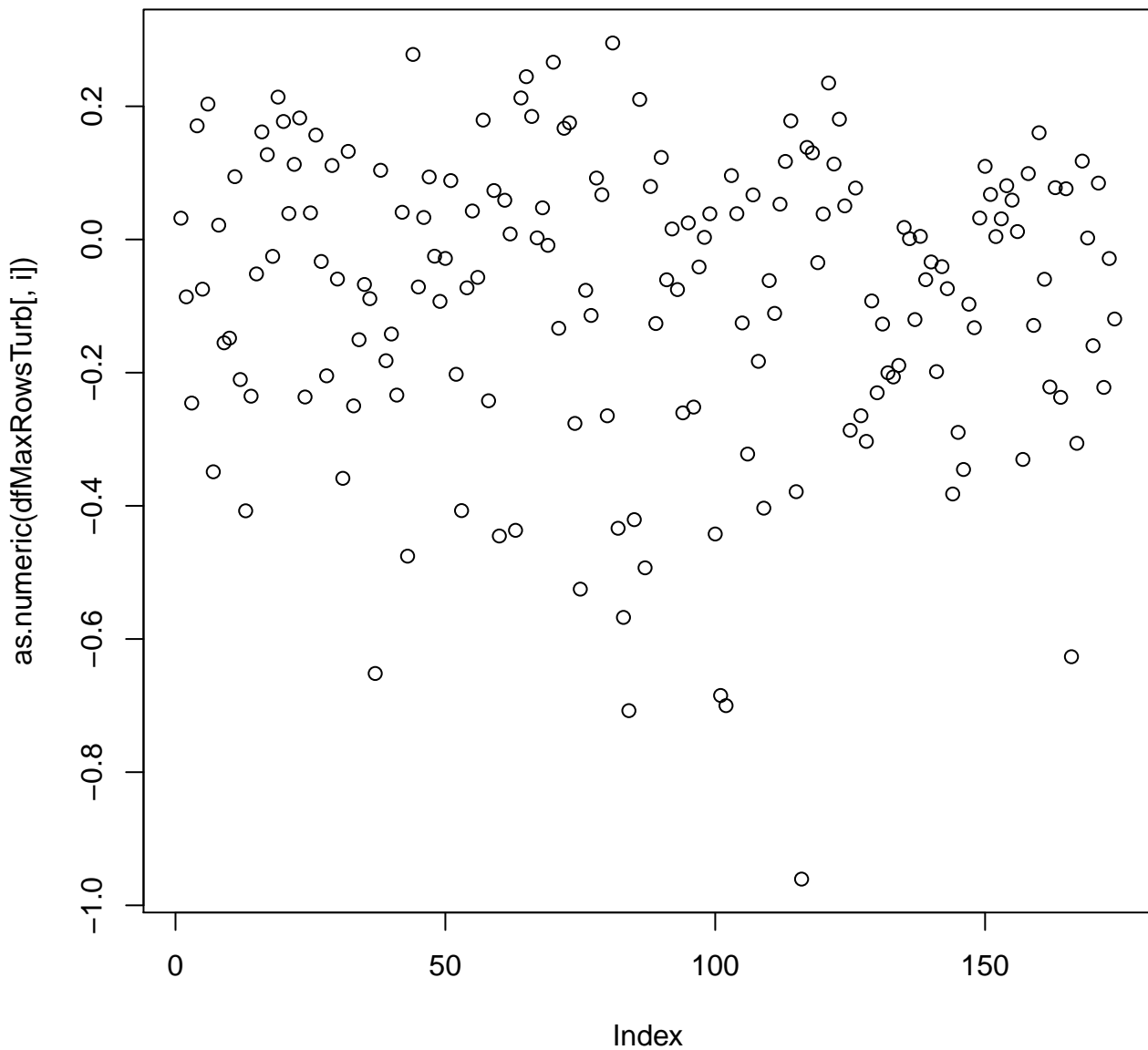
WaveHeight\_Mean\_24



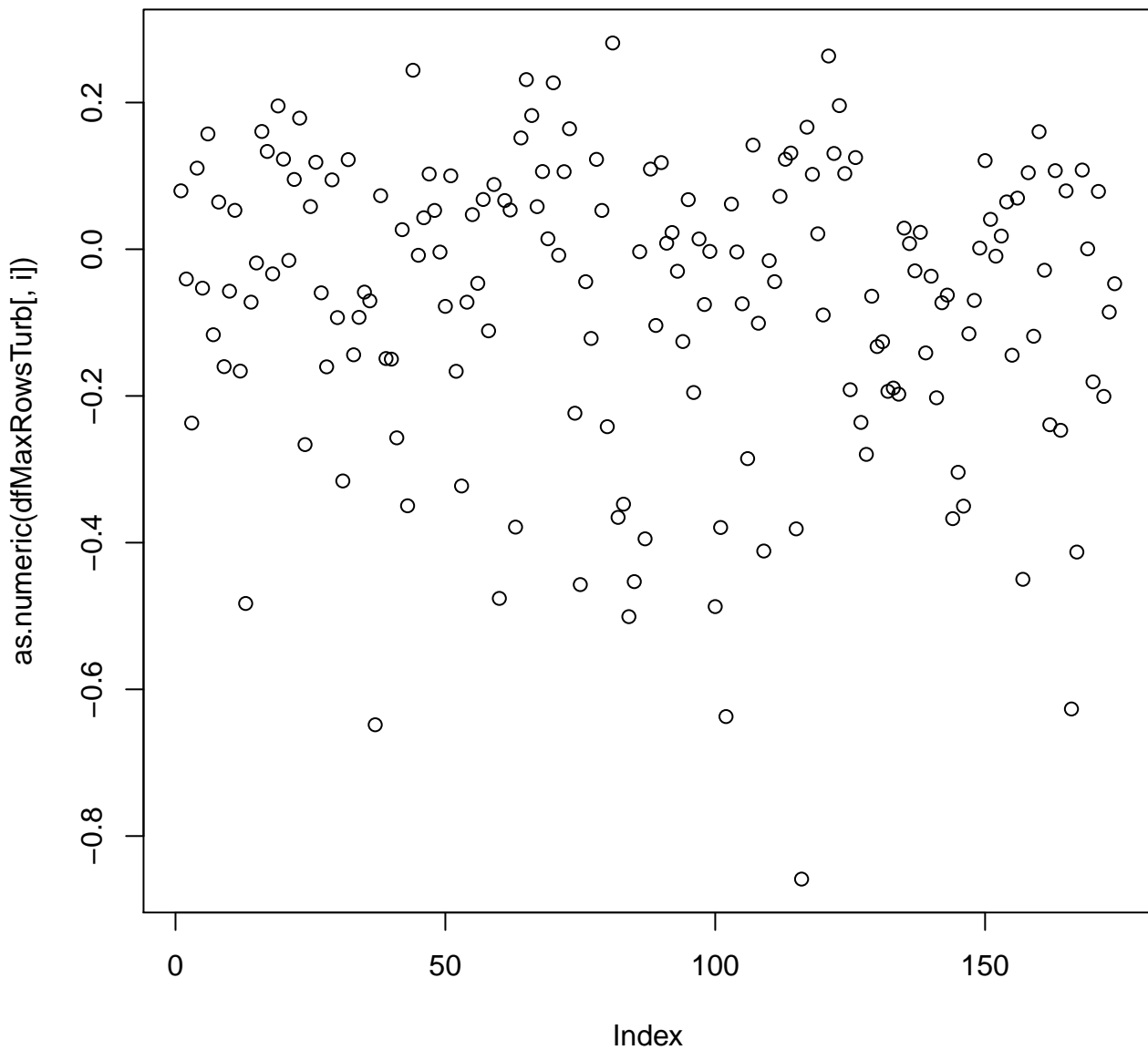
**WaveHeightDirection\_Mean\_1\_perp**



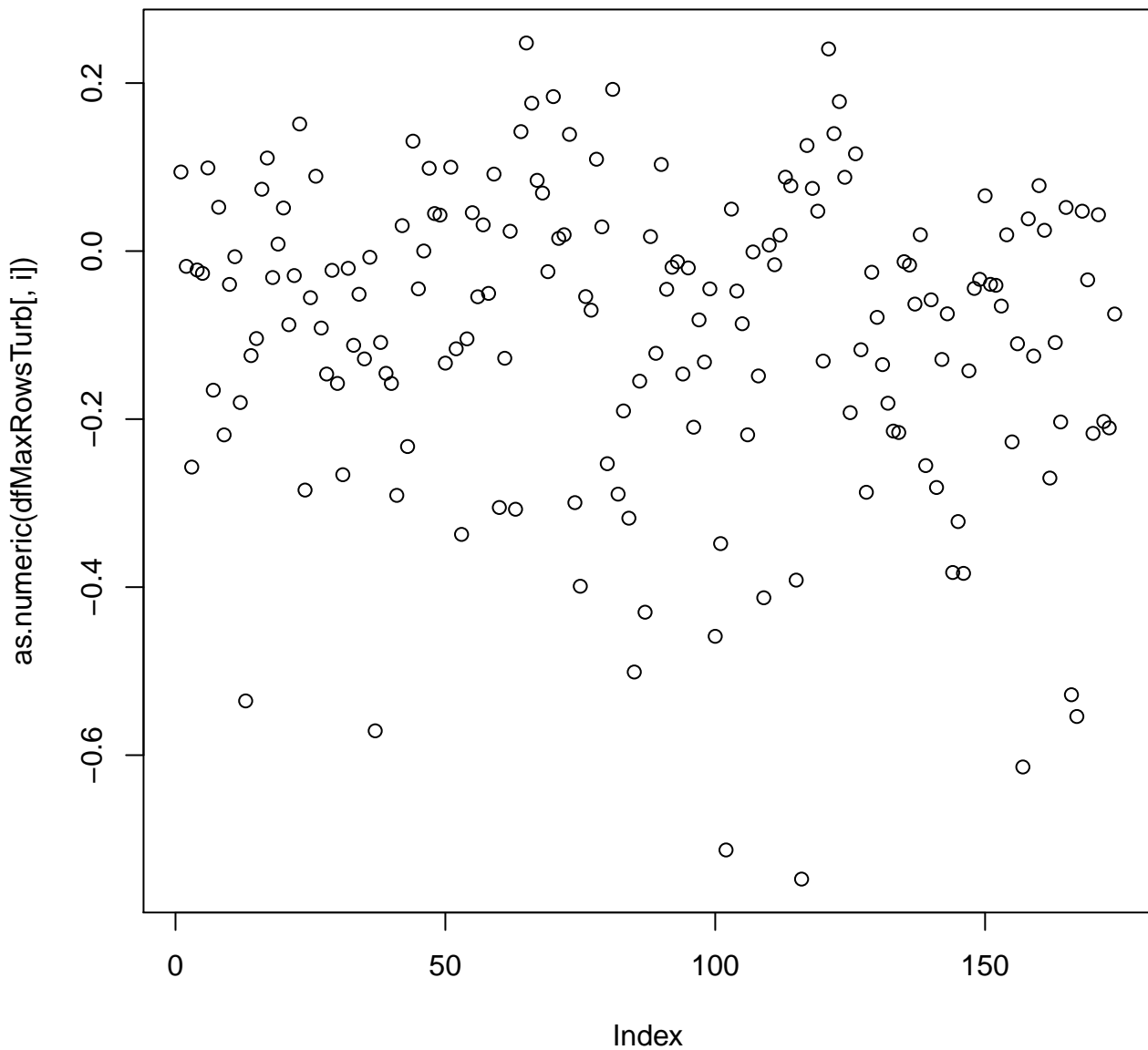
**WaveHeightDirection\_Mean\_2\_perp**



**WaveHeightDirection\_Mean\_6\_perp**

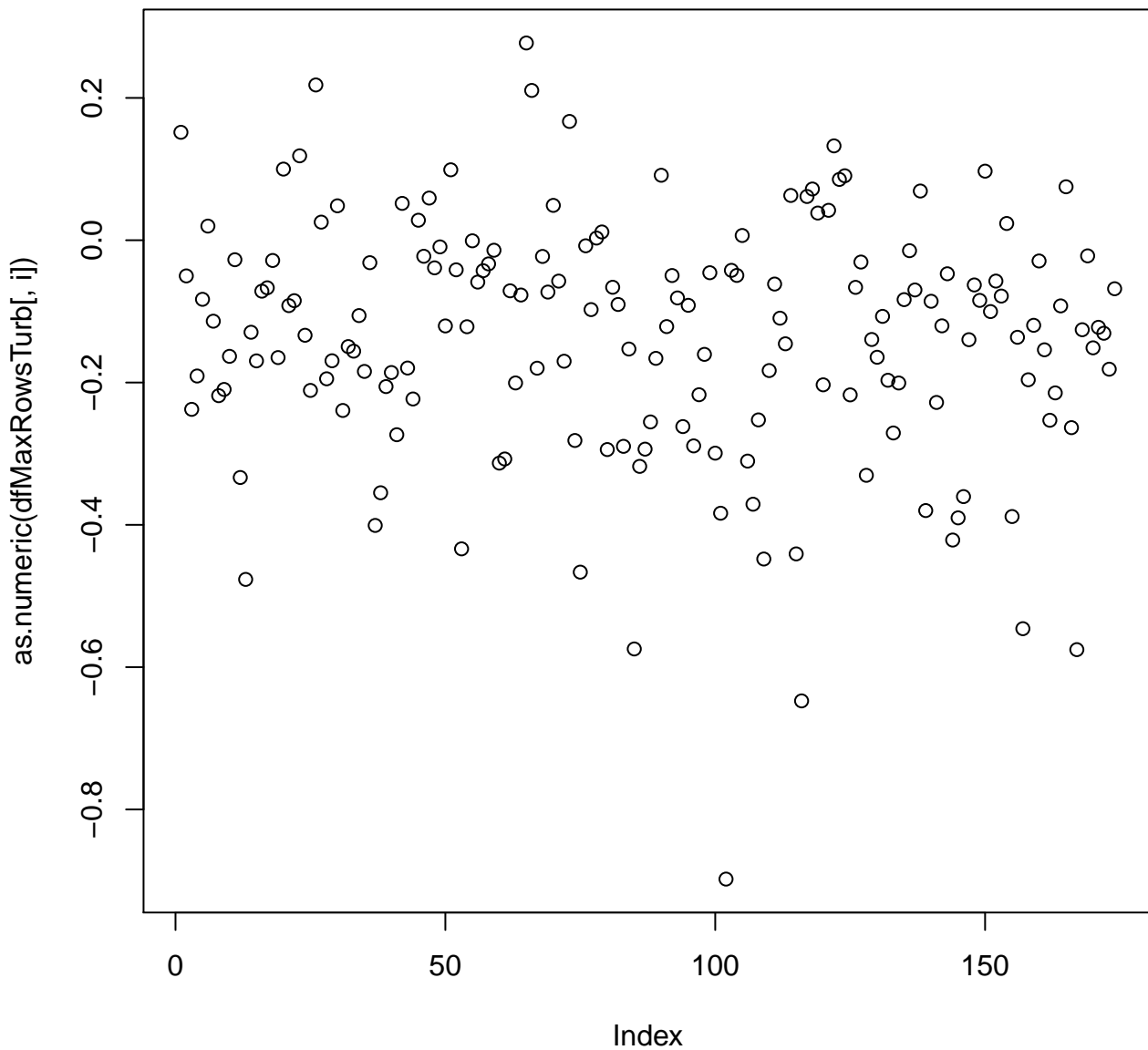


WaveHeightDirection\_Mean\_12\_perp

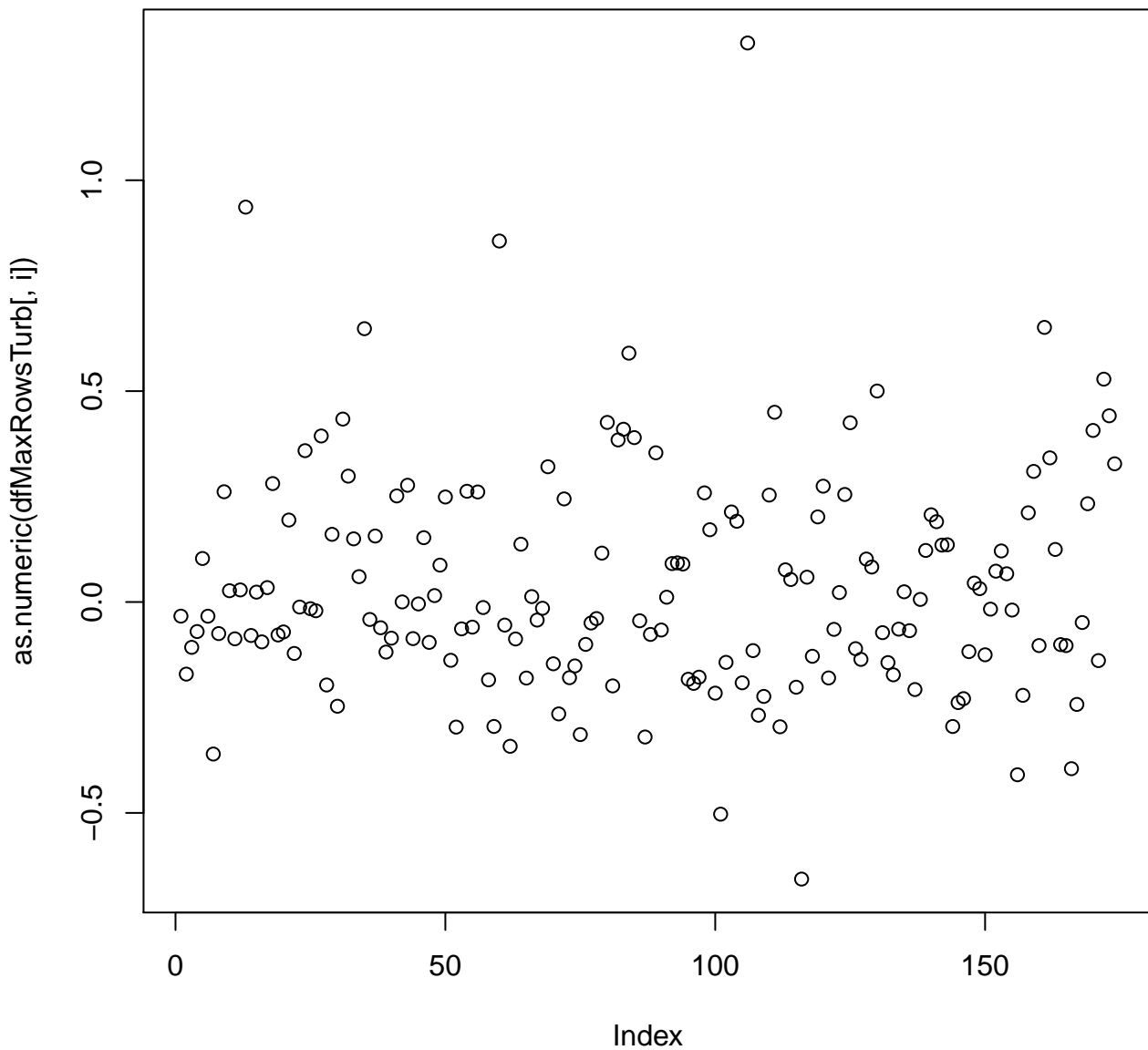




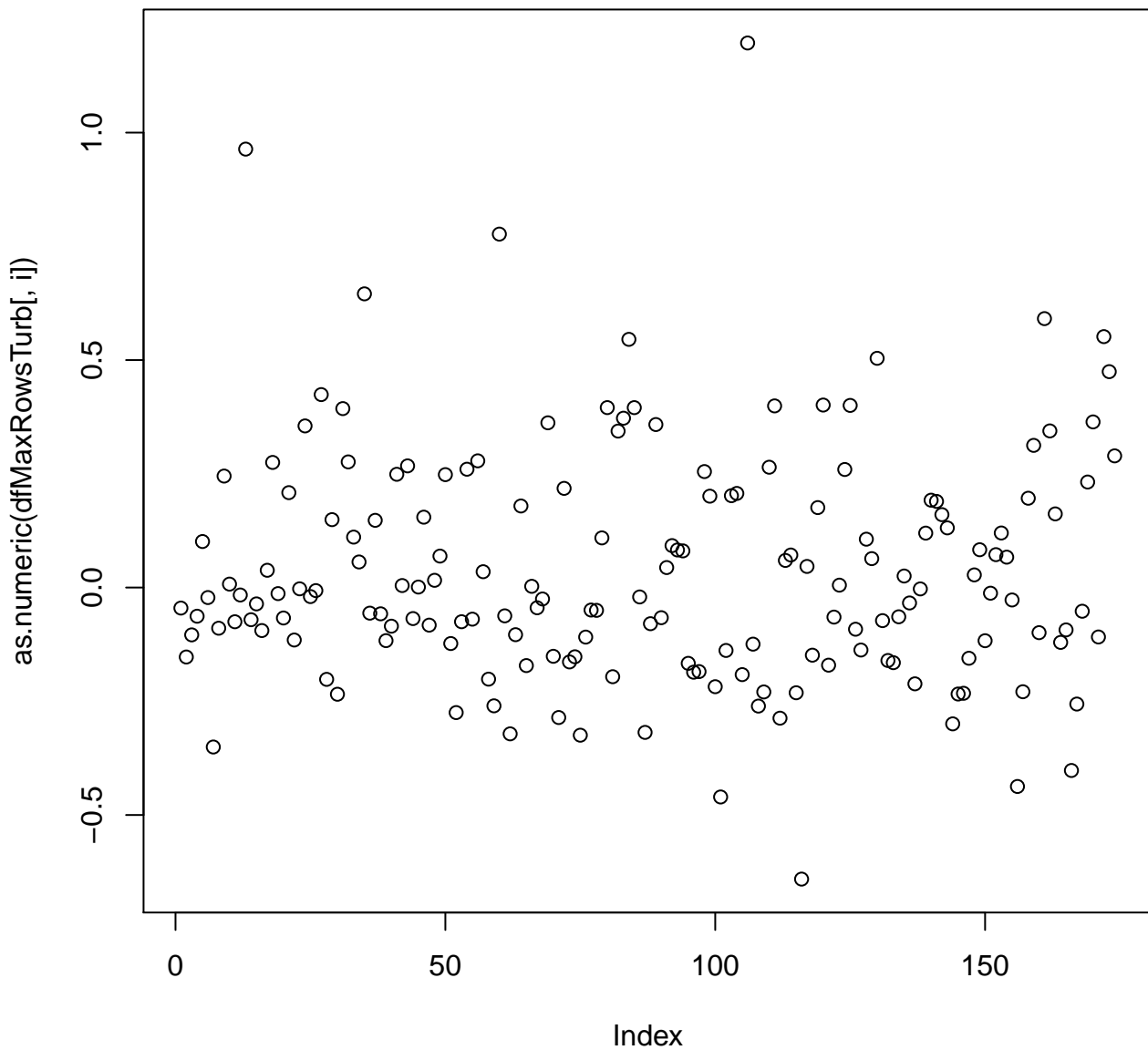
WaveHeightDirection\_Mean\_24\_perp



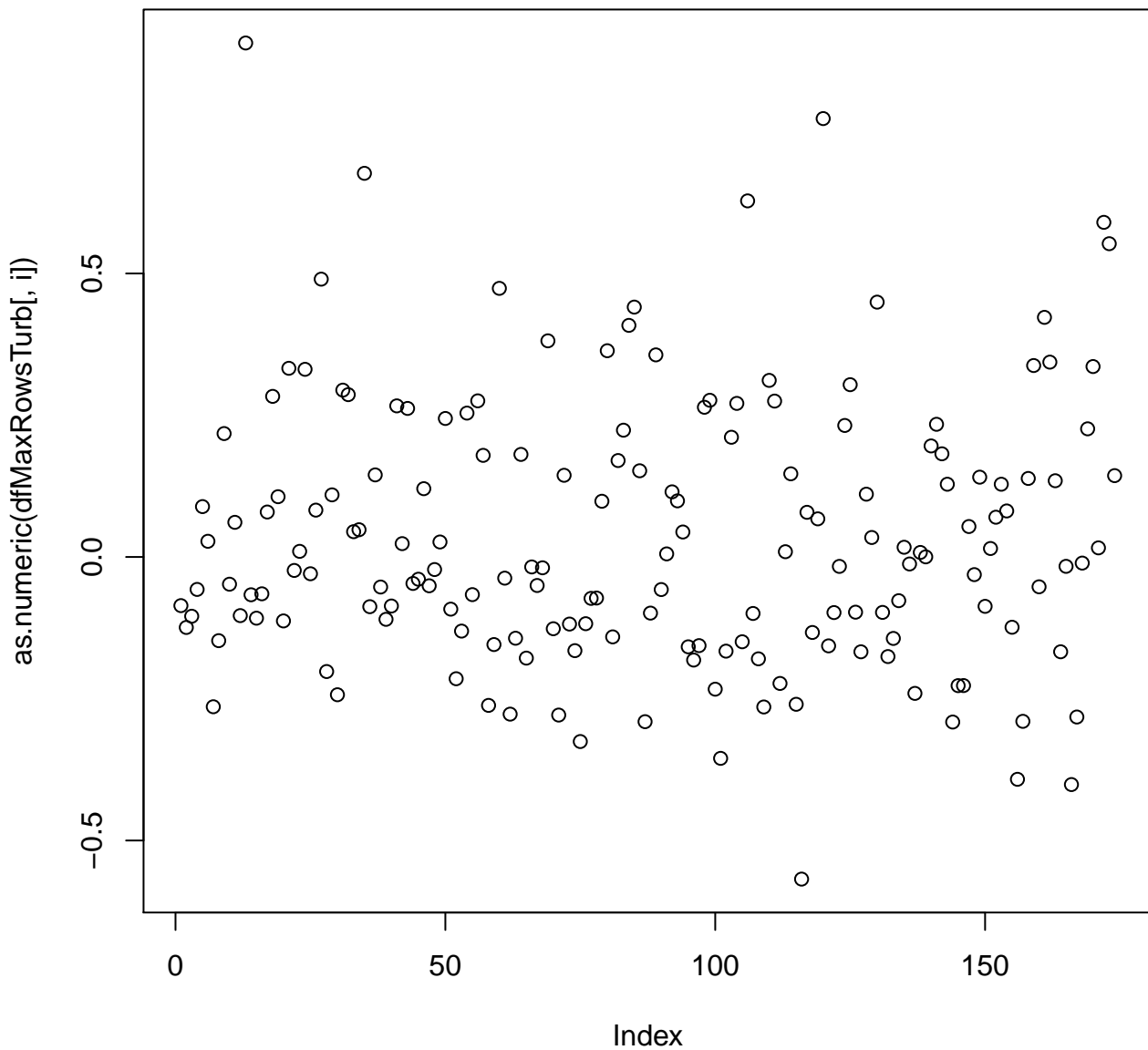
**WaveHeightDirection\_Mean\_1\_par**



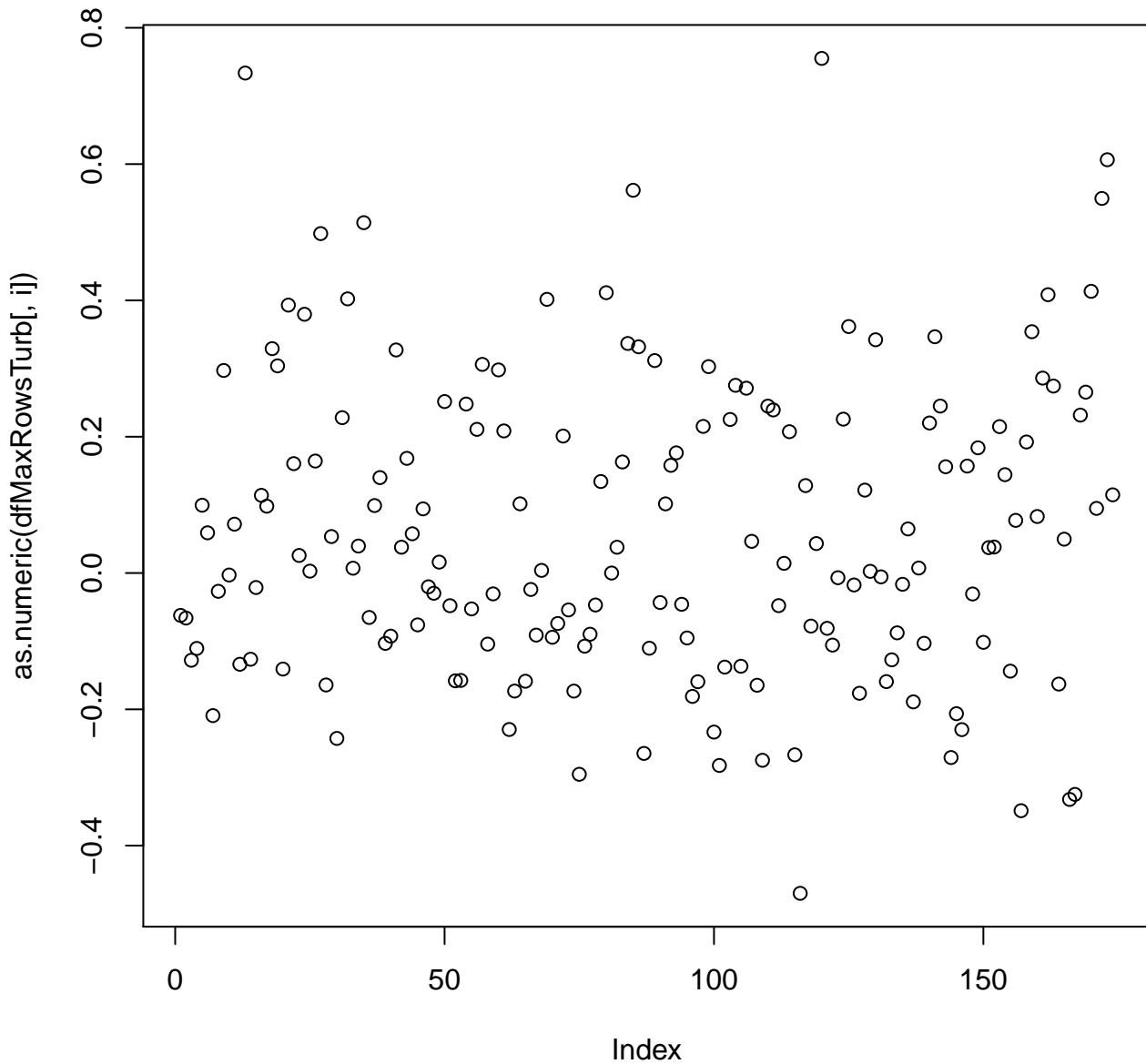
**WaveHeightDirection\_Mean\_2\_par**



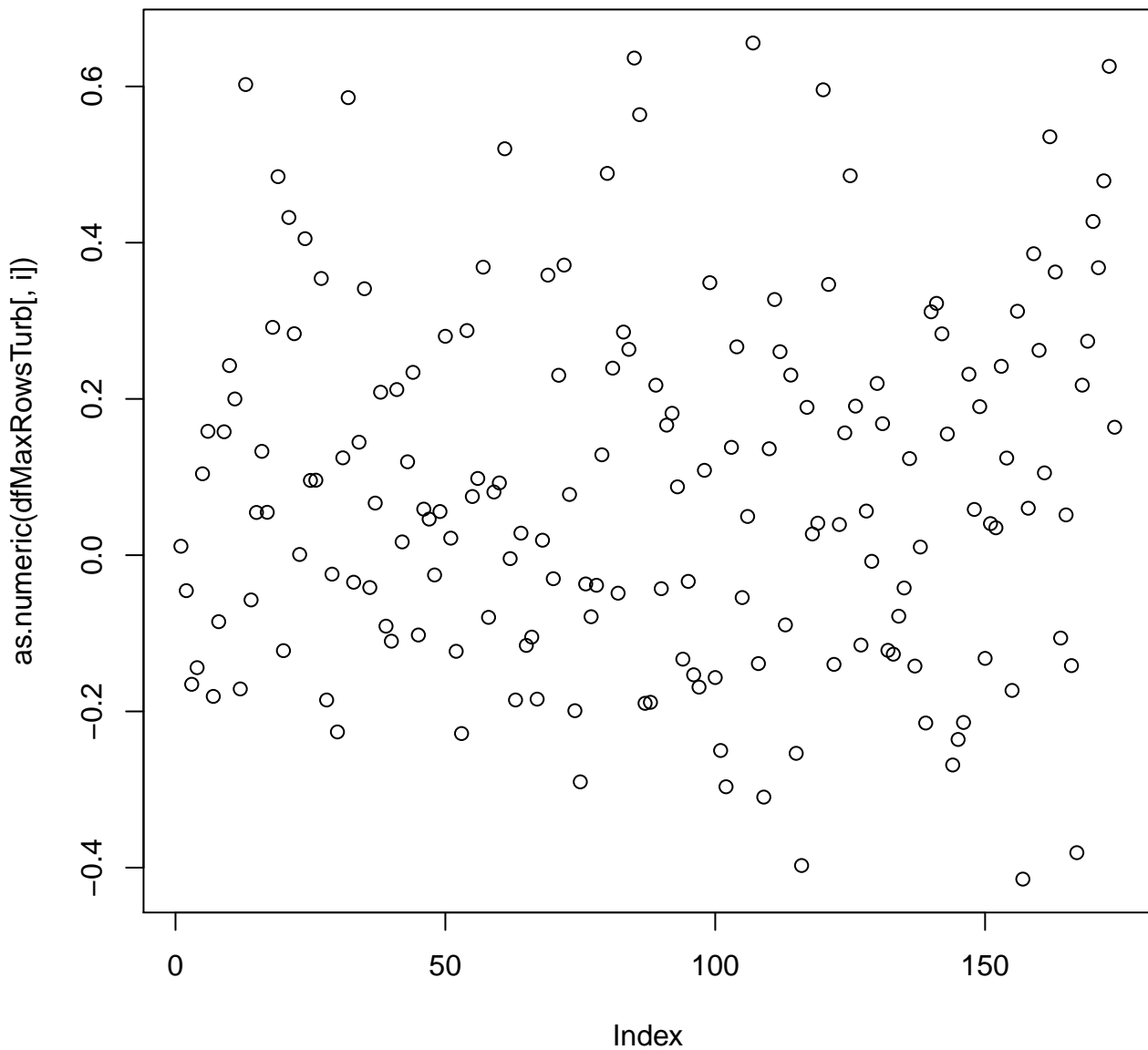
**WaveHeightDirection\_Mean\_6\_par**



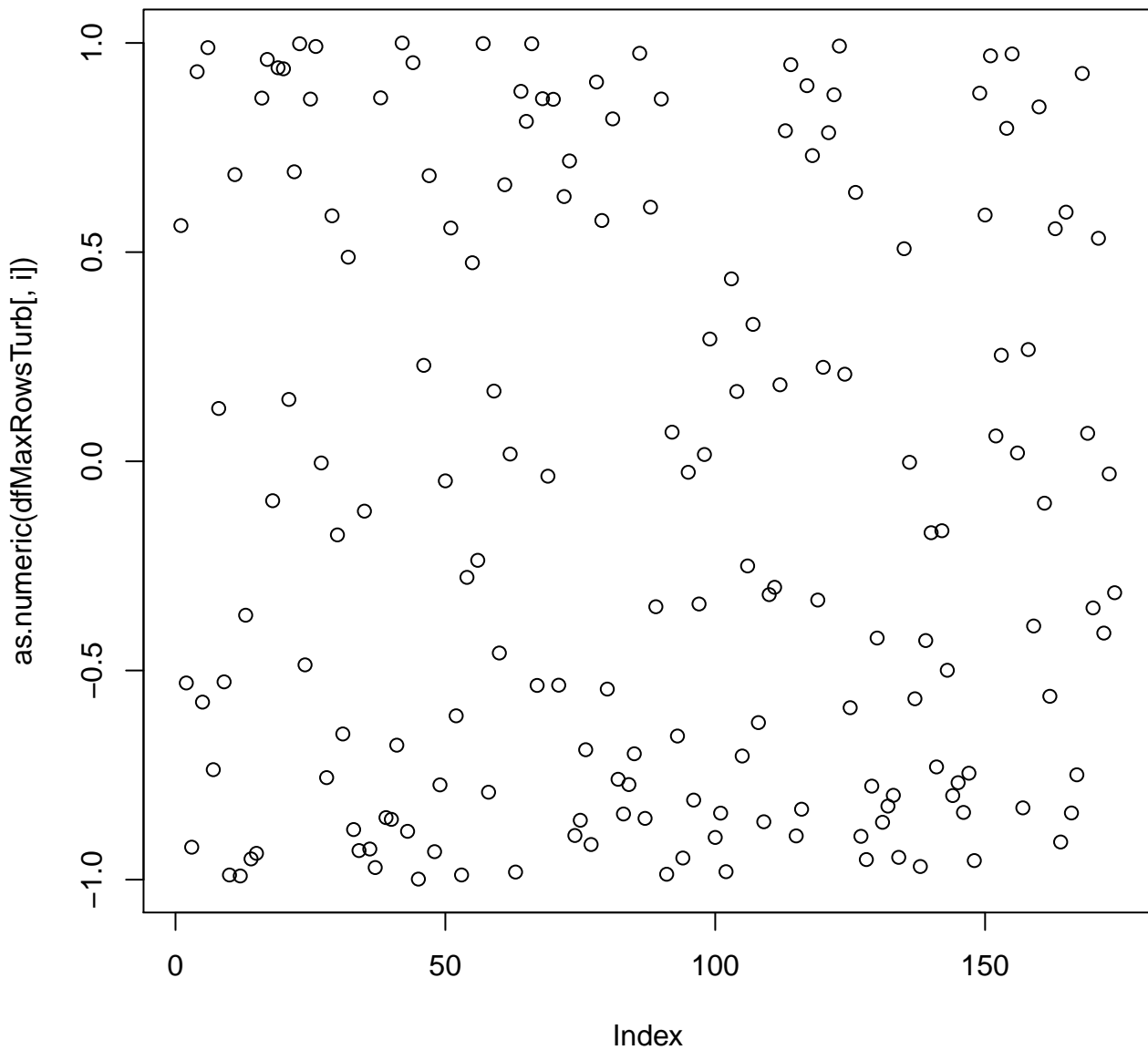
**WaveHeightDirection\_Mean\_12\_par**



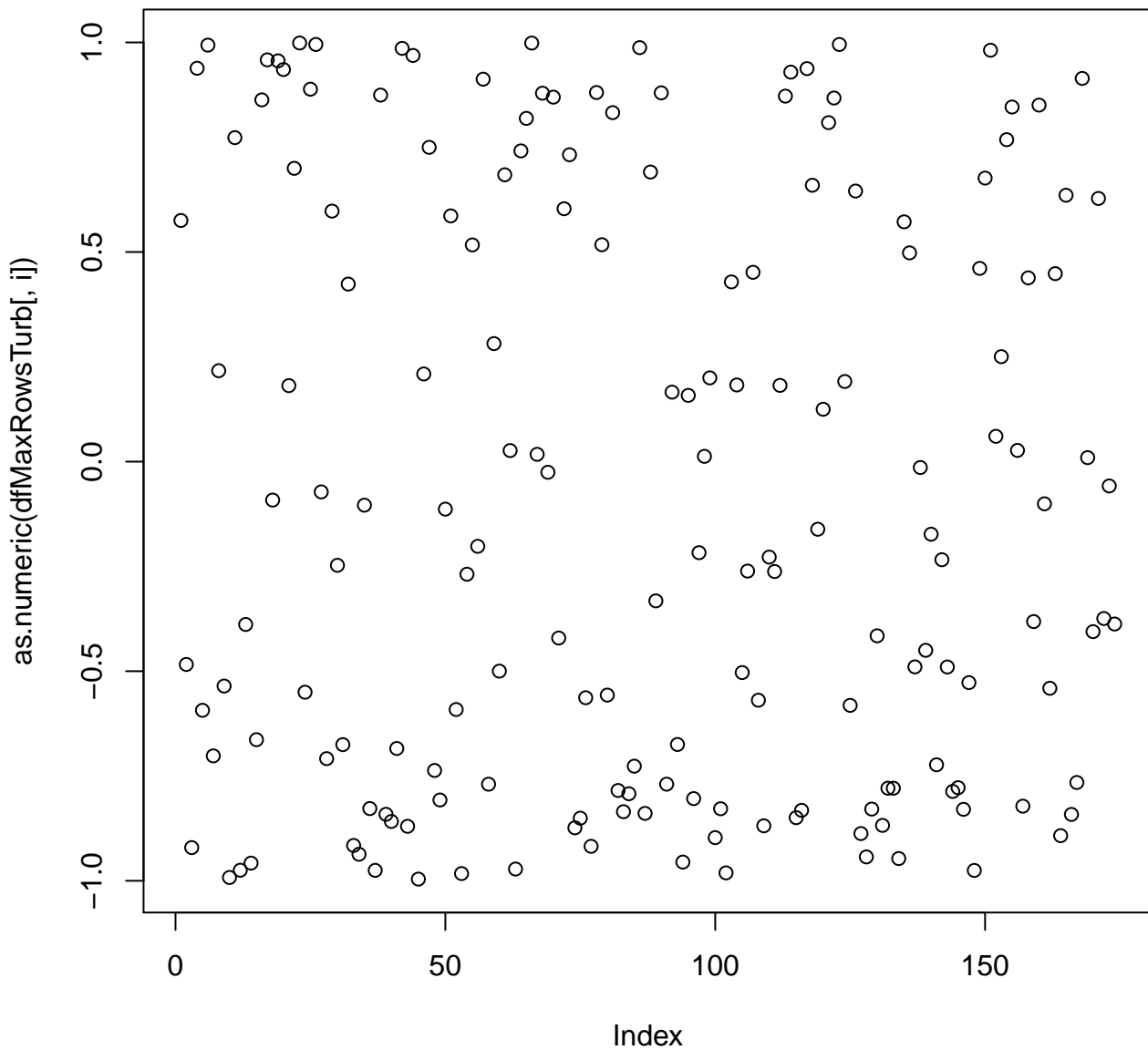
WaveHeightDirection\_Mean\_24\_par



# WaveDirection\_Mean\_1\_perp

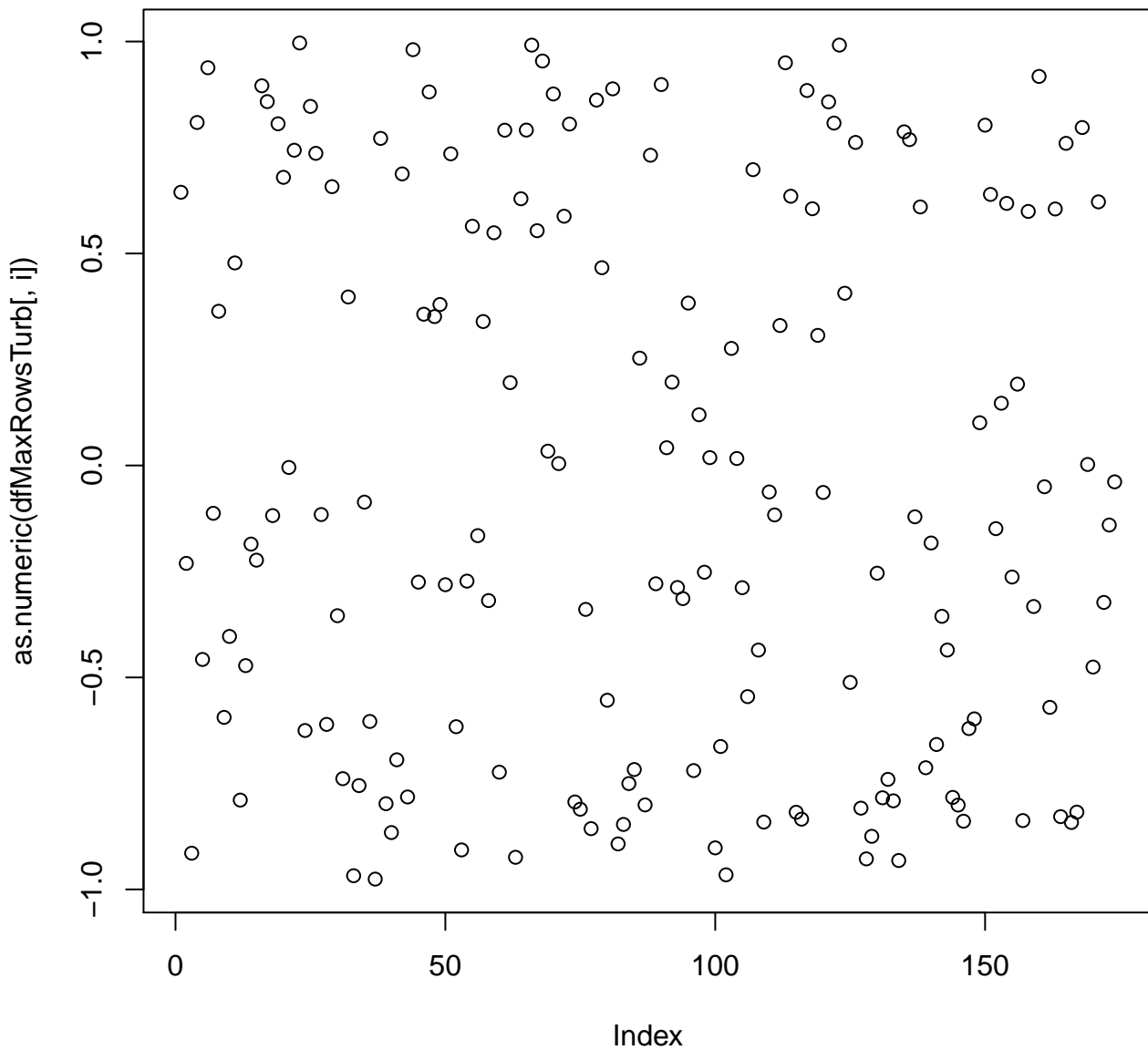


# WaveDirection\_Mean\_2\_perp

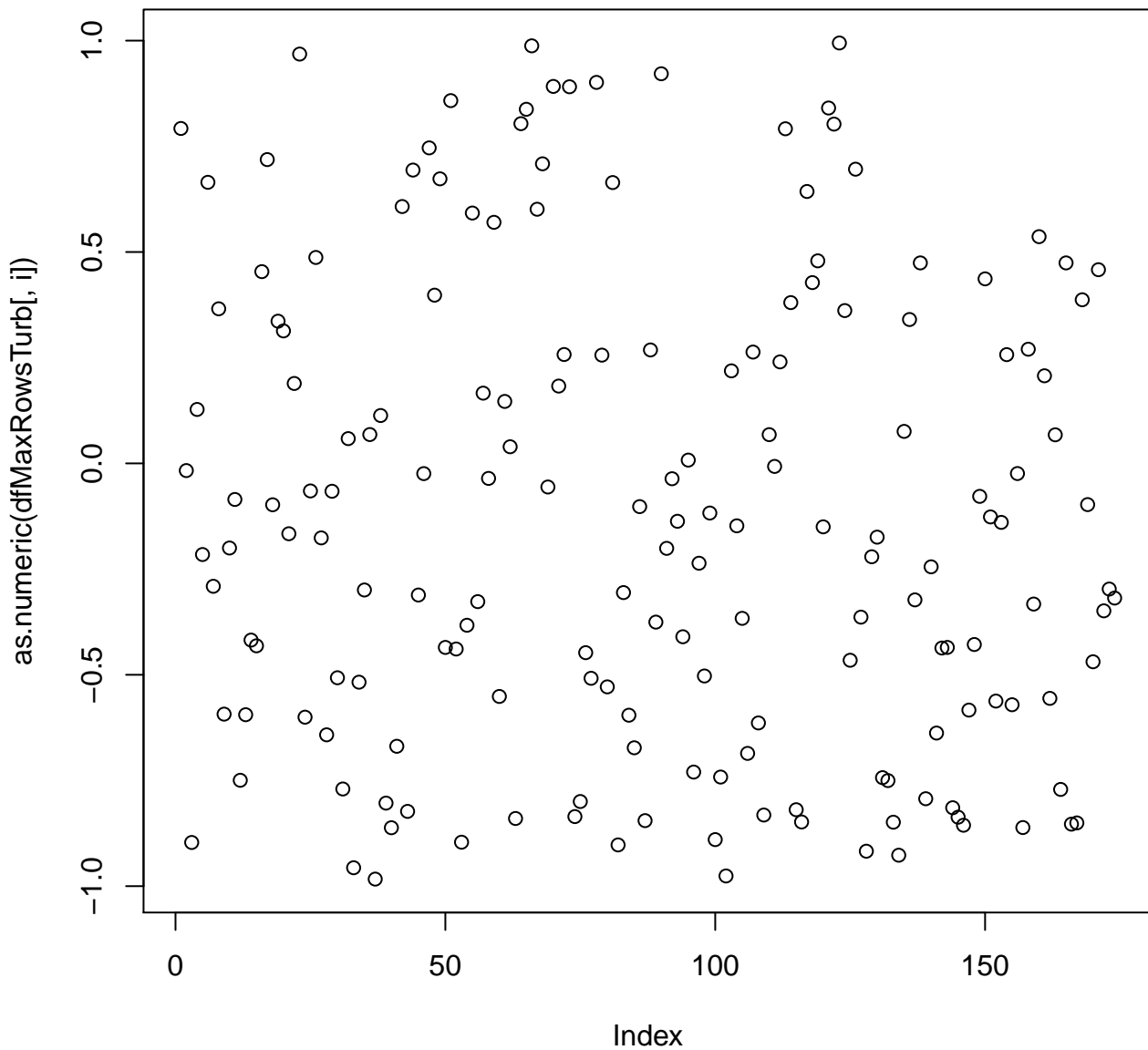




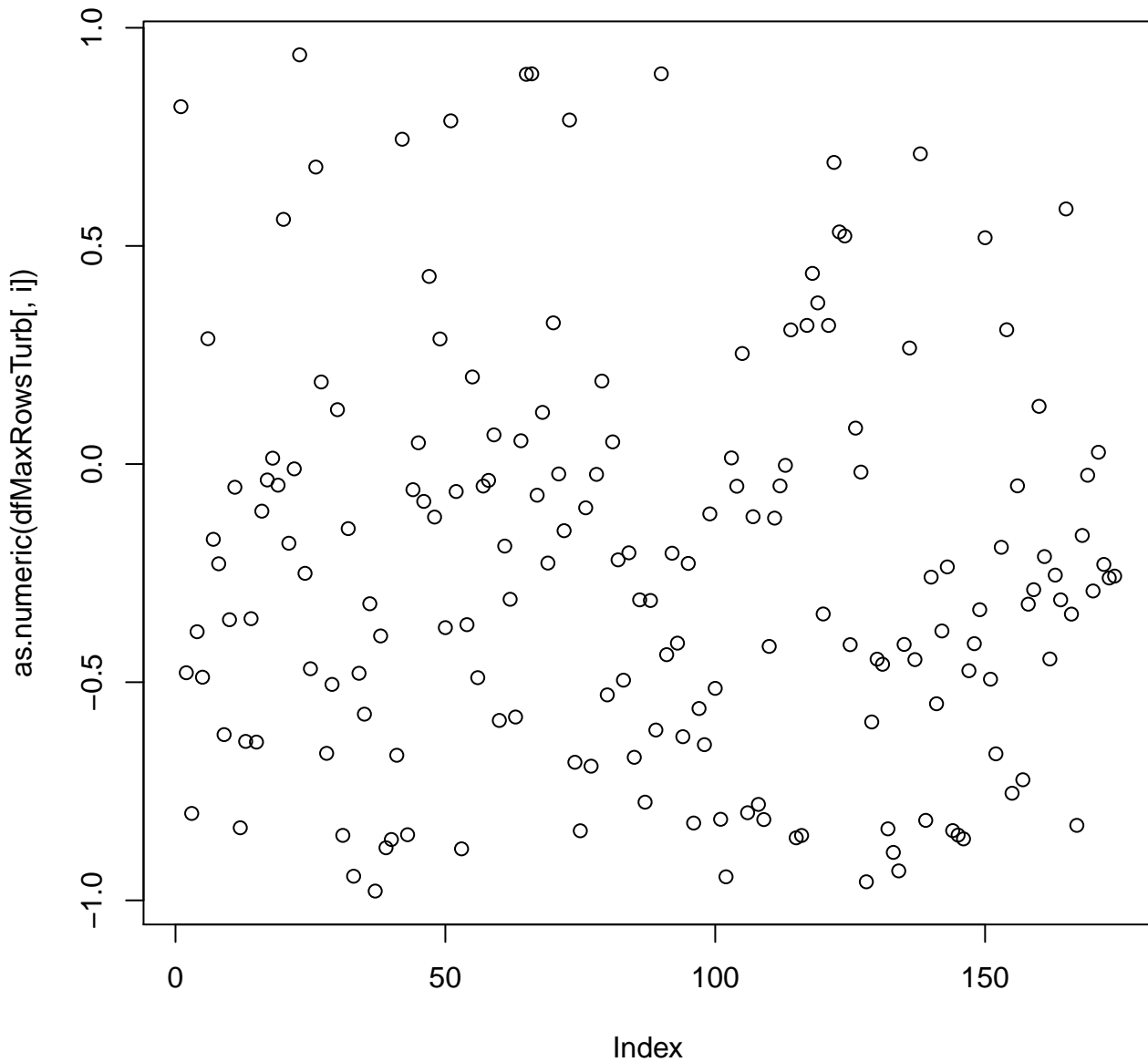
**WaveDirection\_Mean\_6\_perp**



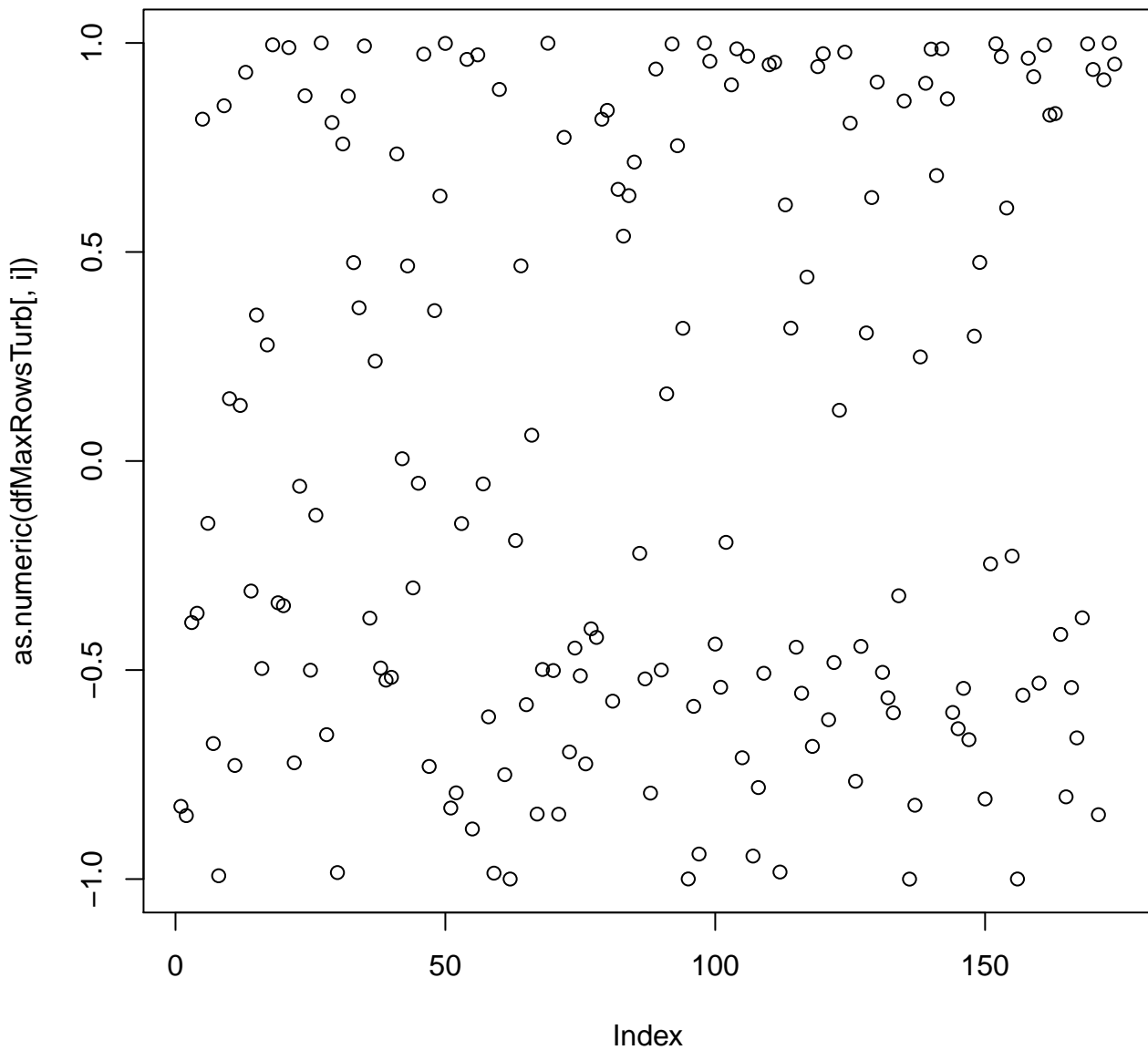
**WaveDirection\_Mean\_12\_perp**



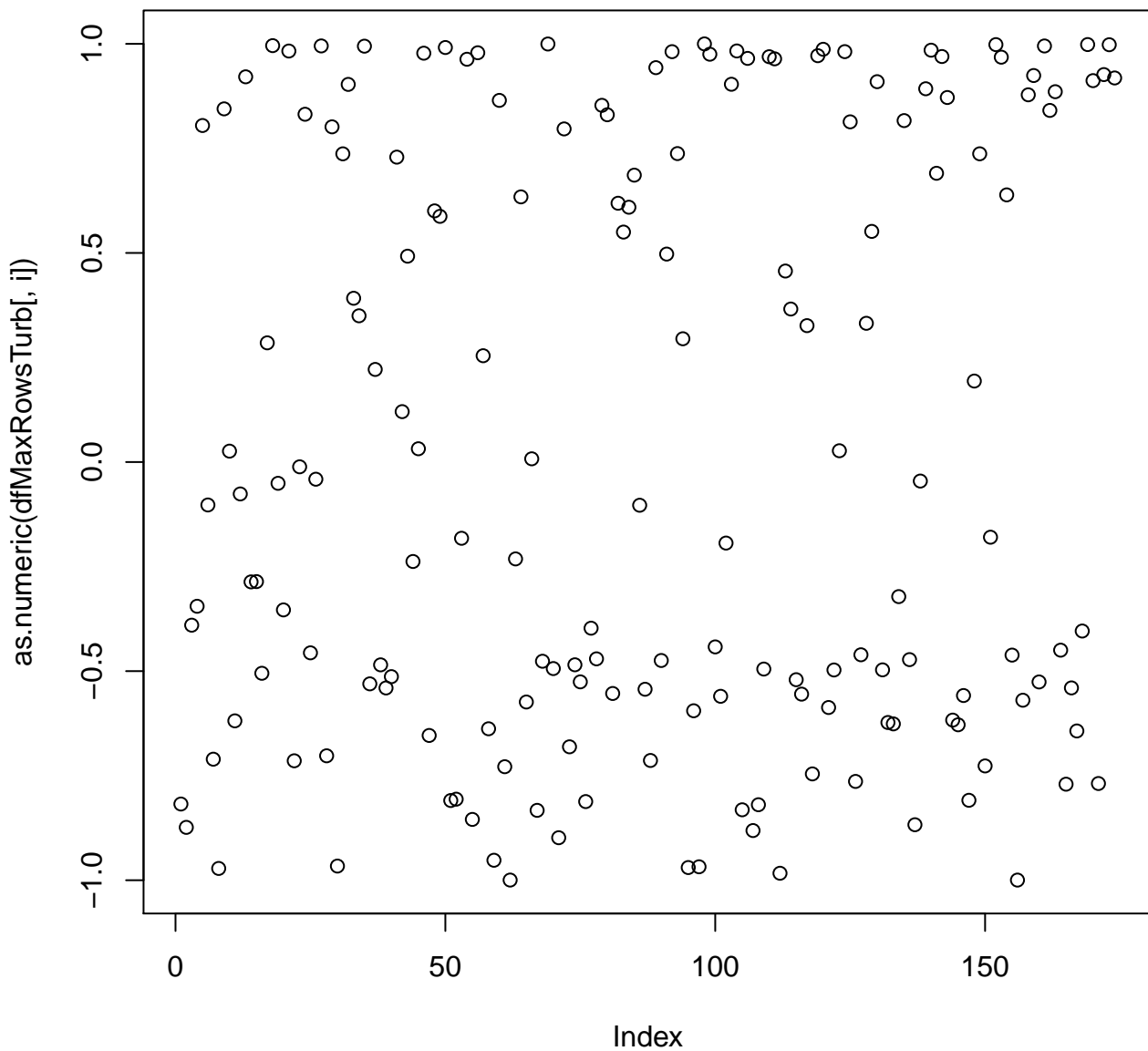
**WaveDirection\_Mean\_24\_perp**



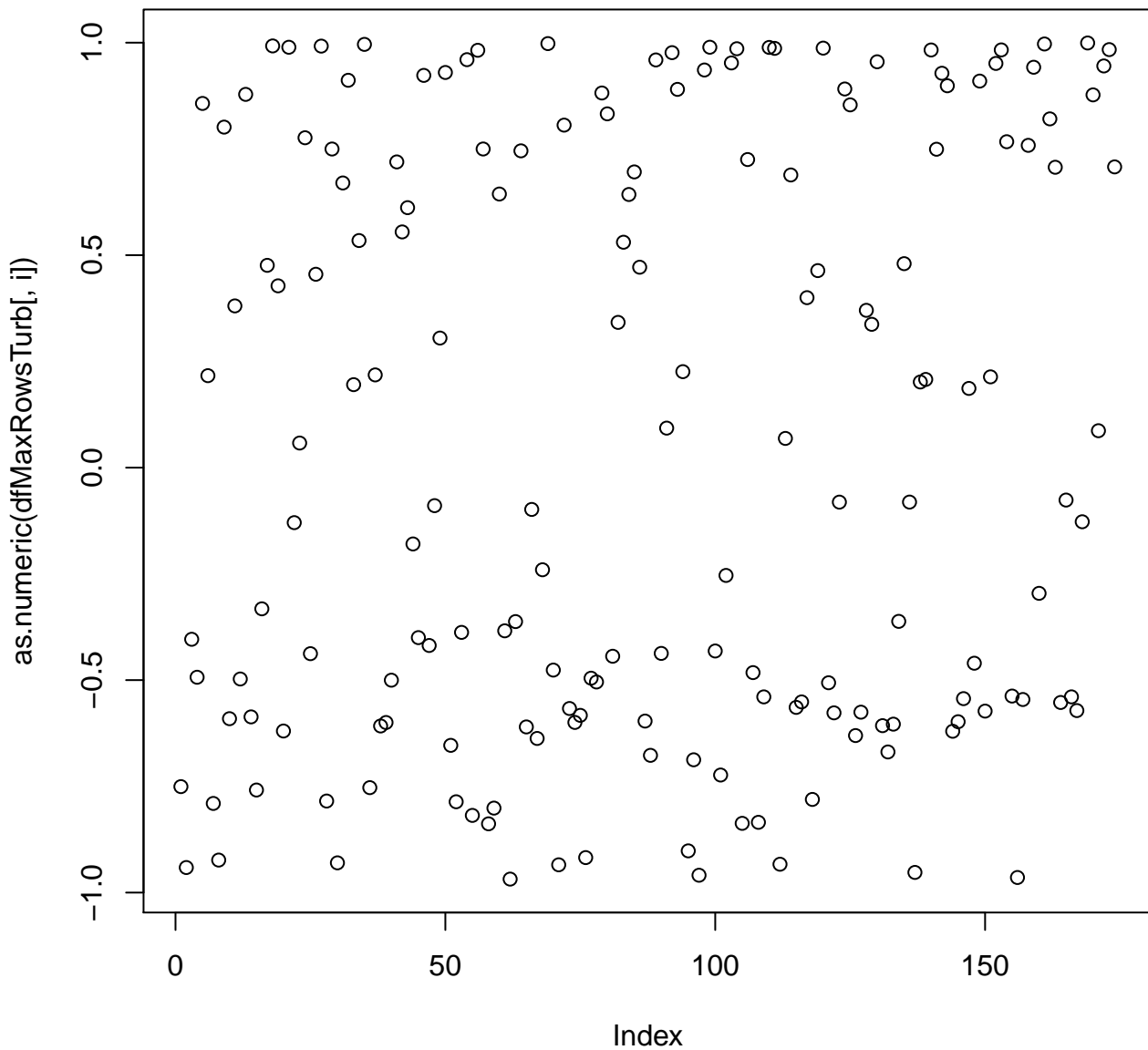
# WaveDirection\_Mean\_1\_par



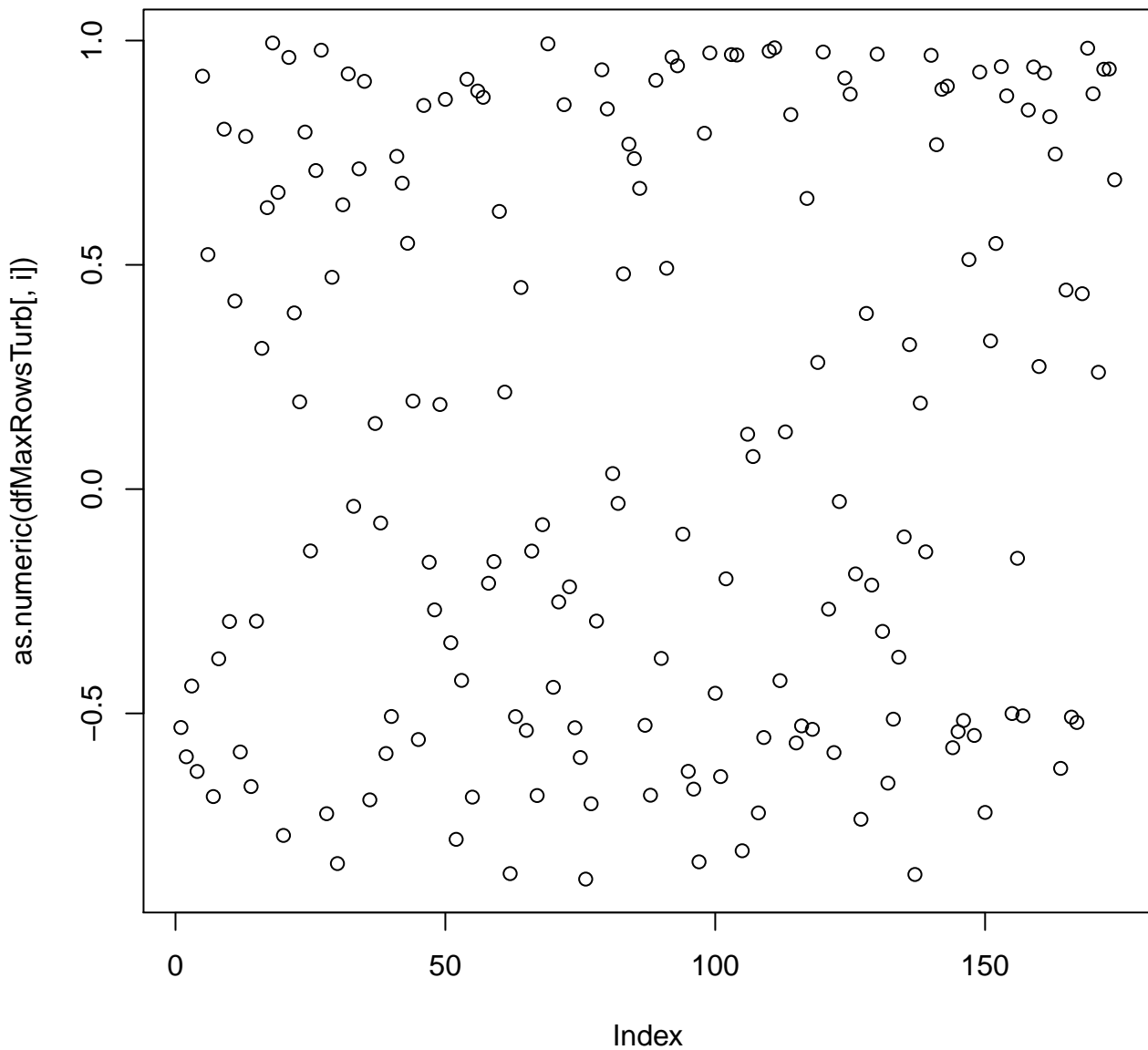
WaveDirection\_Mean\_2\_par



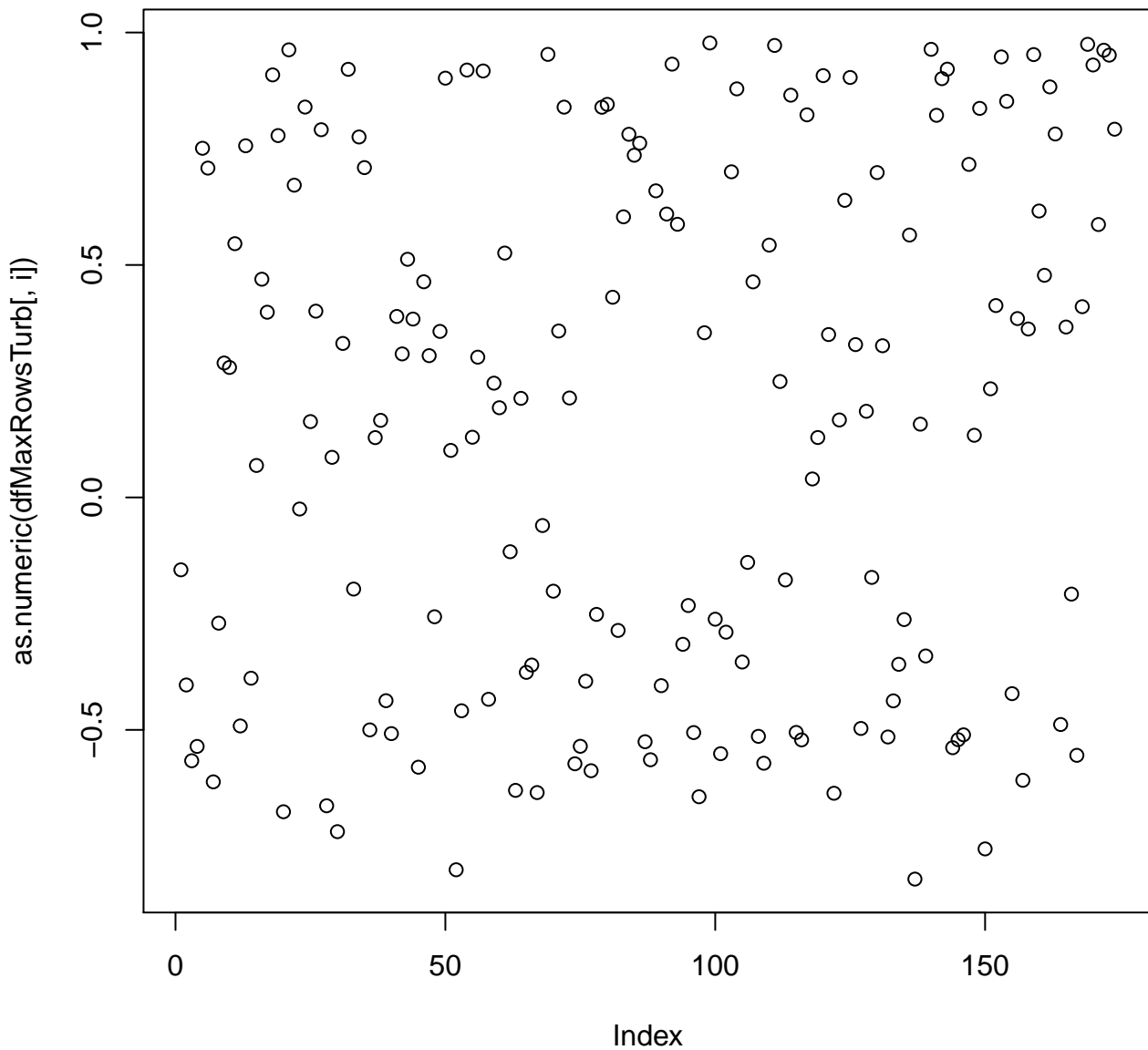
WaveDirection\_Mean\_6\_par



**WaveDirection\_Mean\_12\_par**

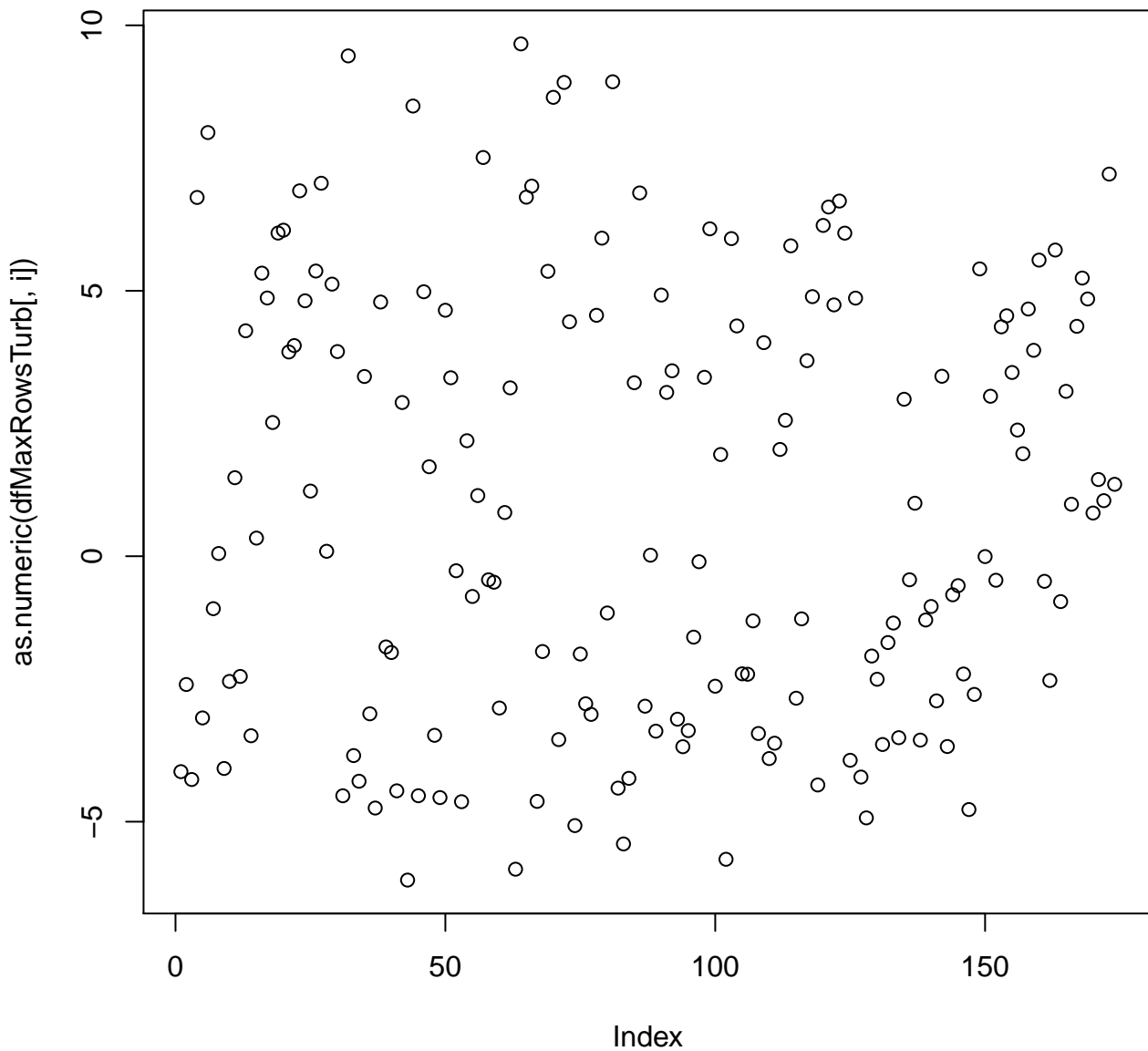


WaveDirection\_Mean\_24\_par

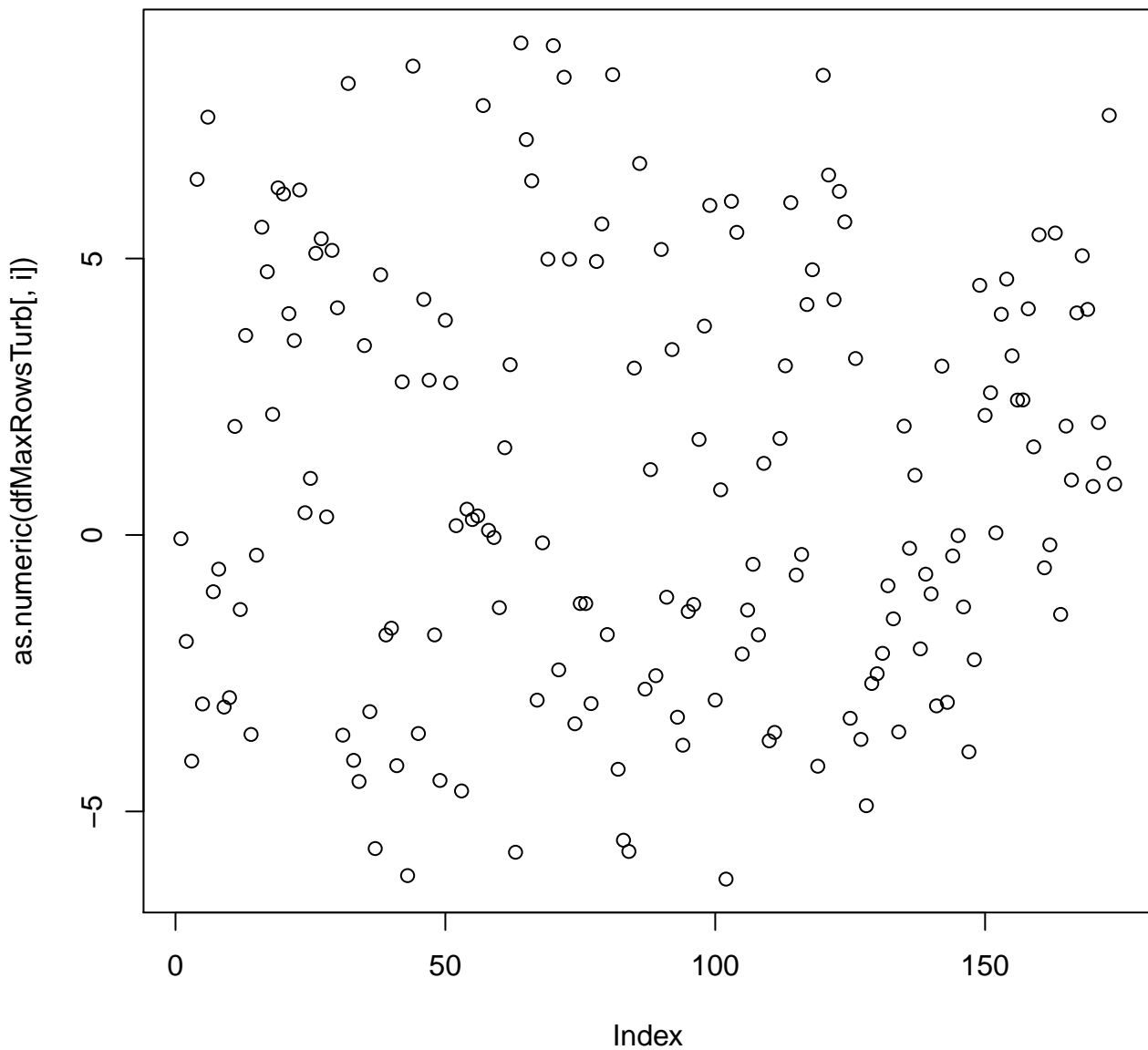




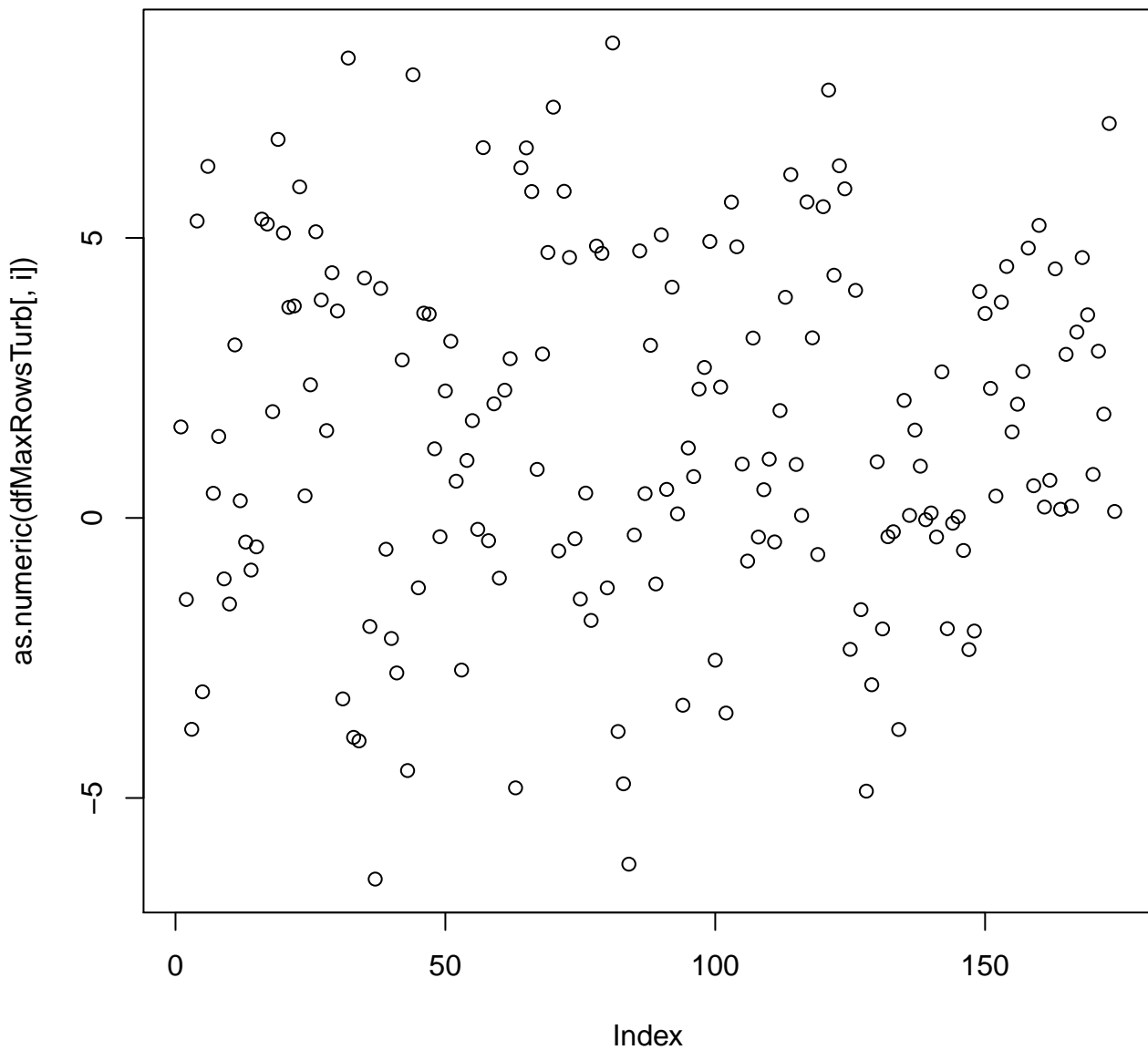
# Wind\_Mean\_1\_perp



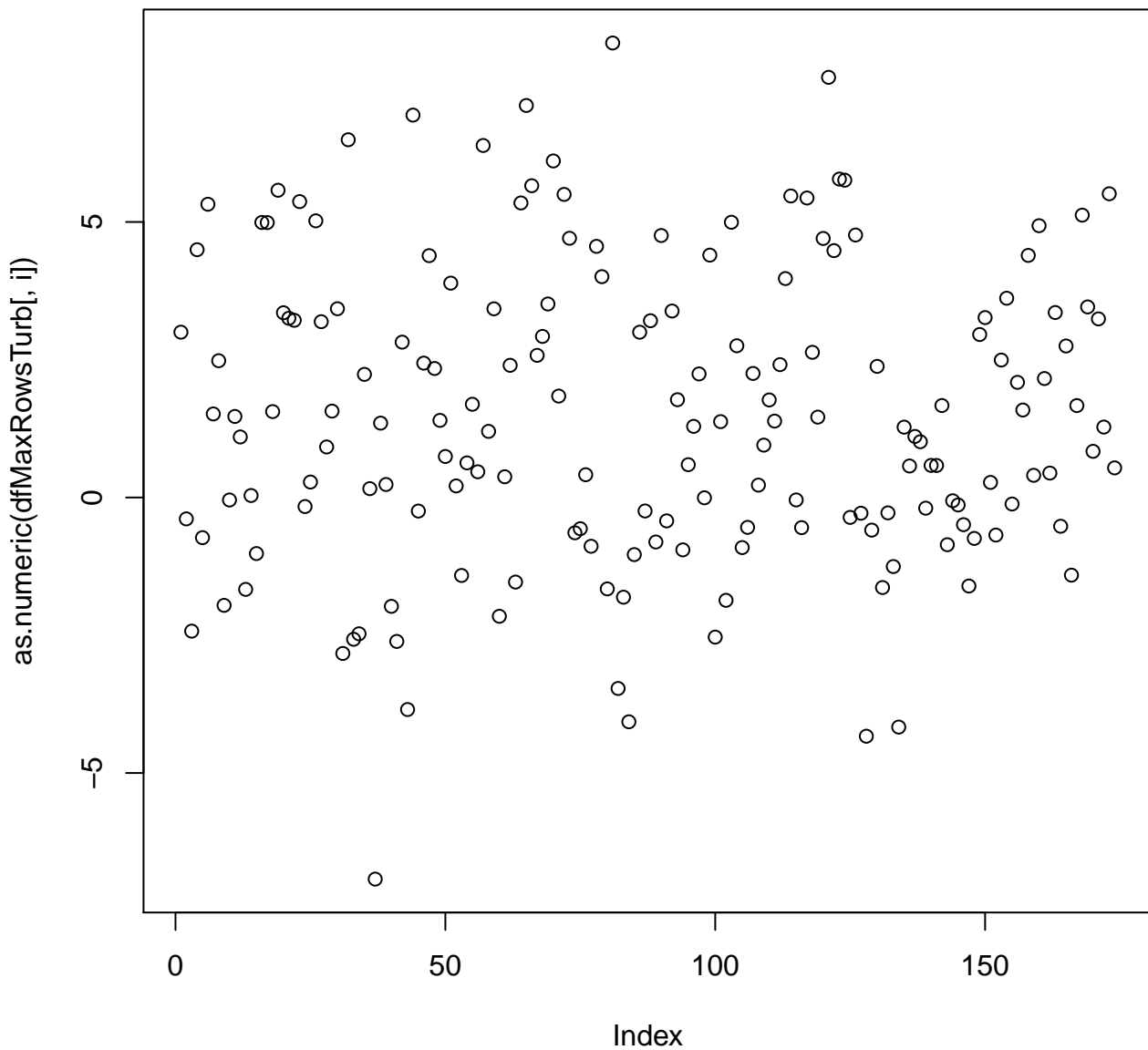
Wind\_Mean\_2\_perp



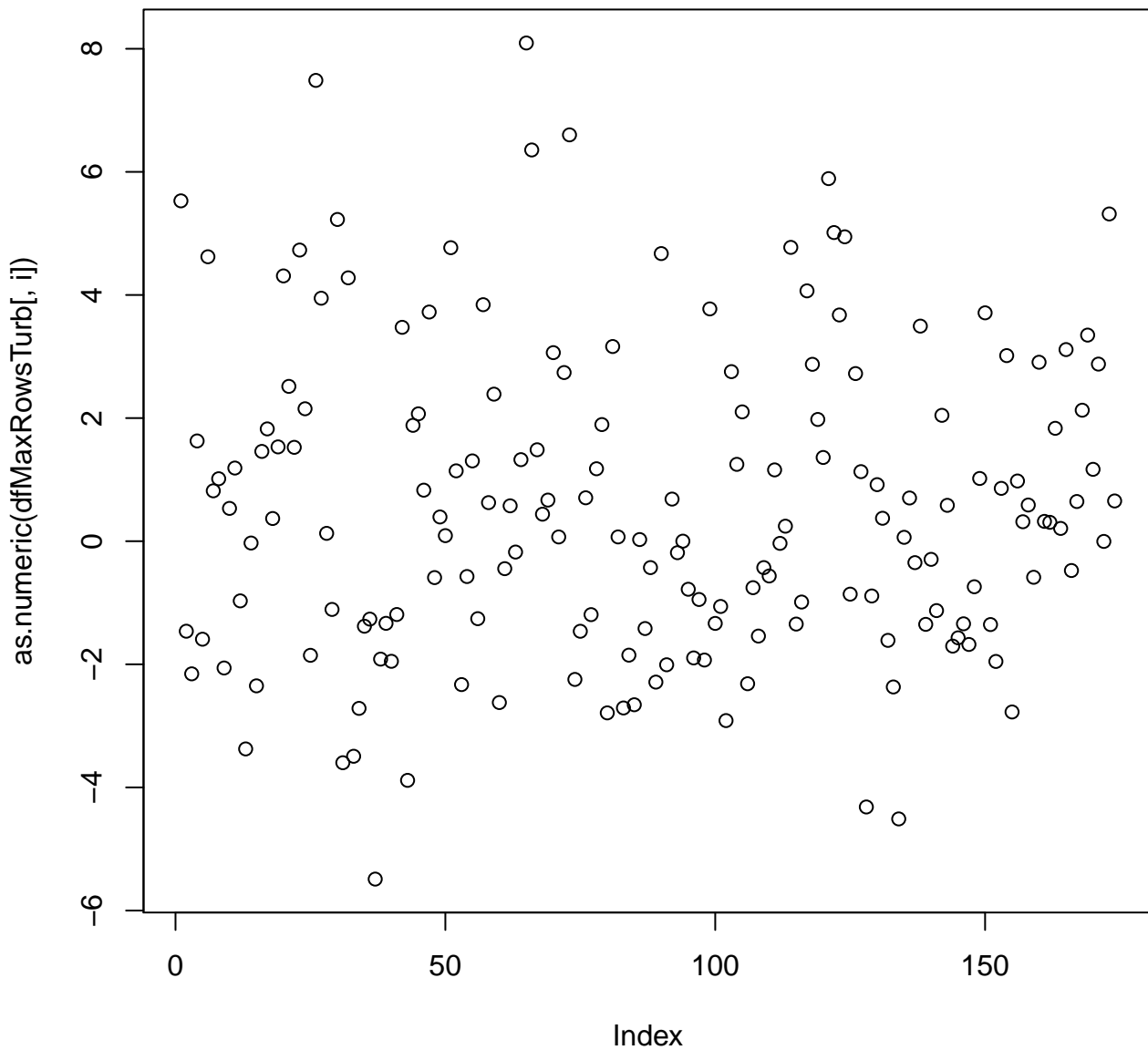
# Wind\_Mean\_6\_perp



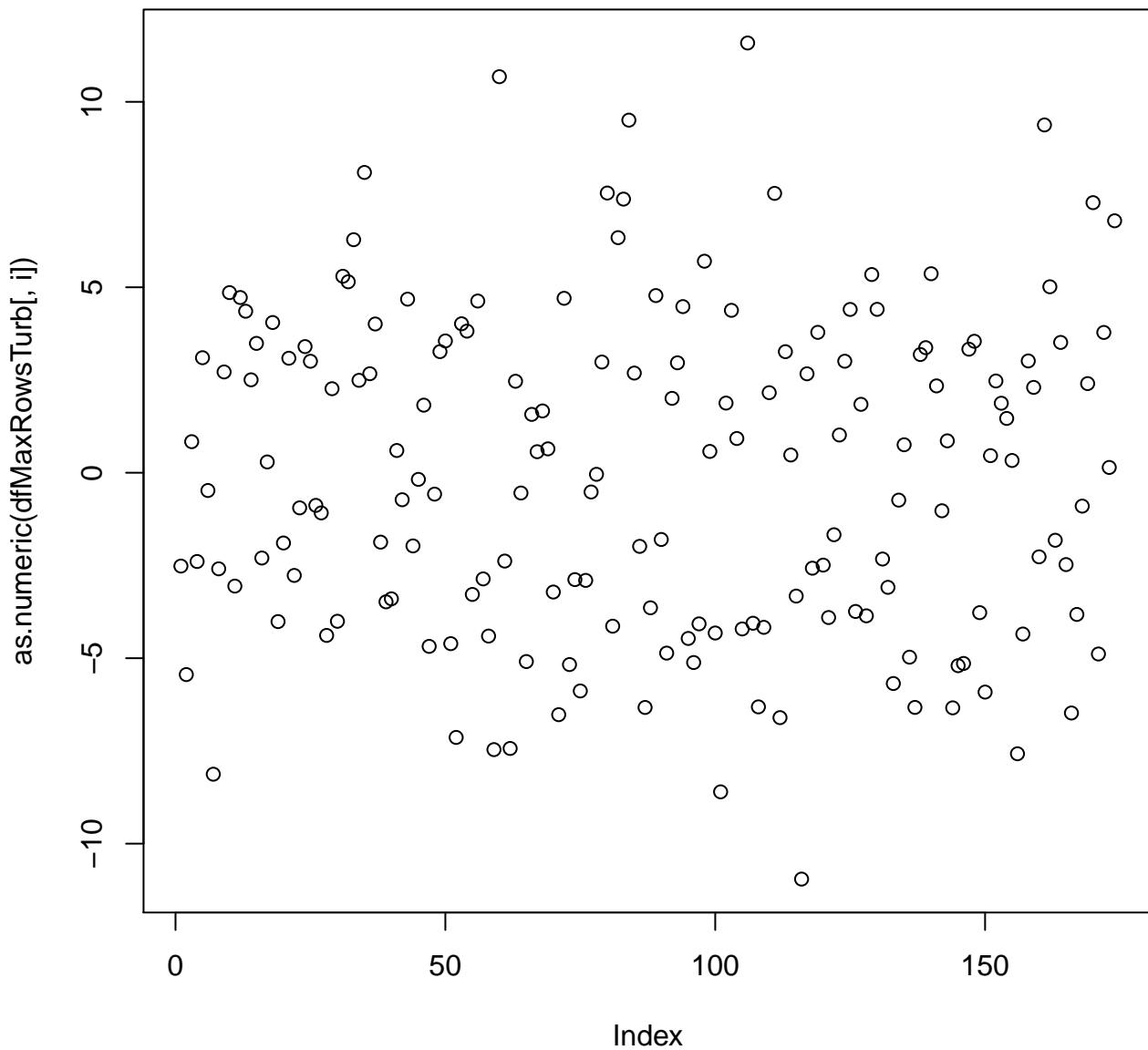
**Wind\_Mean\_12\_perp**



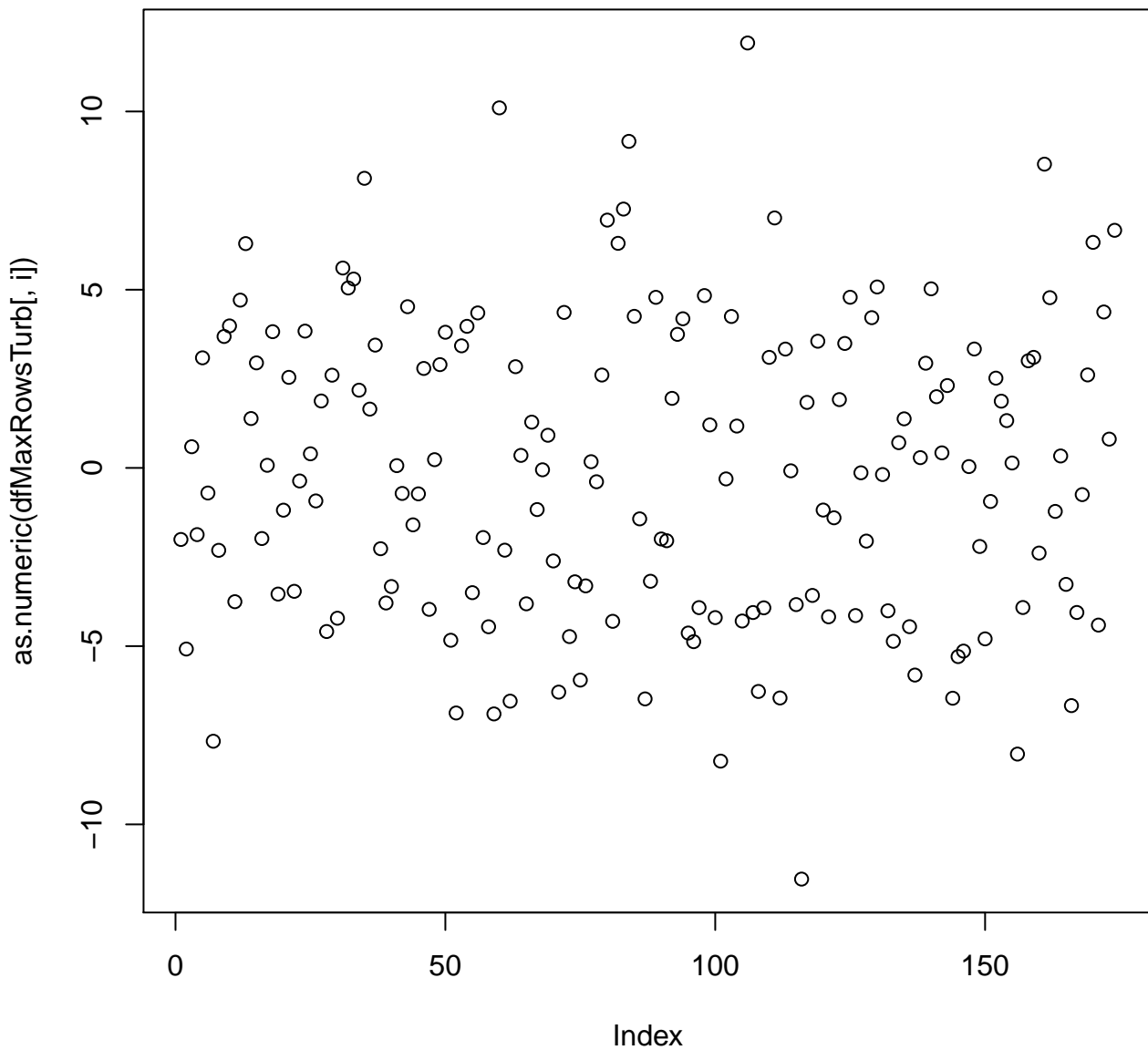
**Wind\_Mean\_24\_perp**



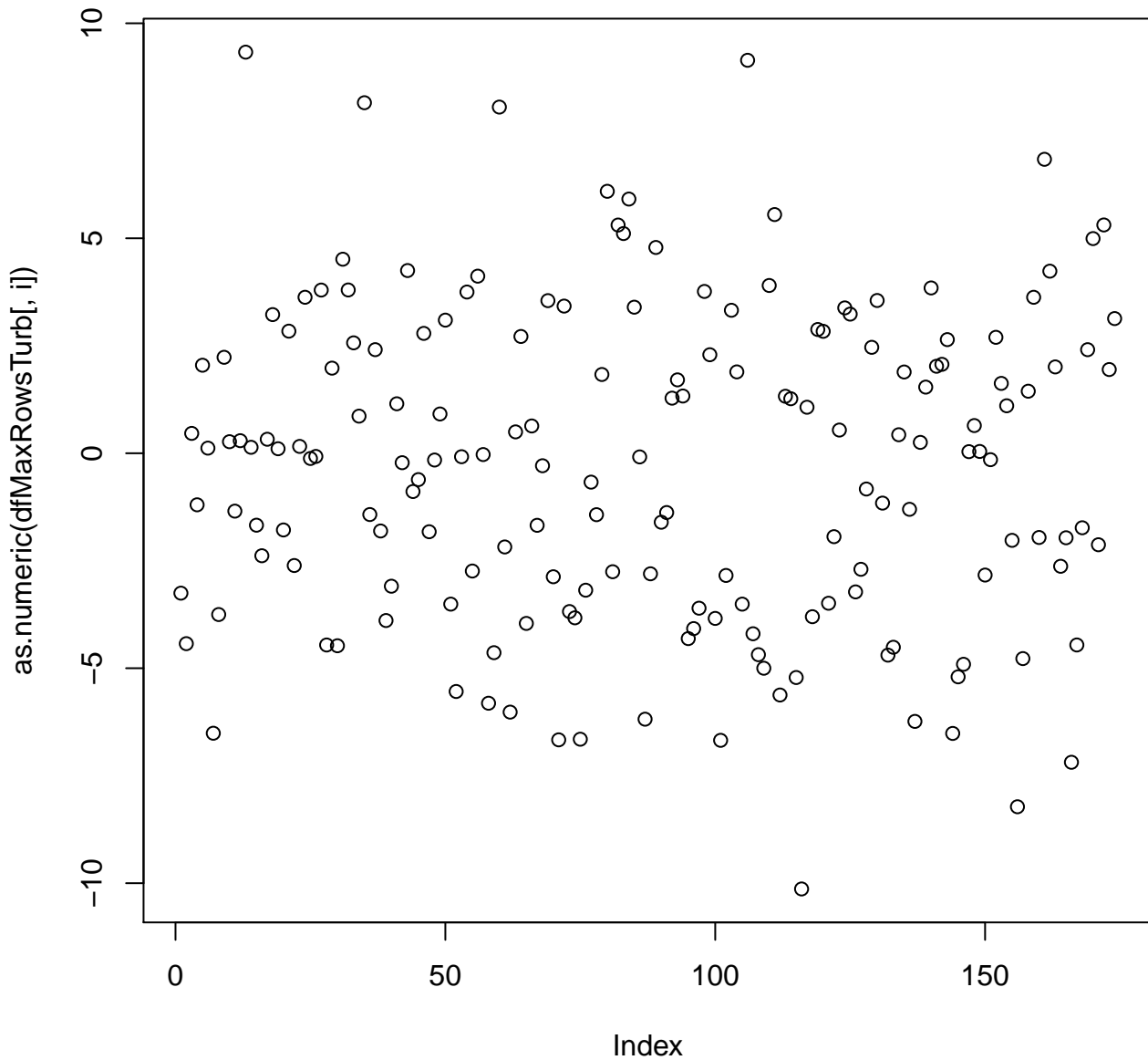
# Wind\_Mean\_1\_par



# Wind\_Mean\_2\_par

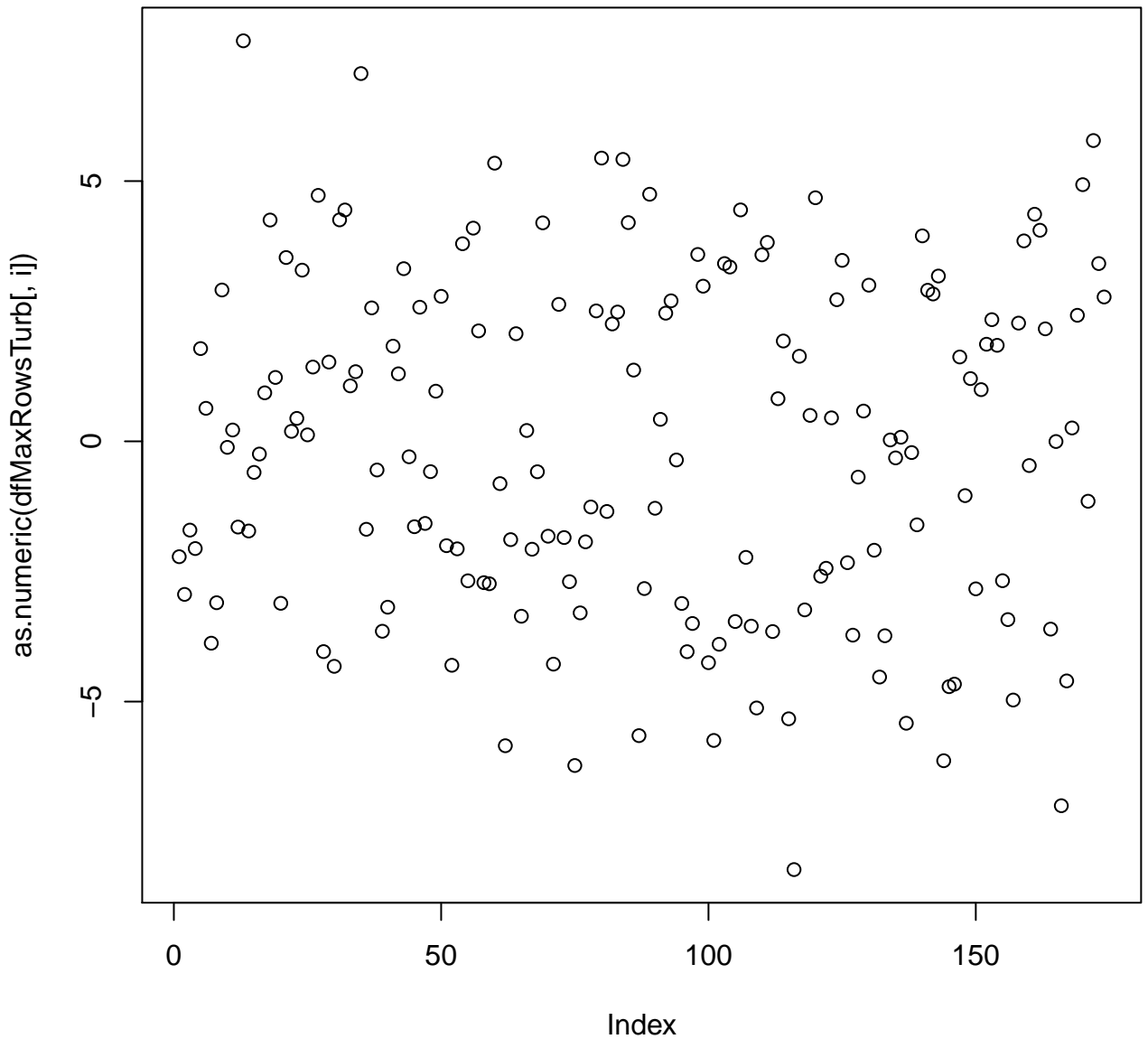


# Wind\_Mean\_6\_par

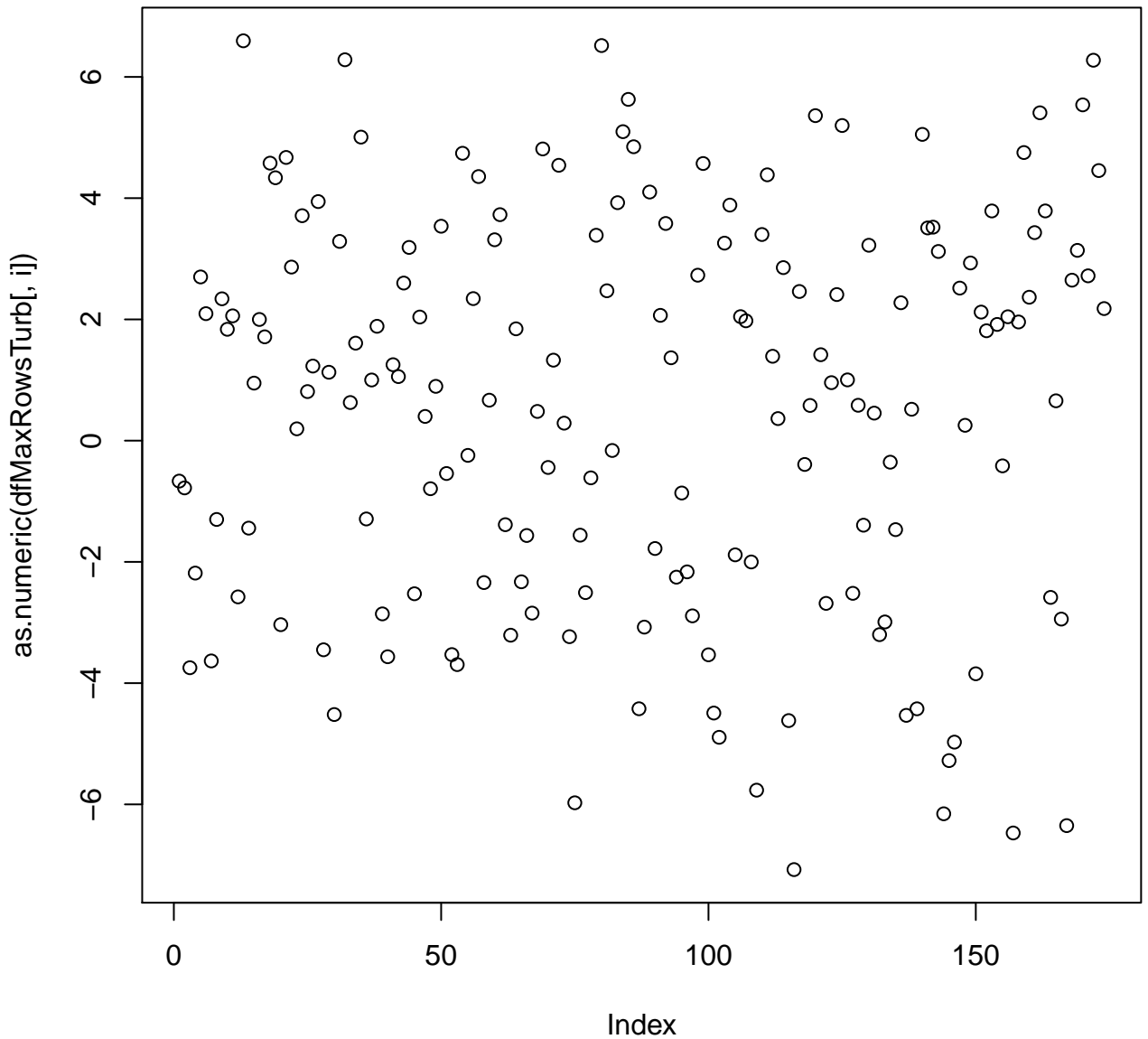




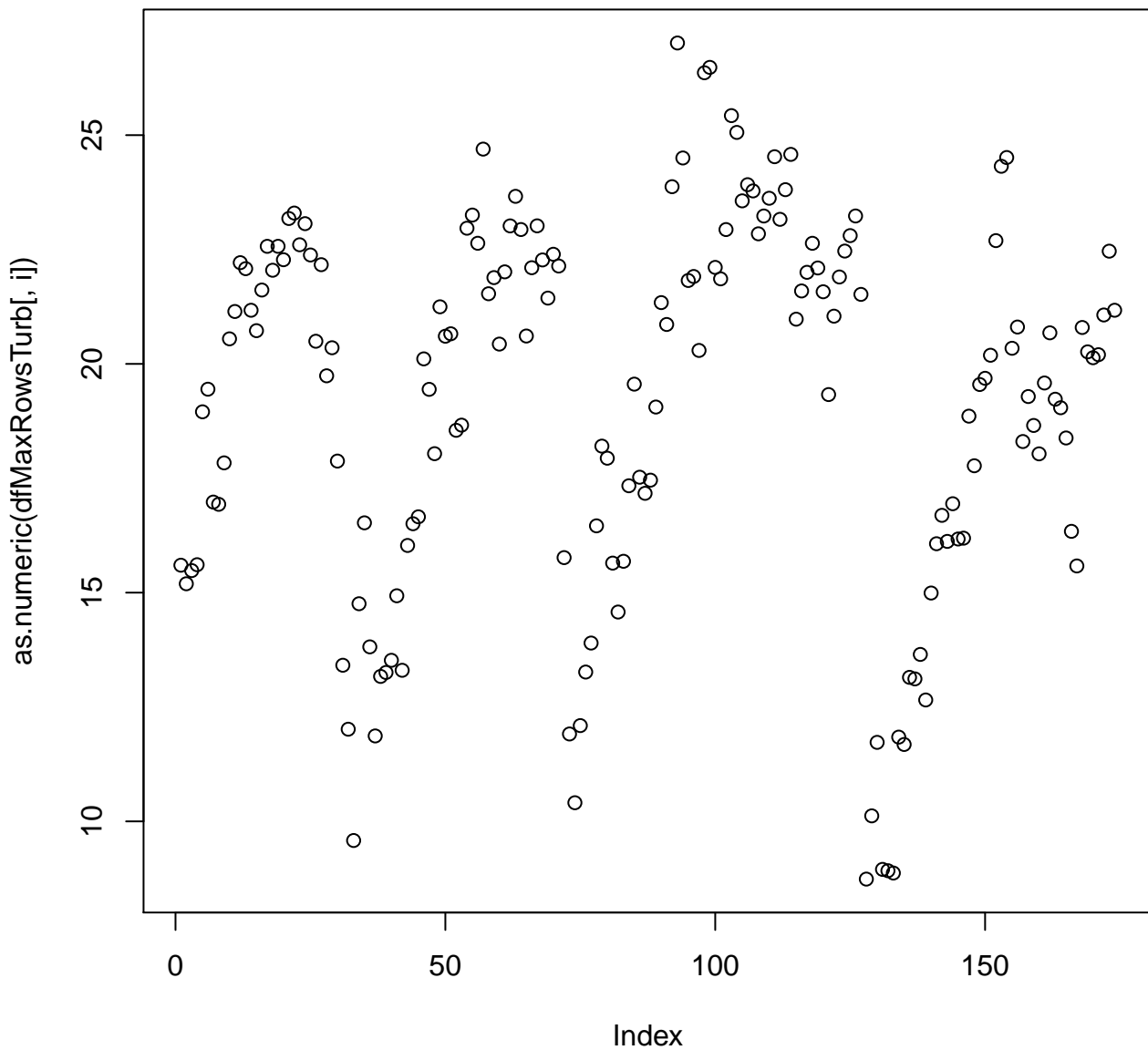
Wind\_Mean\_12\_par



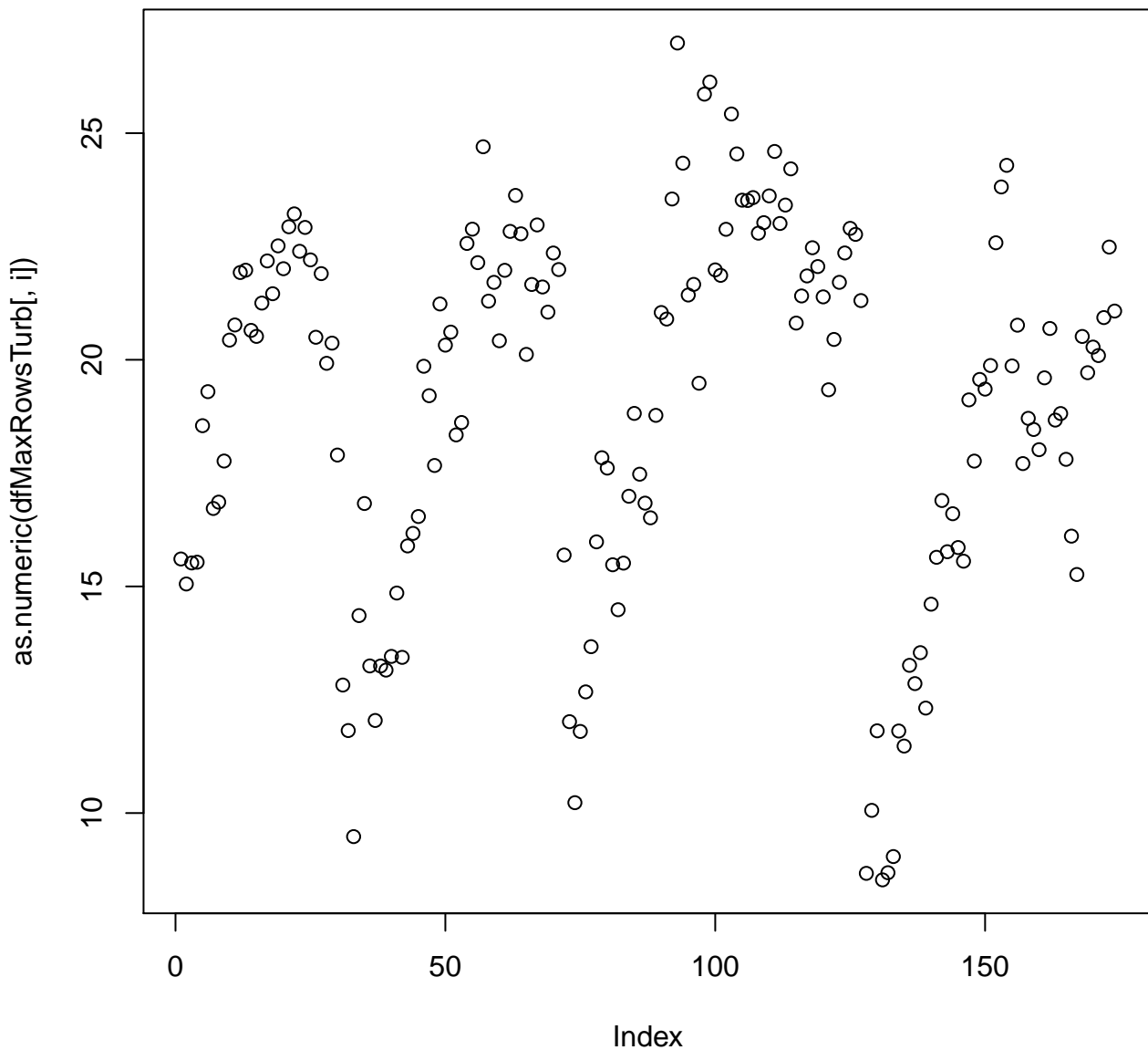
**Wind\_Mean\_24\_par**



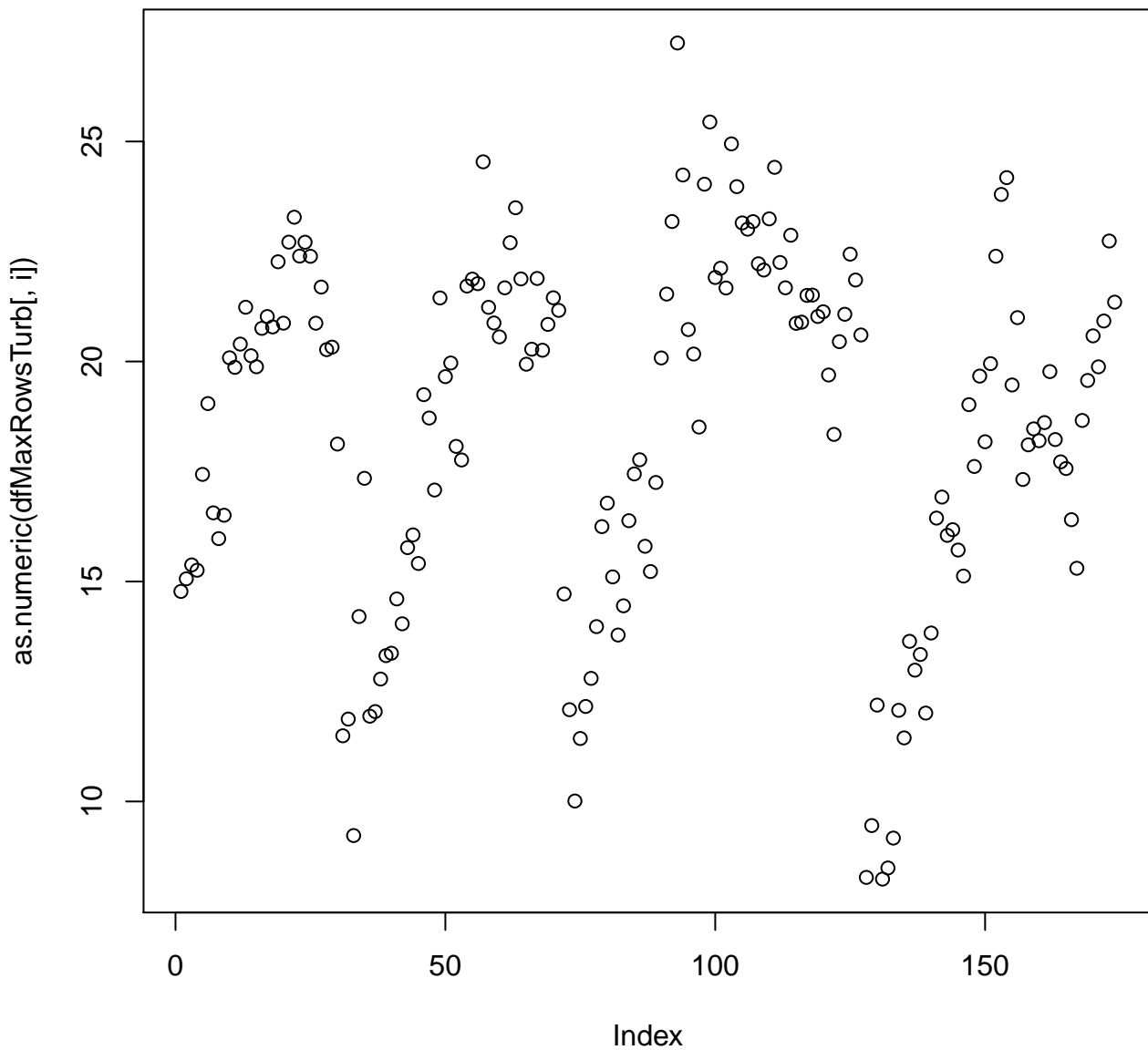
**AirTemperature\_Mean\_1**



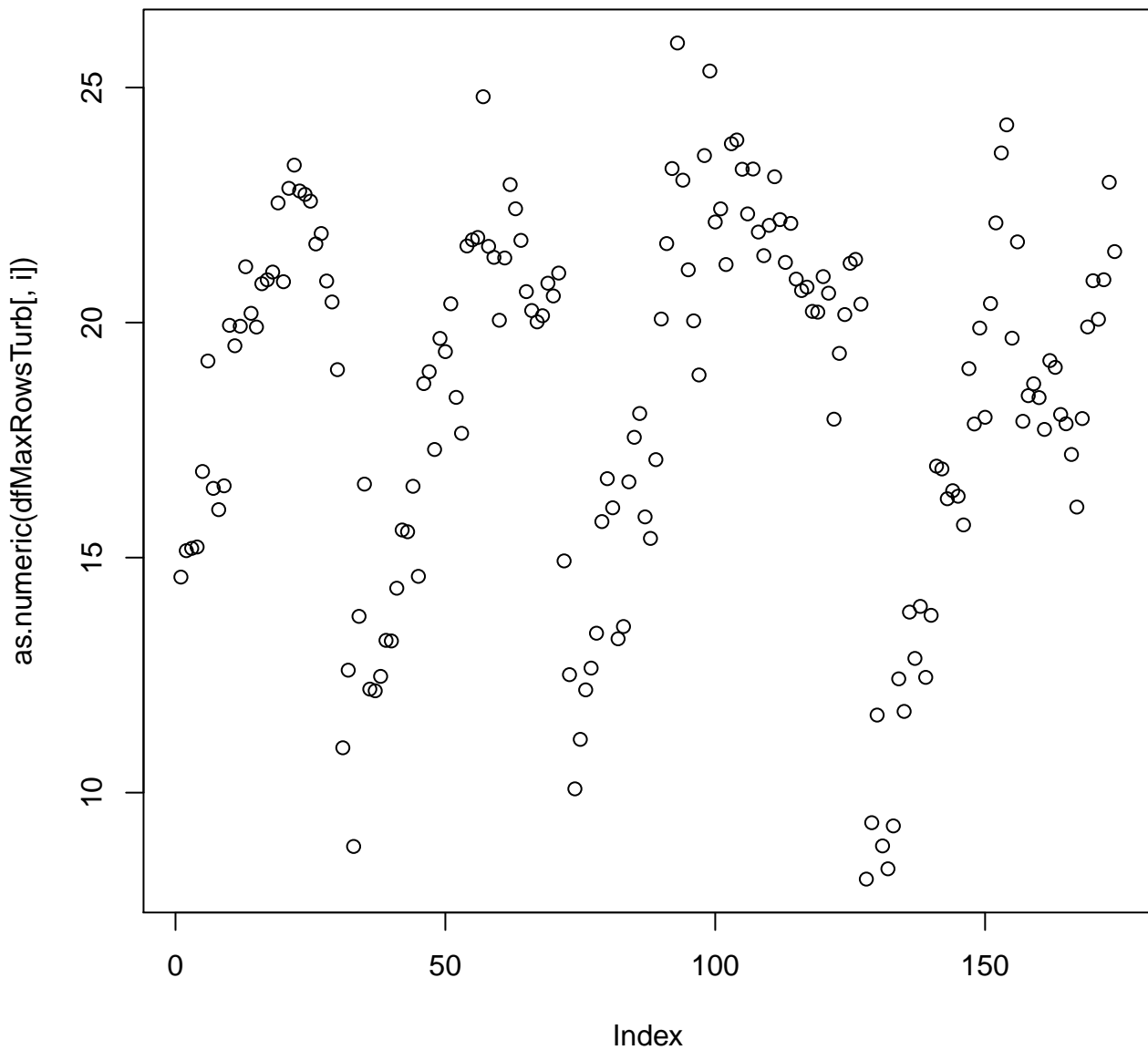
**AirTemperature\_Mean\_2**



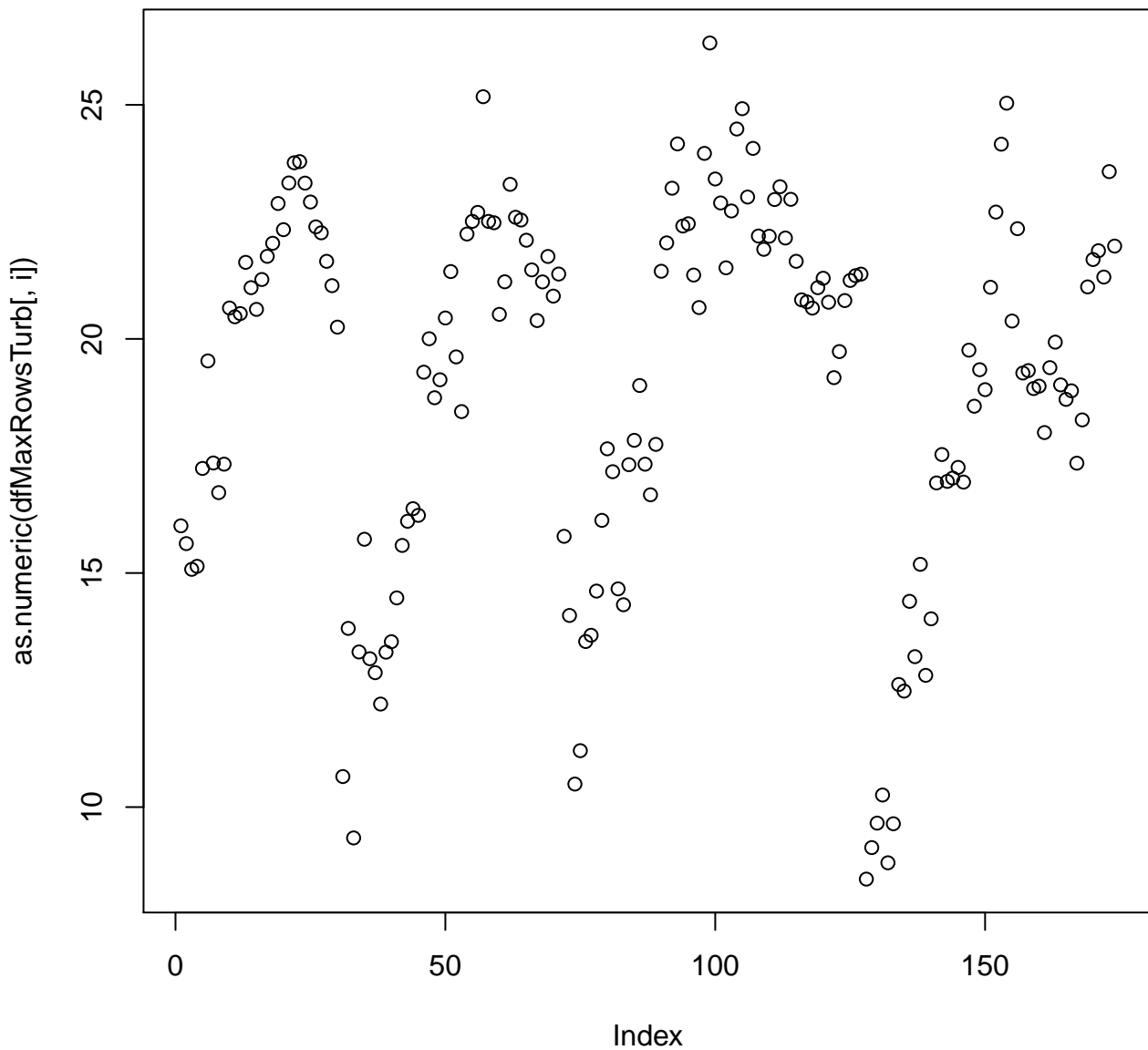
**AirTemperature\_Mean\_6**



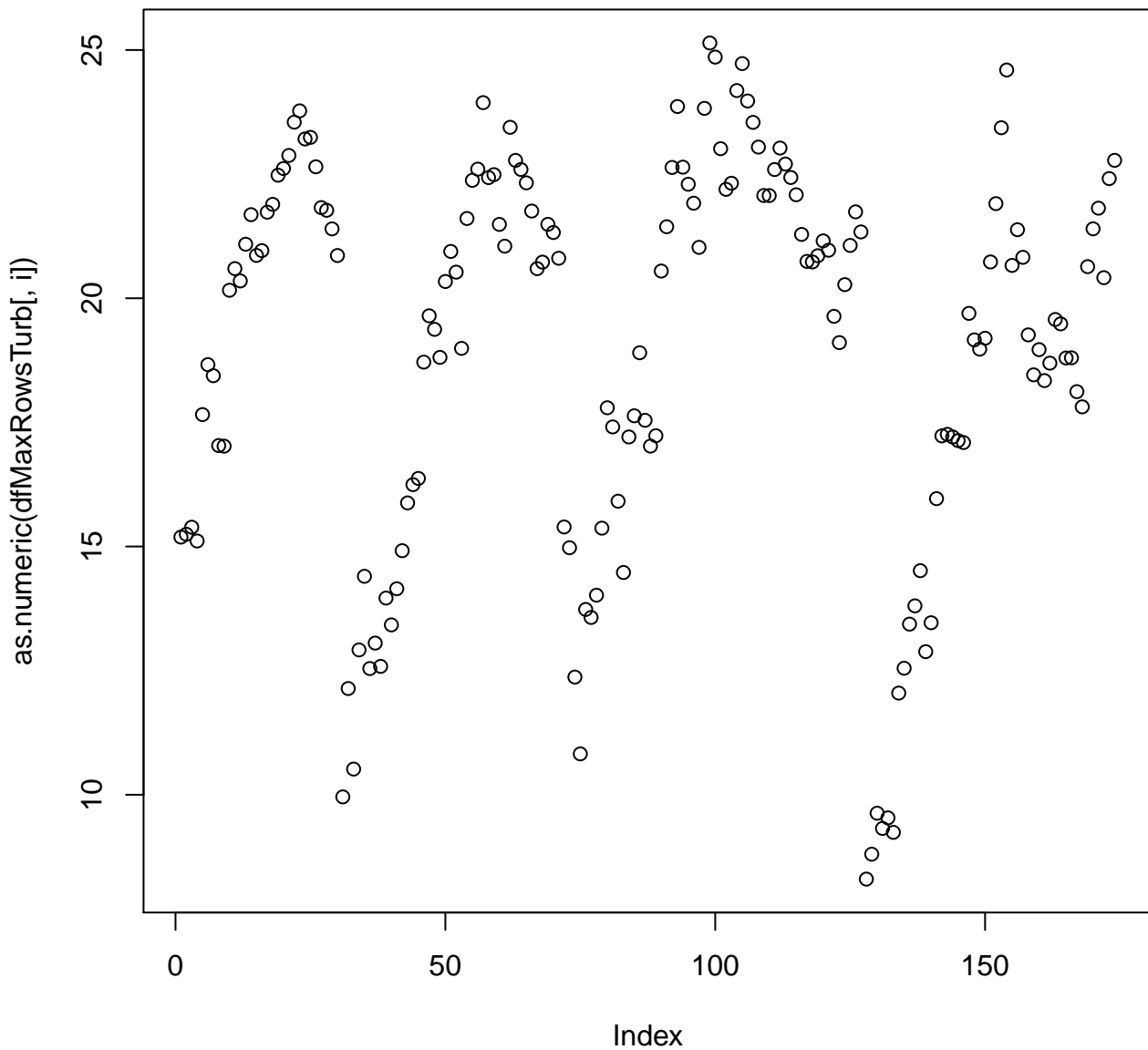
**AirTemperature\_Mean\_12**



**AirTemperature\_Mean\_24**

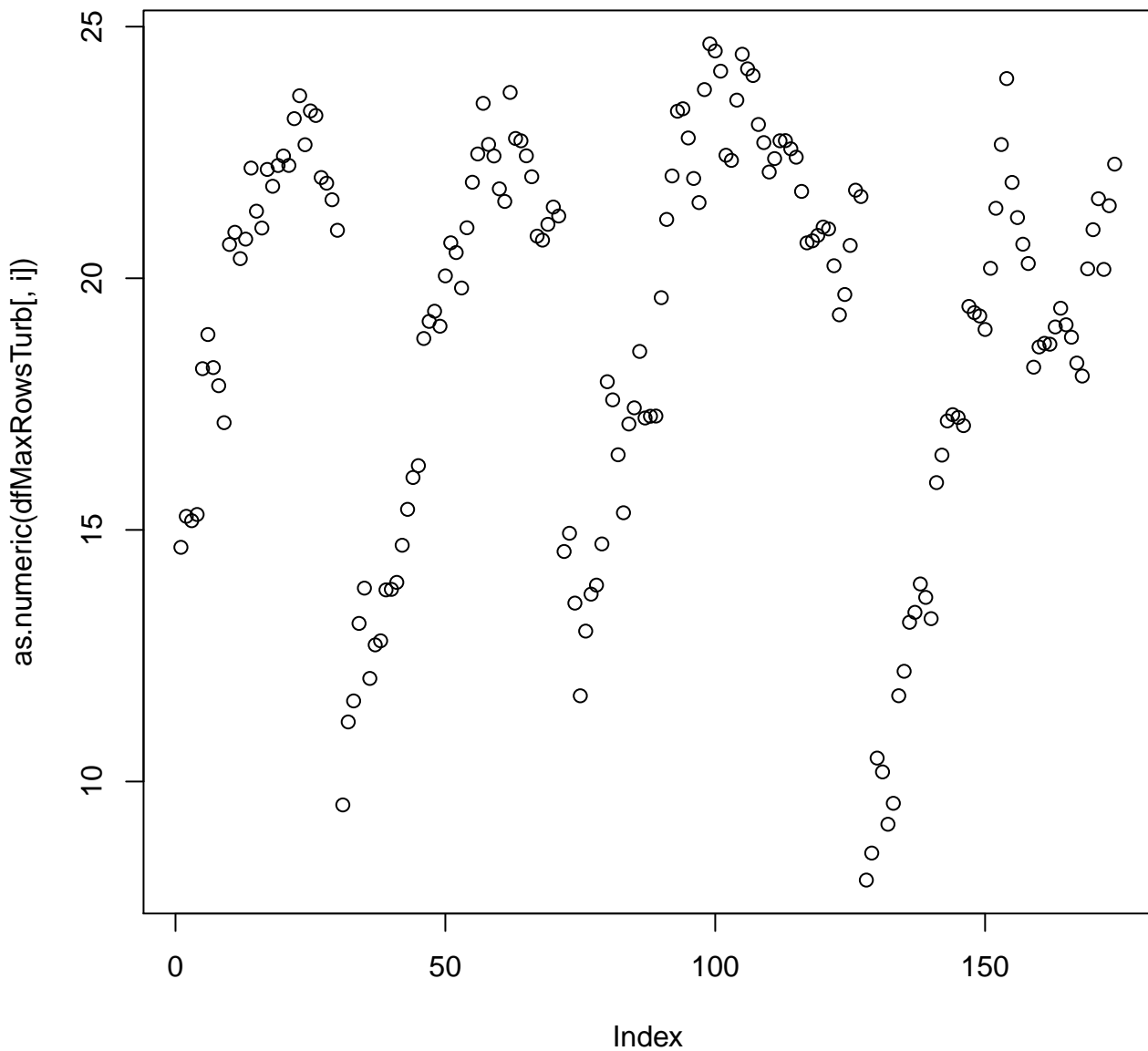


**AirTemperature\_Mean\_48**

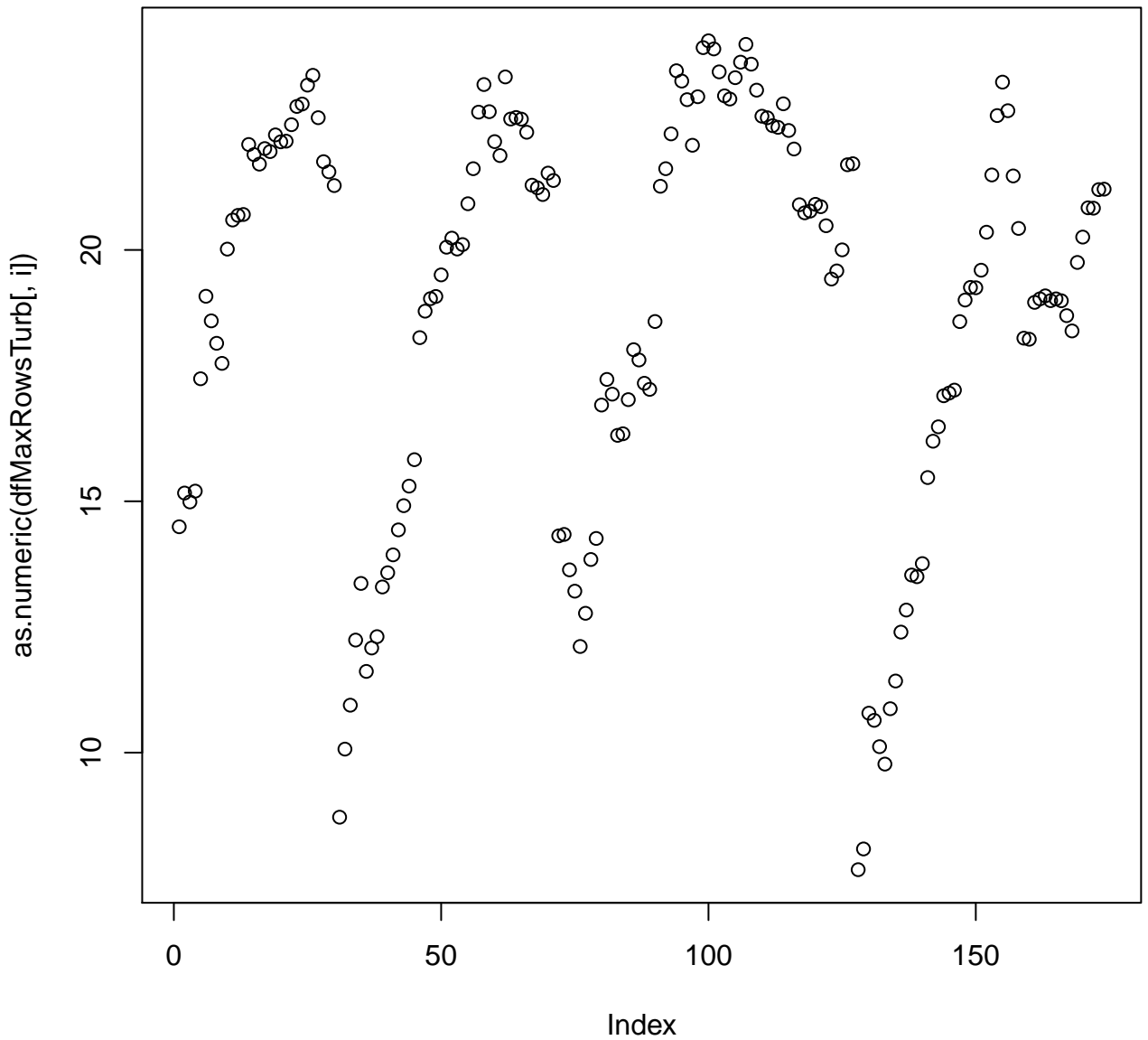




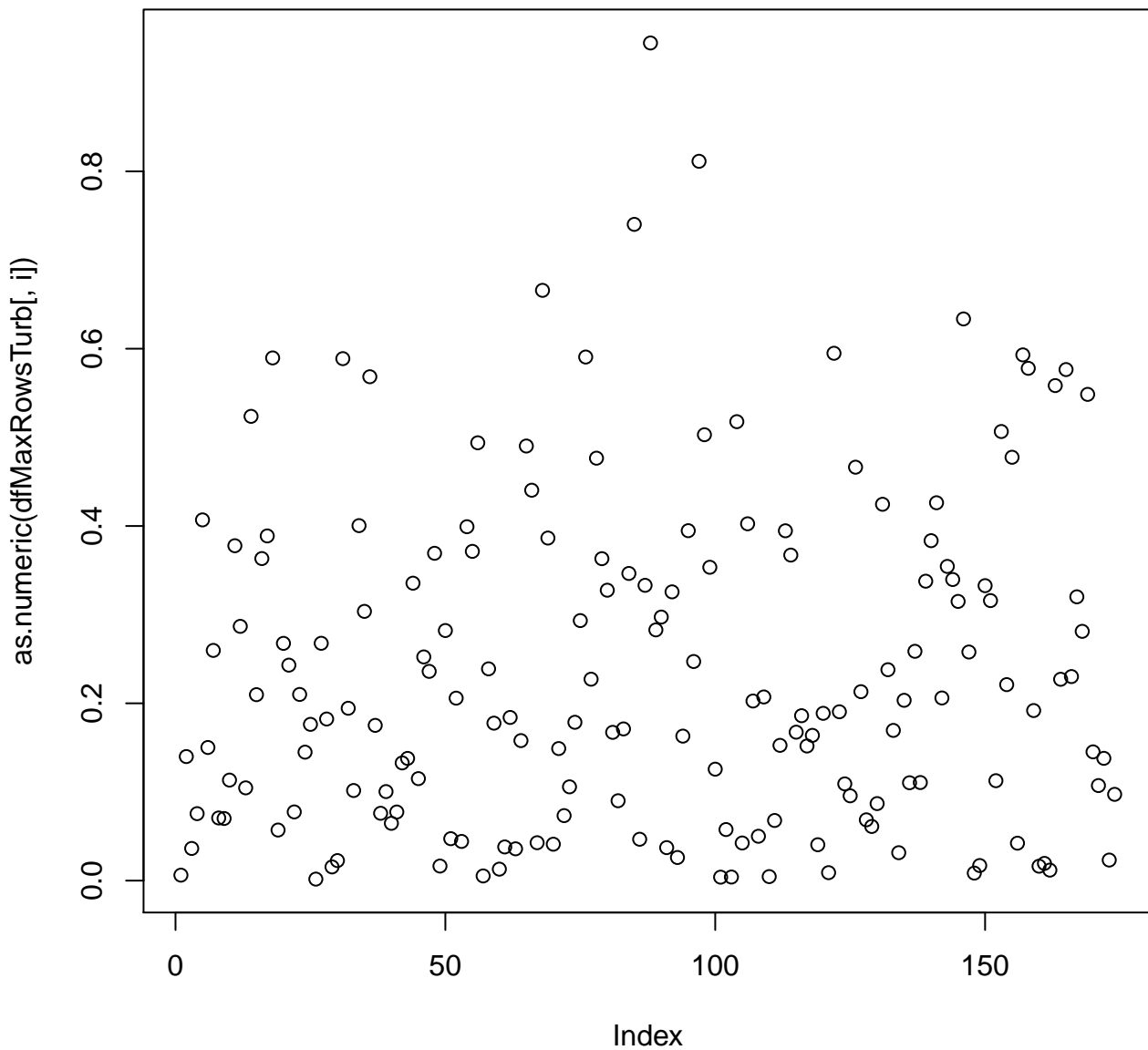
**AirTemperature\_Mean\_72**



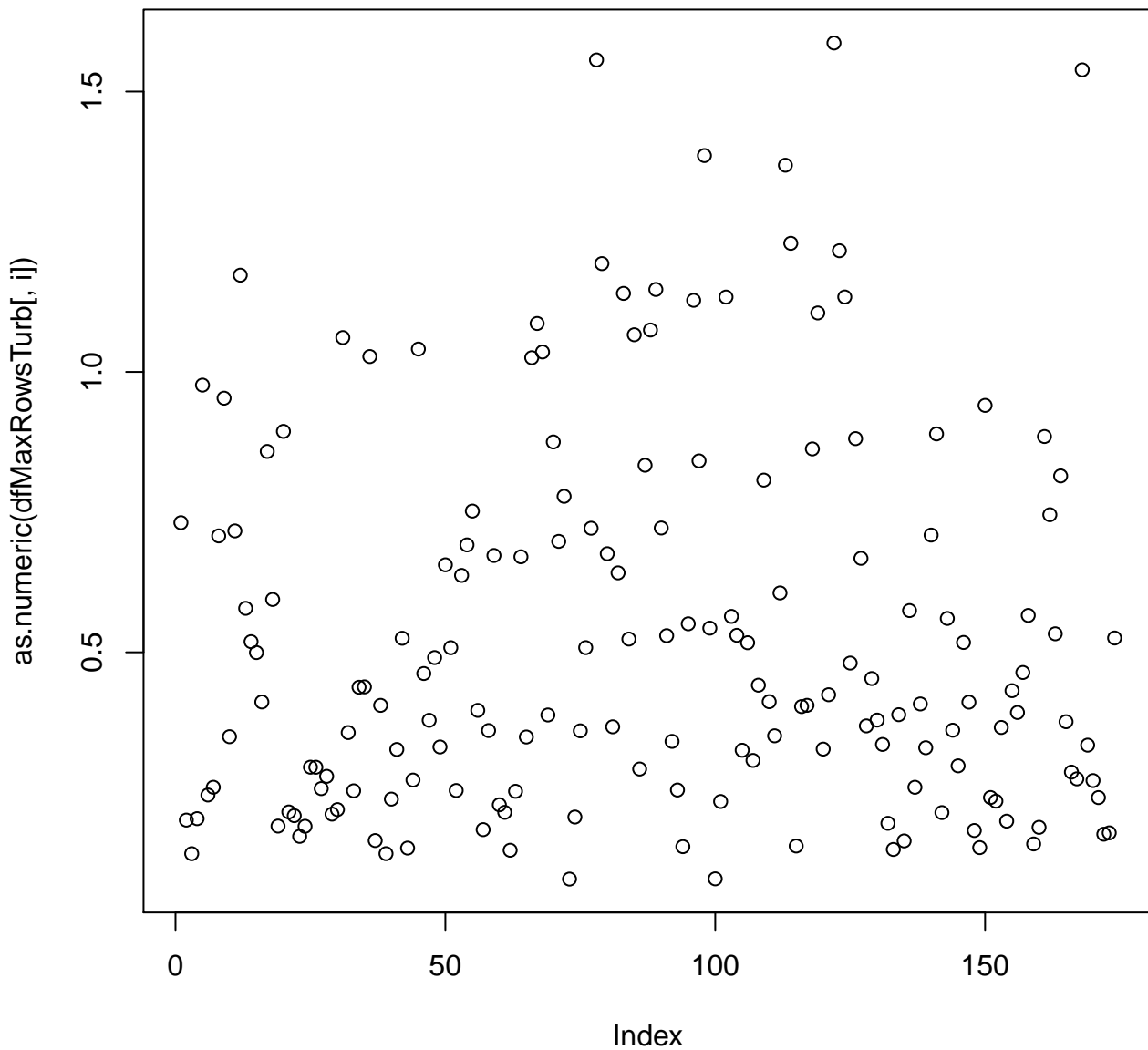
# AirTemperature\_Mean\_120



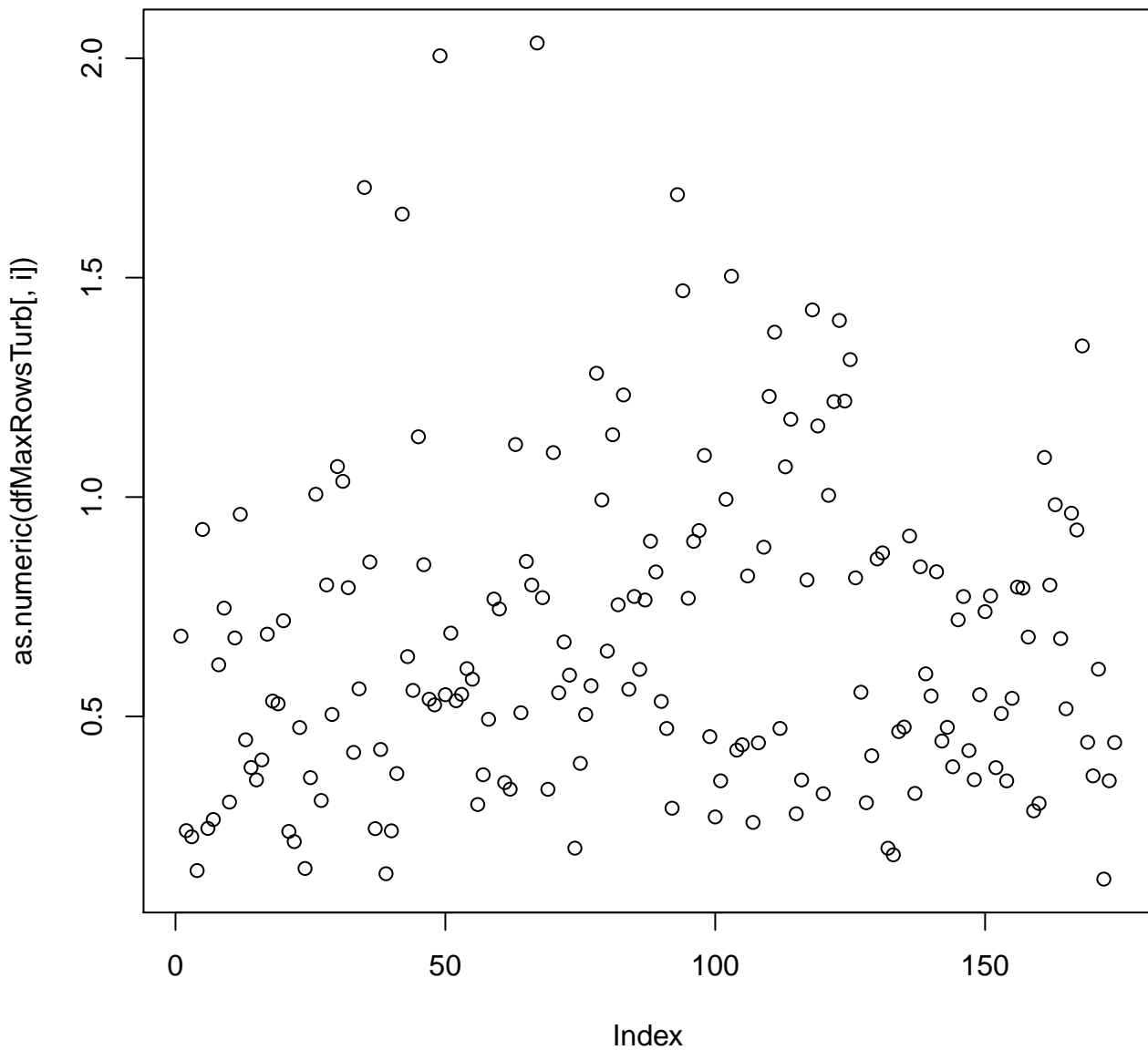
# AirTemperature\_StDev\_2



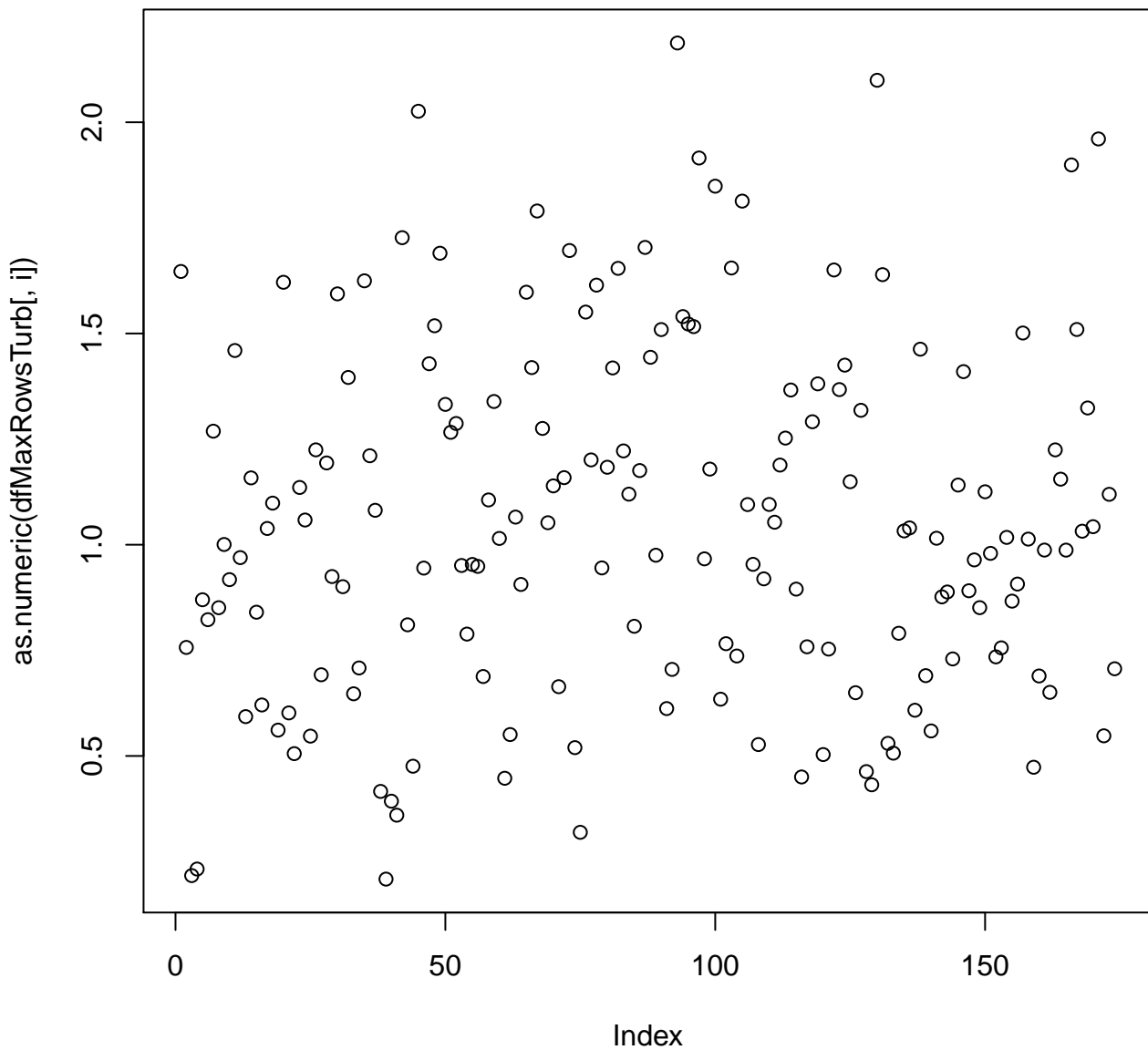
**AirTemperature\_StDev\_6**



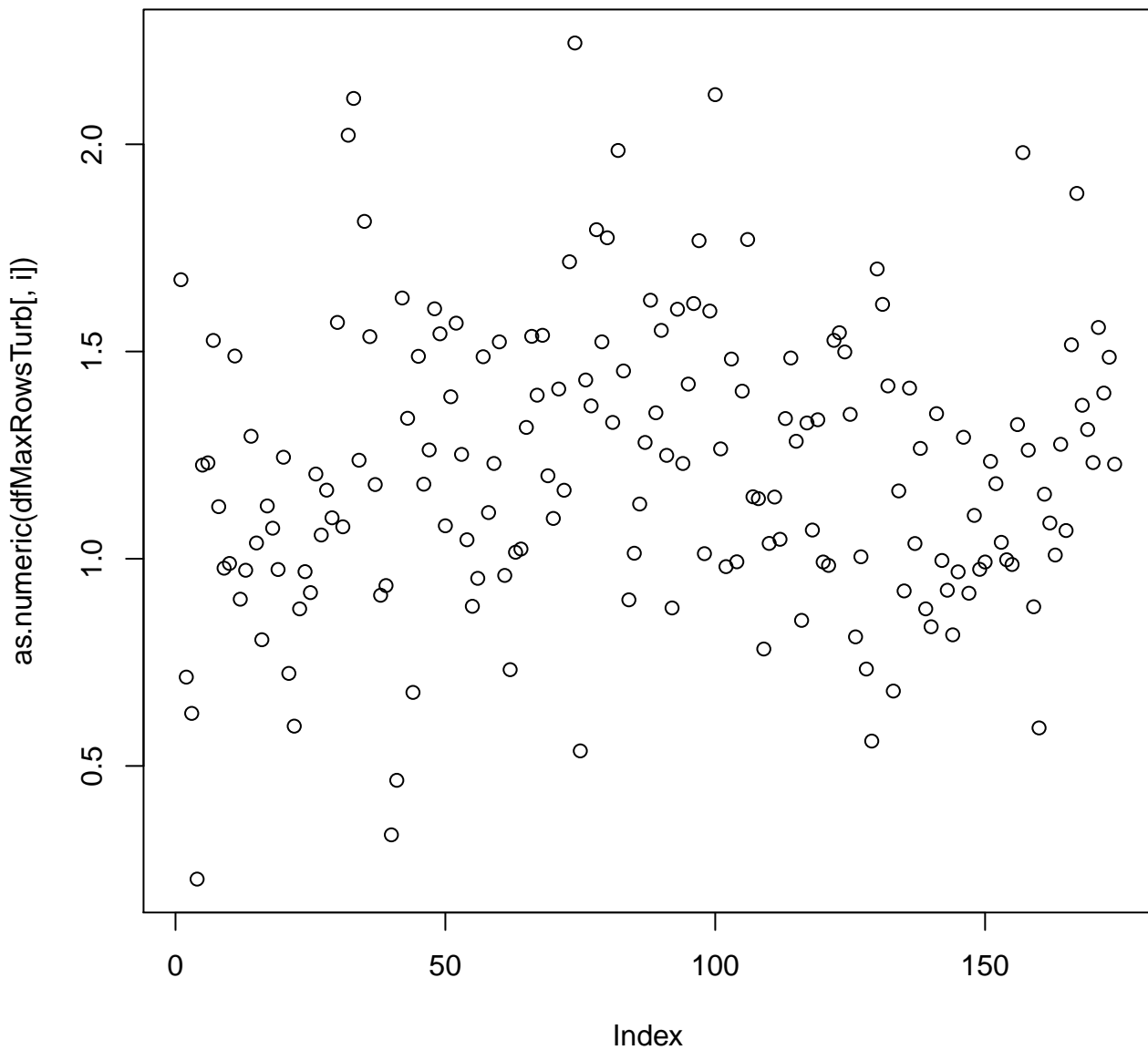
# AirTemperature\_StDev\_12



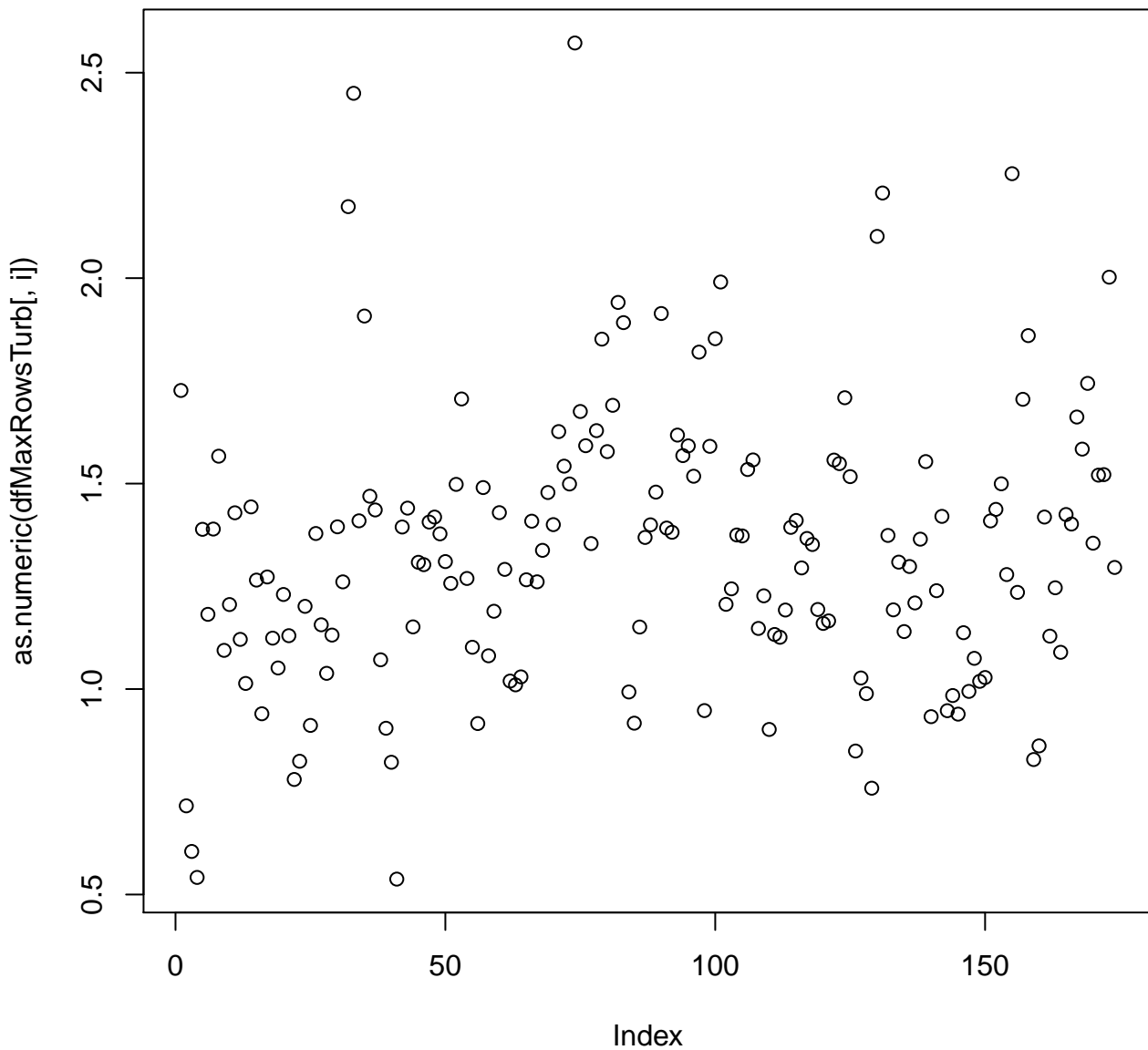
# AirTemperature\_StDev\_24



# AirTemperature\_StDev\_48

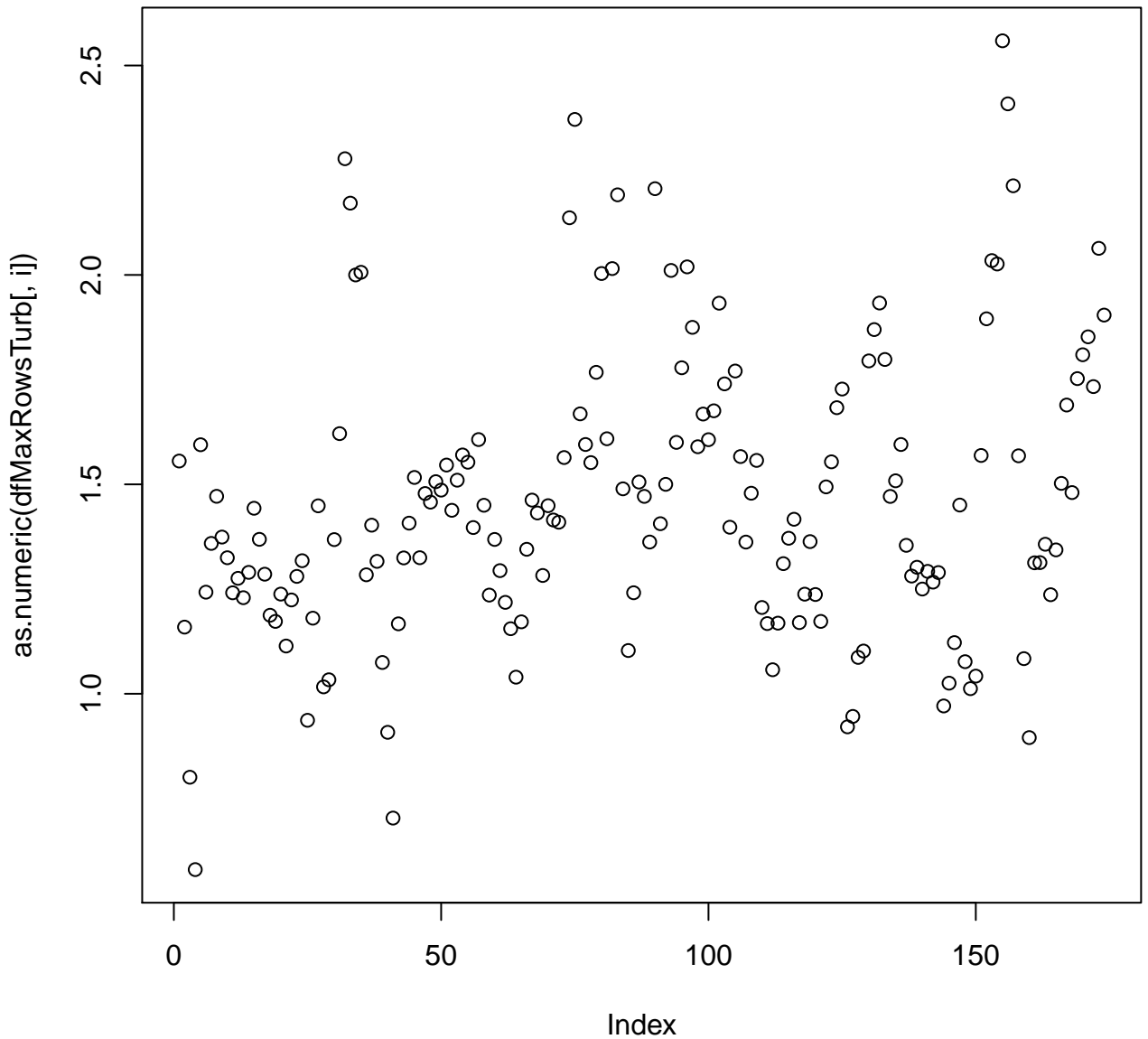


**AirTemperature\_StDev\_72**

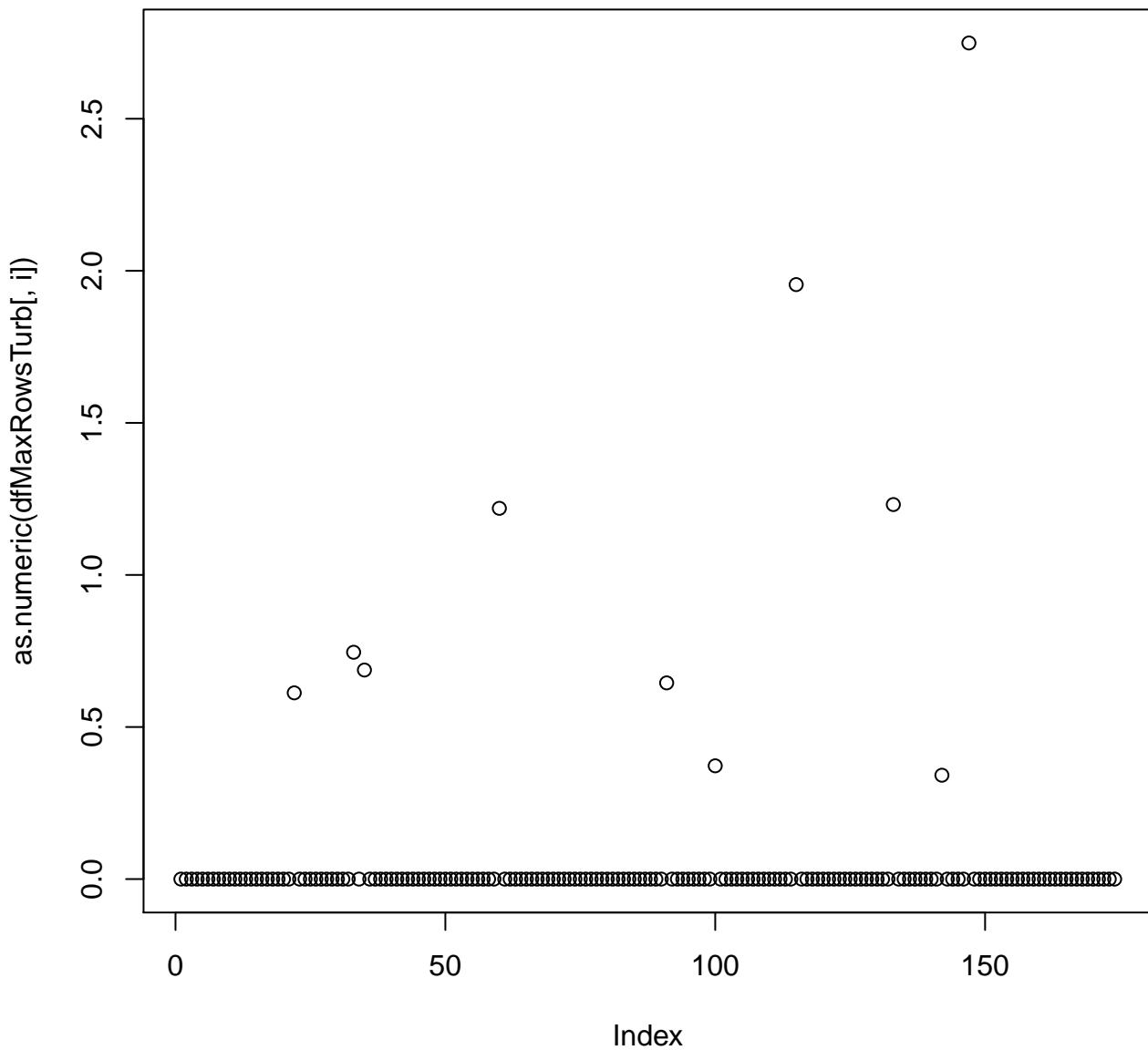




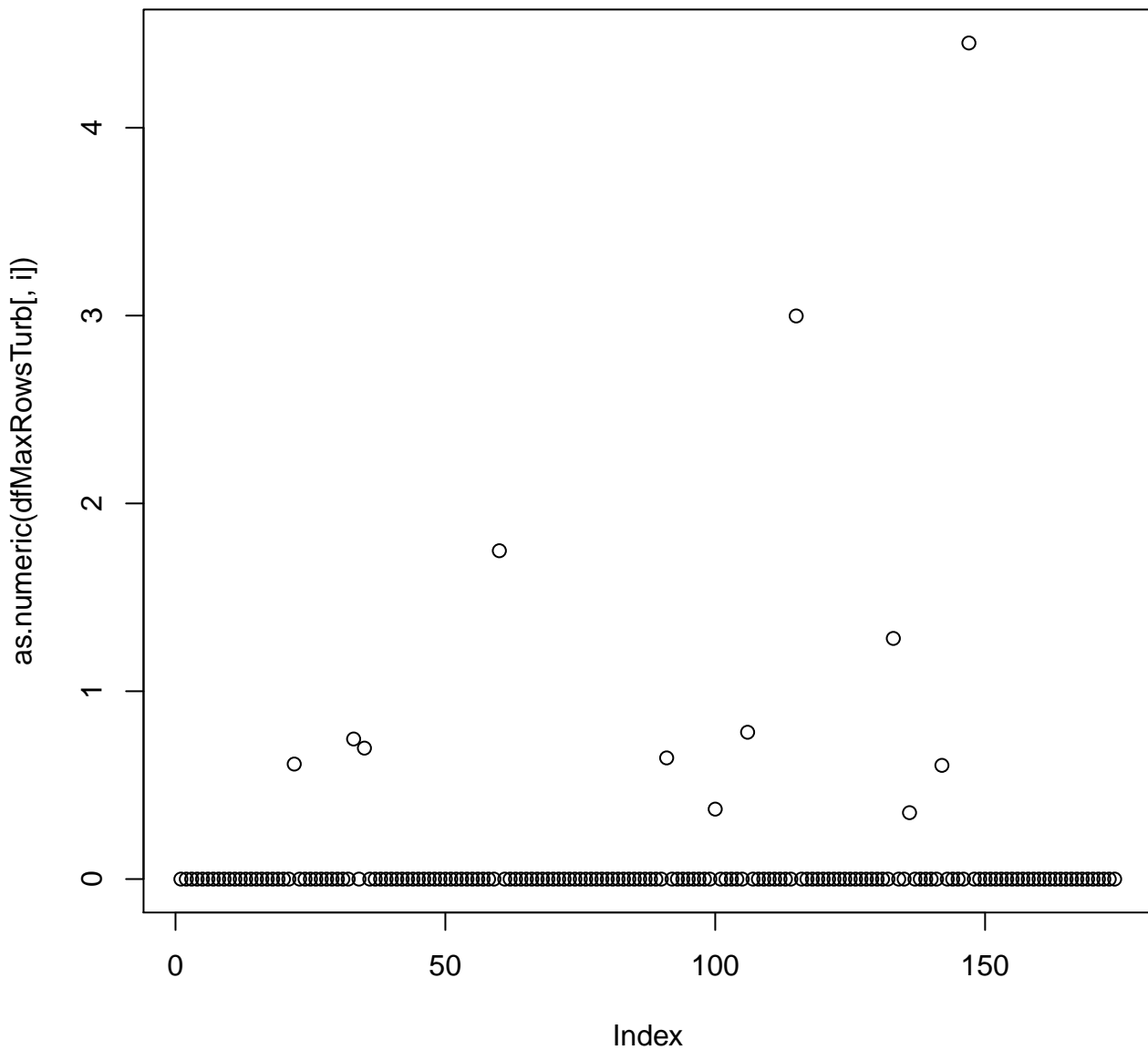
# AirTemperature\_StDev\_120



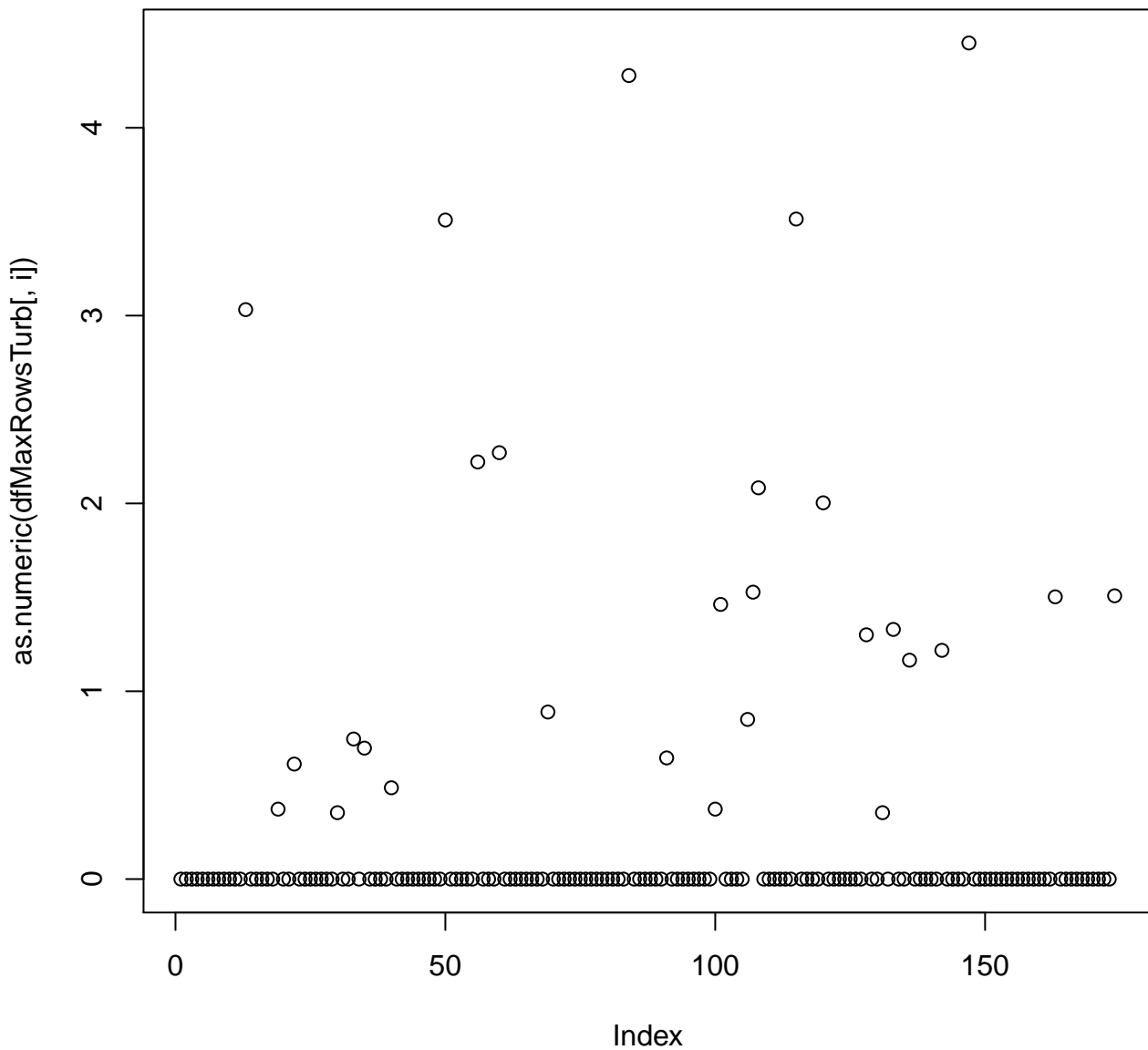
# Sqrt.Precipitationoverupload.RedarrowSum.1hr



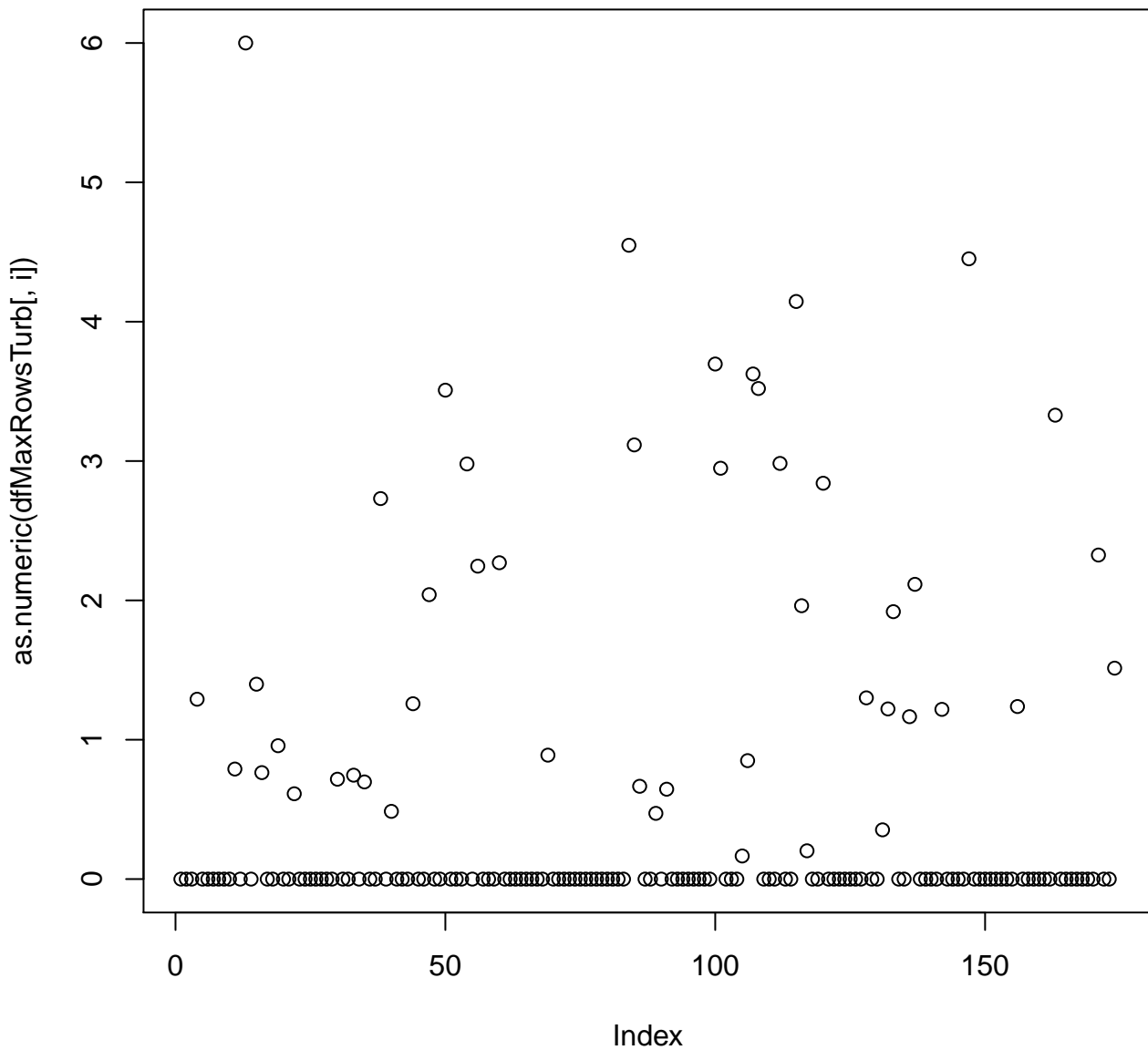
# Sqrt.Precipitationoverupload.RedarrowSum.2hr



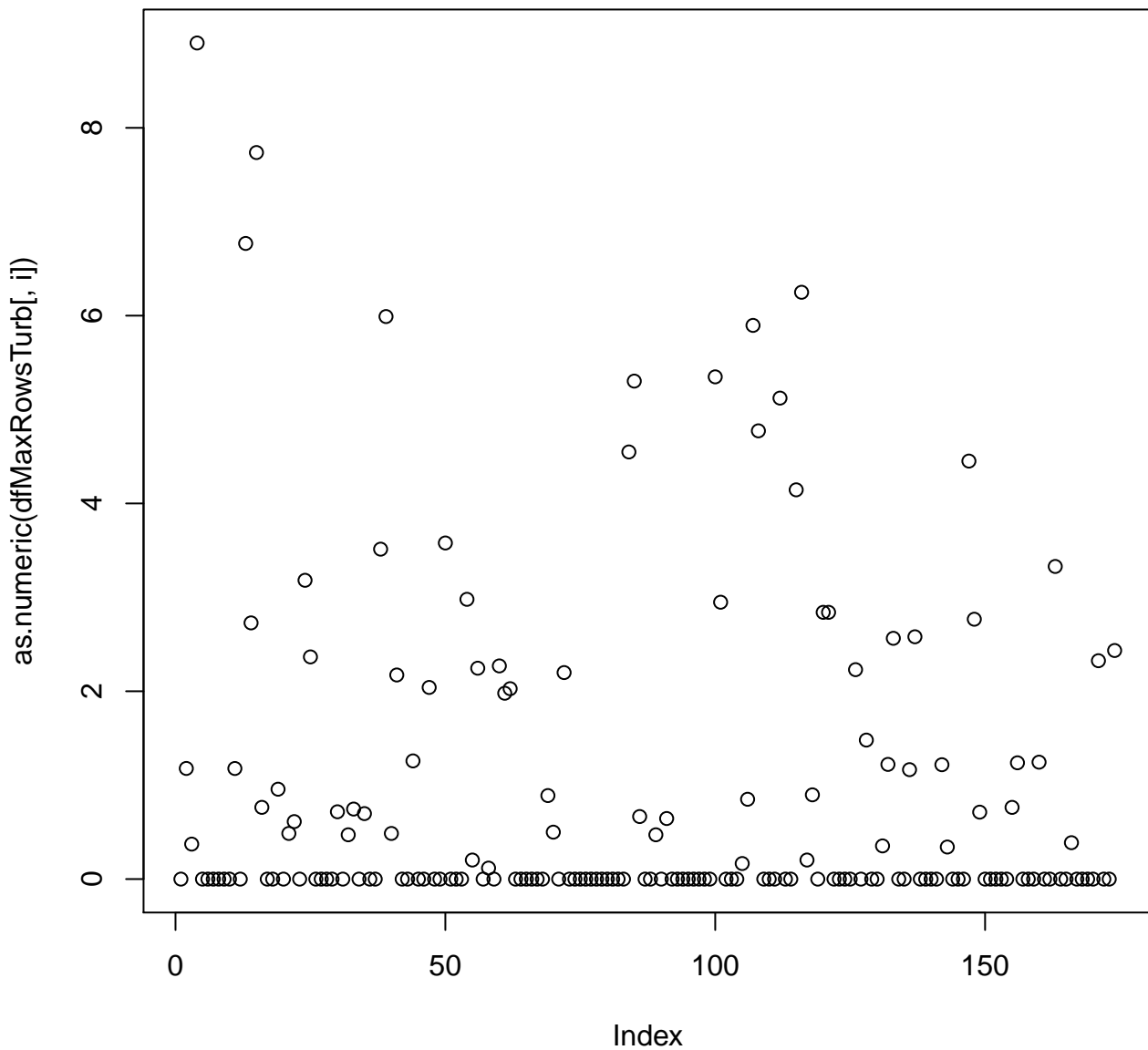
# Sqrt.Precipitationoverupload.RedarrowSum.6hr



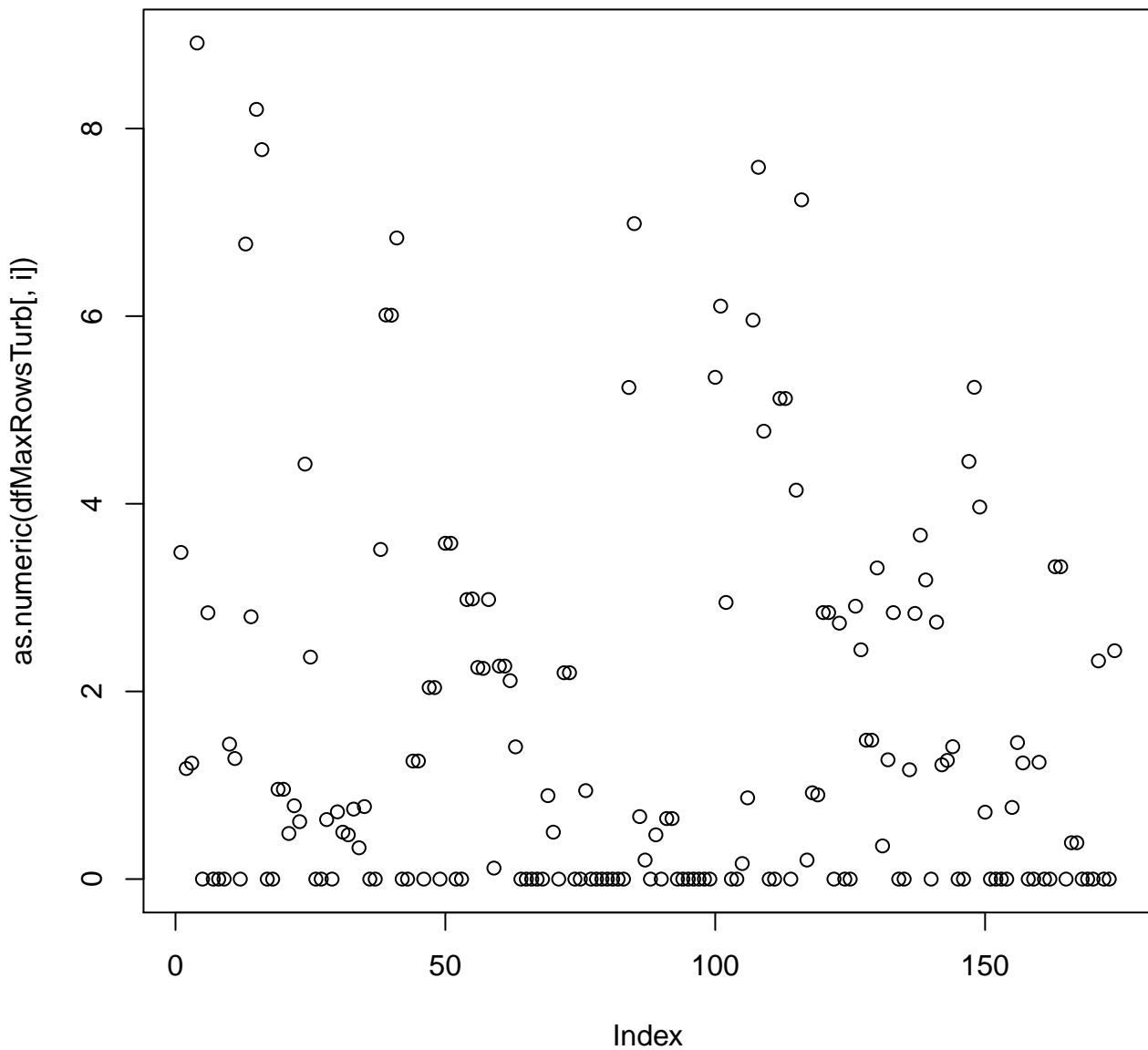
# Sqrt.Precipitationoverupload.RedarrowSum.12hr



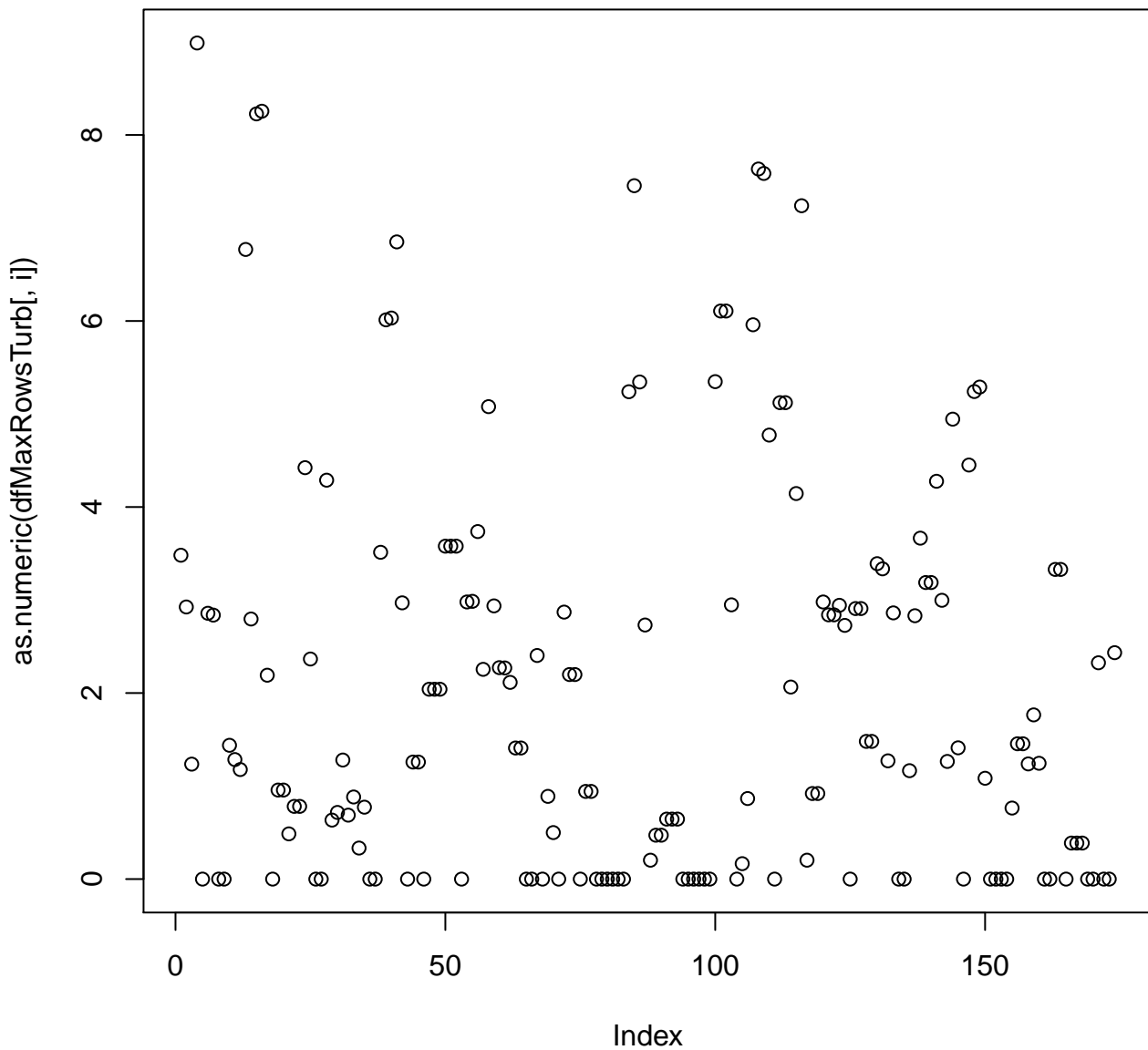
# Sqrt.Precipitationoverupload.RedarrowSum.24hr



# Sqrt.Precipitationoverupload.RedarrowSum.48hr

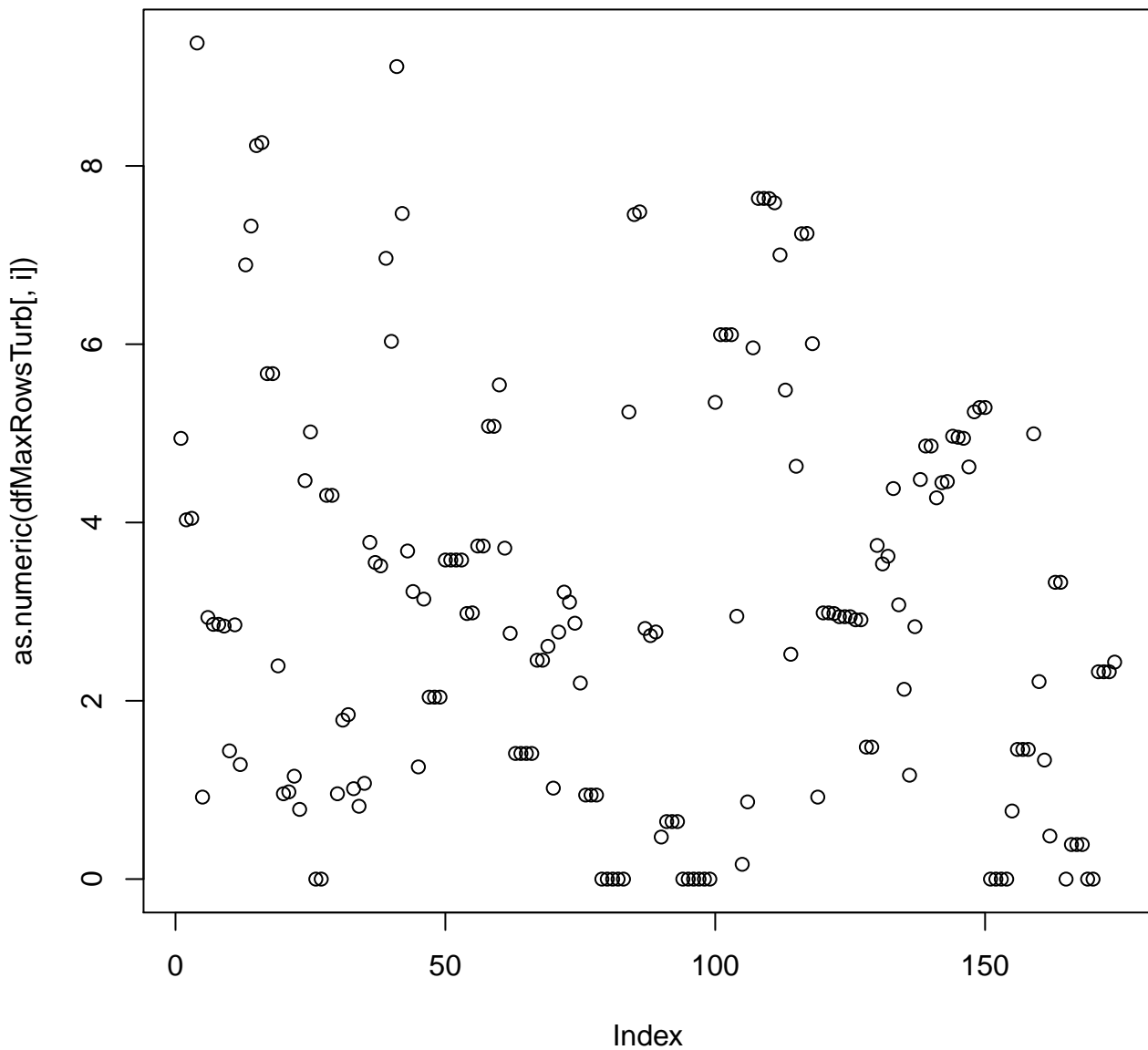


# Sqrt.Precipitationoverupload.RedarrowSum.72hr

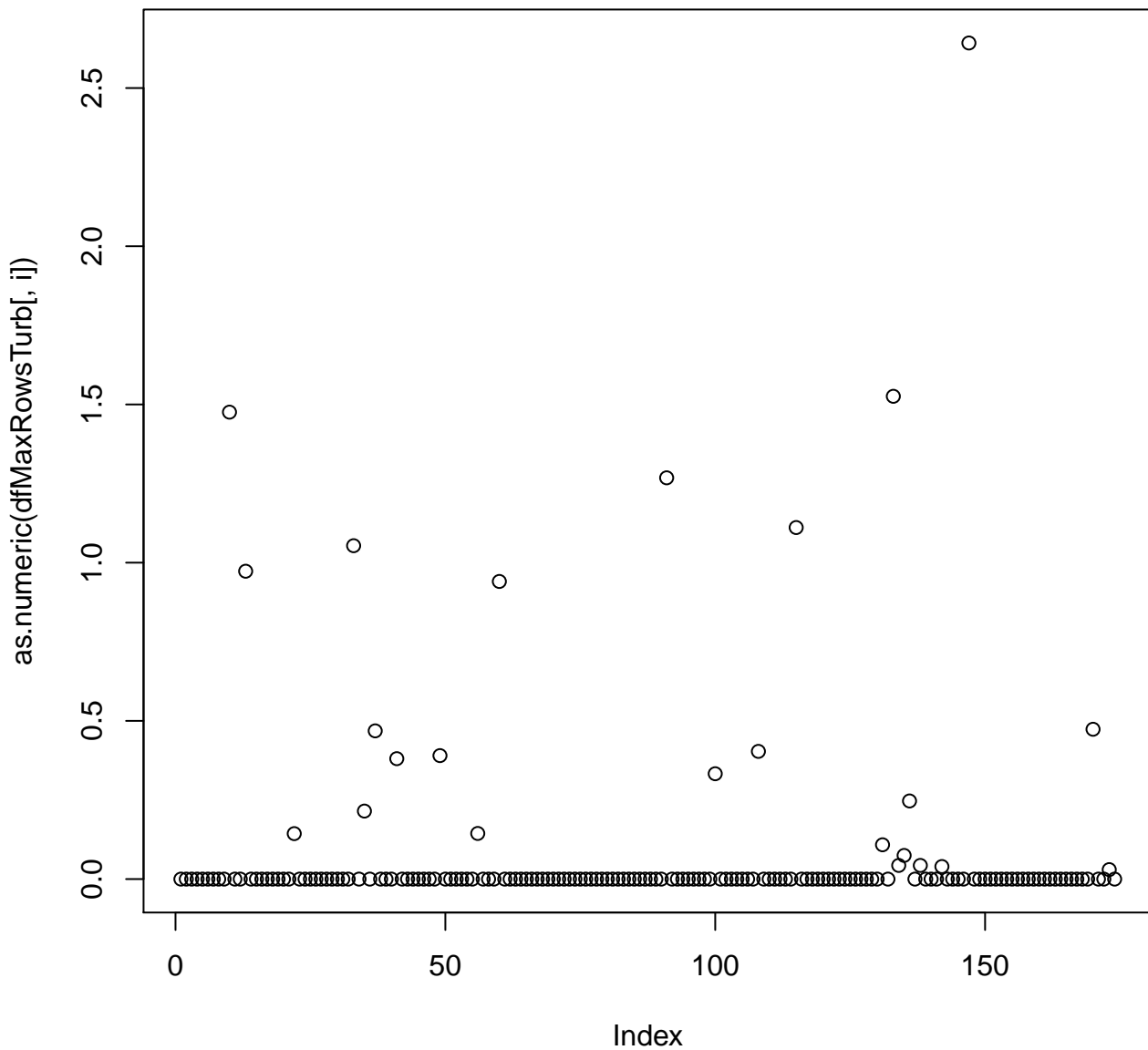




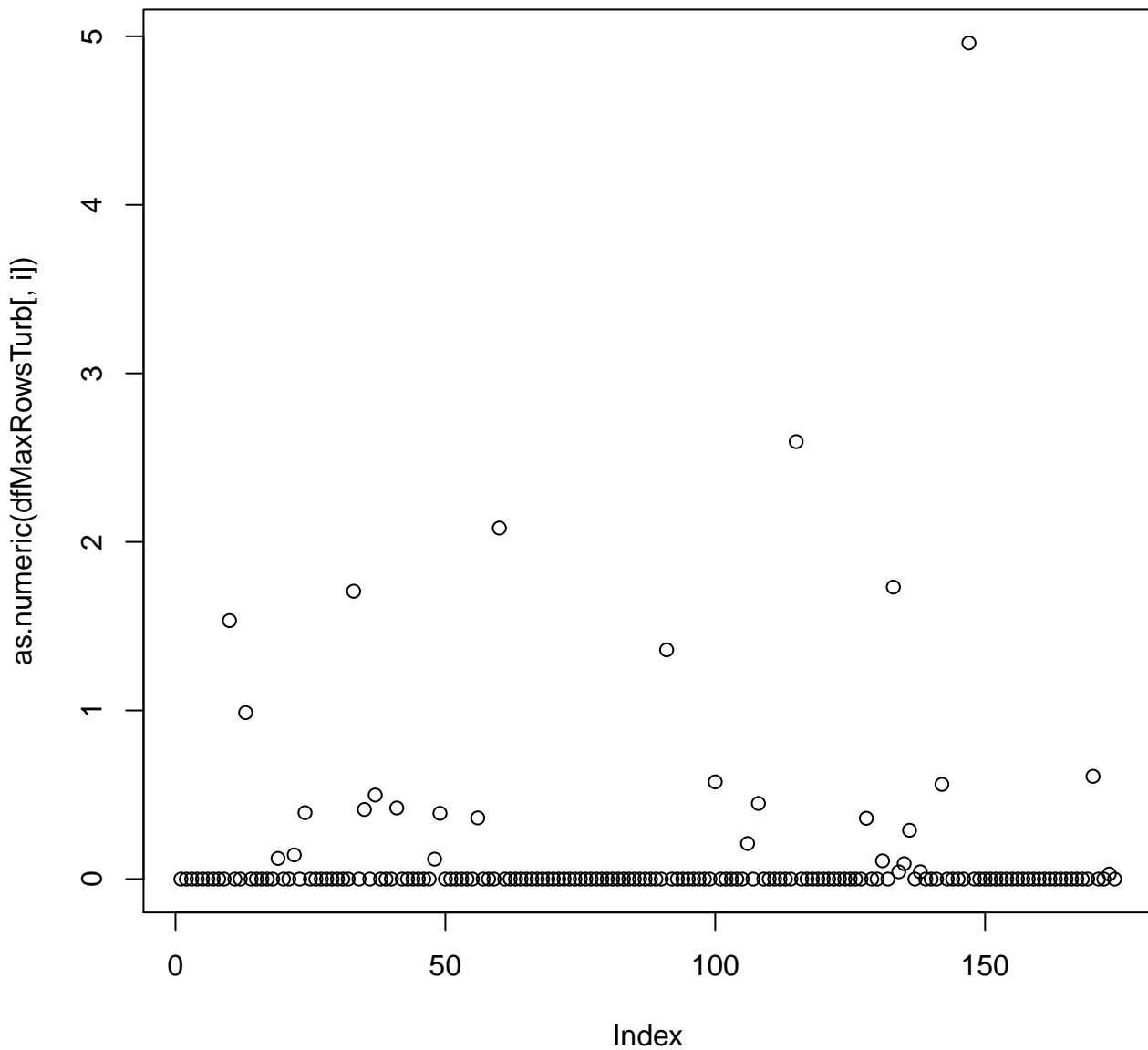
# Sqrt.Precipitationoverupload.RedarrowSum.120hr



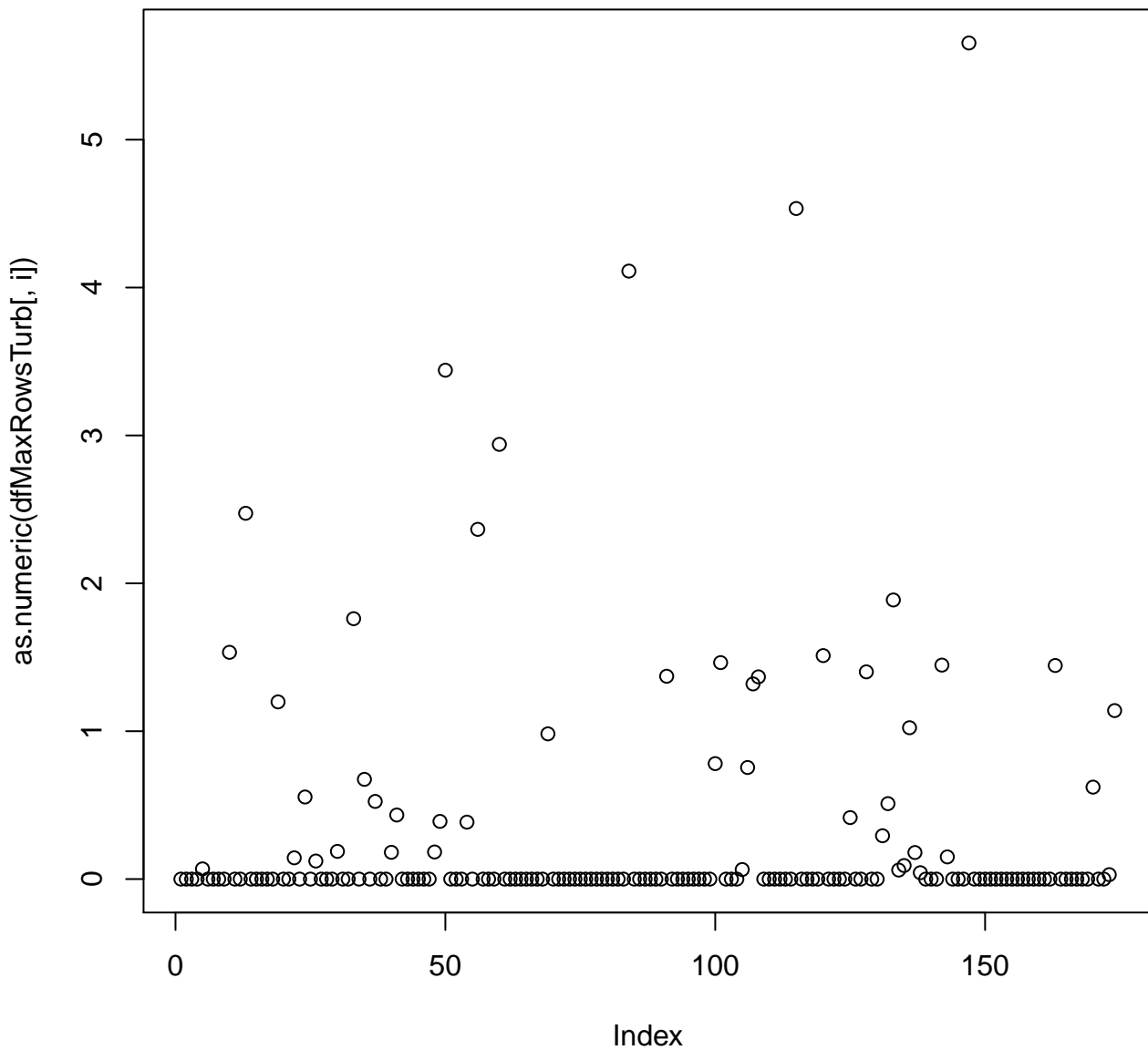
# Sqrt.Precipitationoverupload.ManitowocRSum.1hr



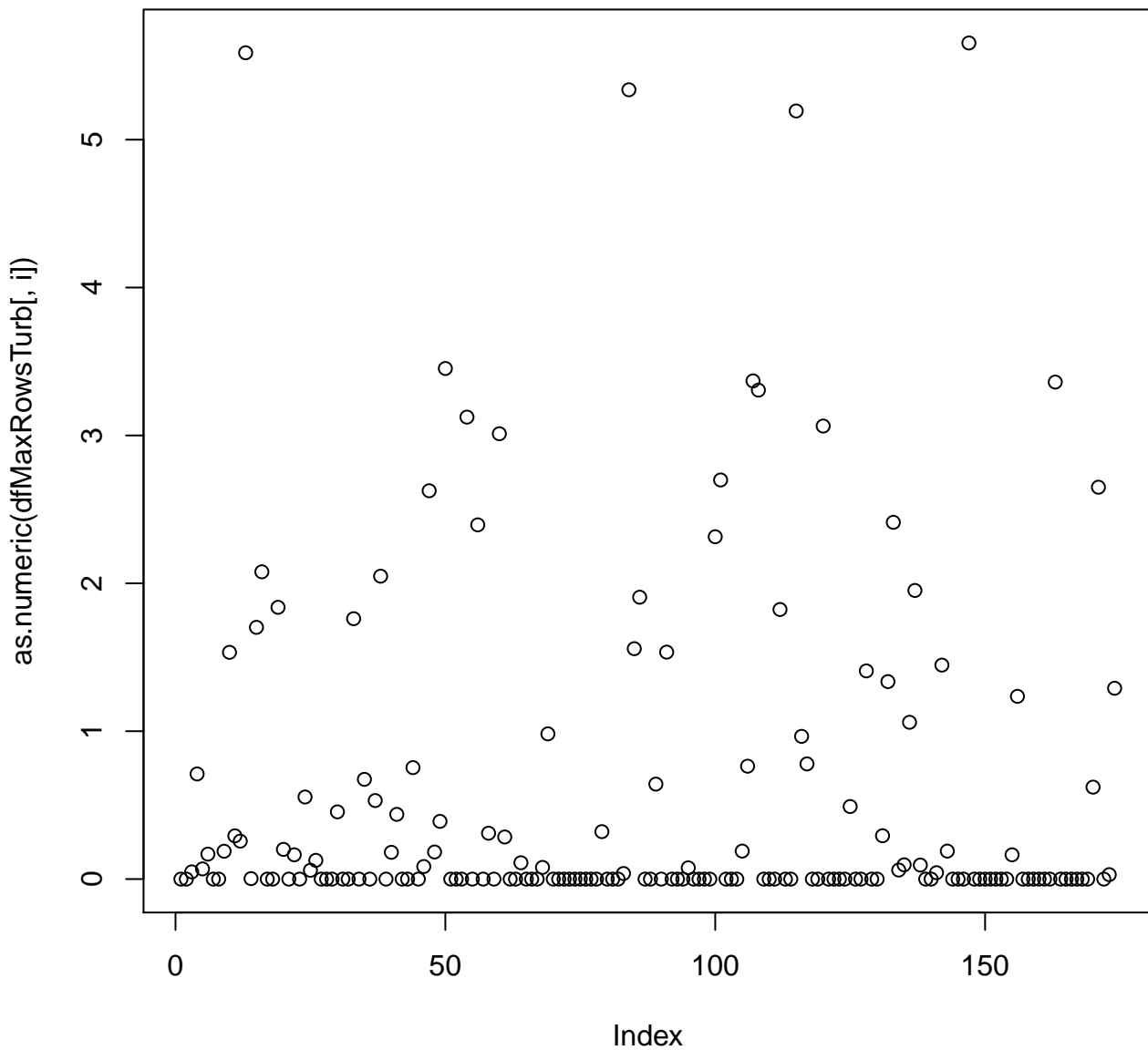
# Sqrt.Precipitationoverupload.ManitowocRSum.2hr



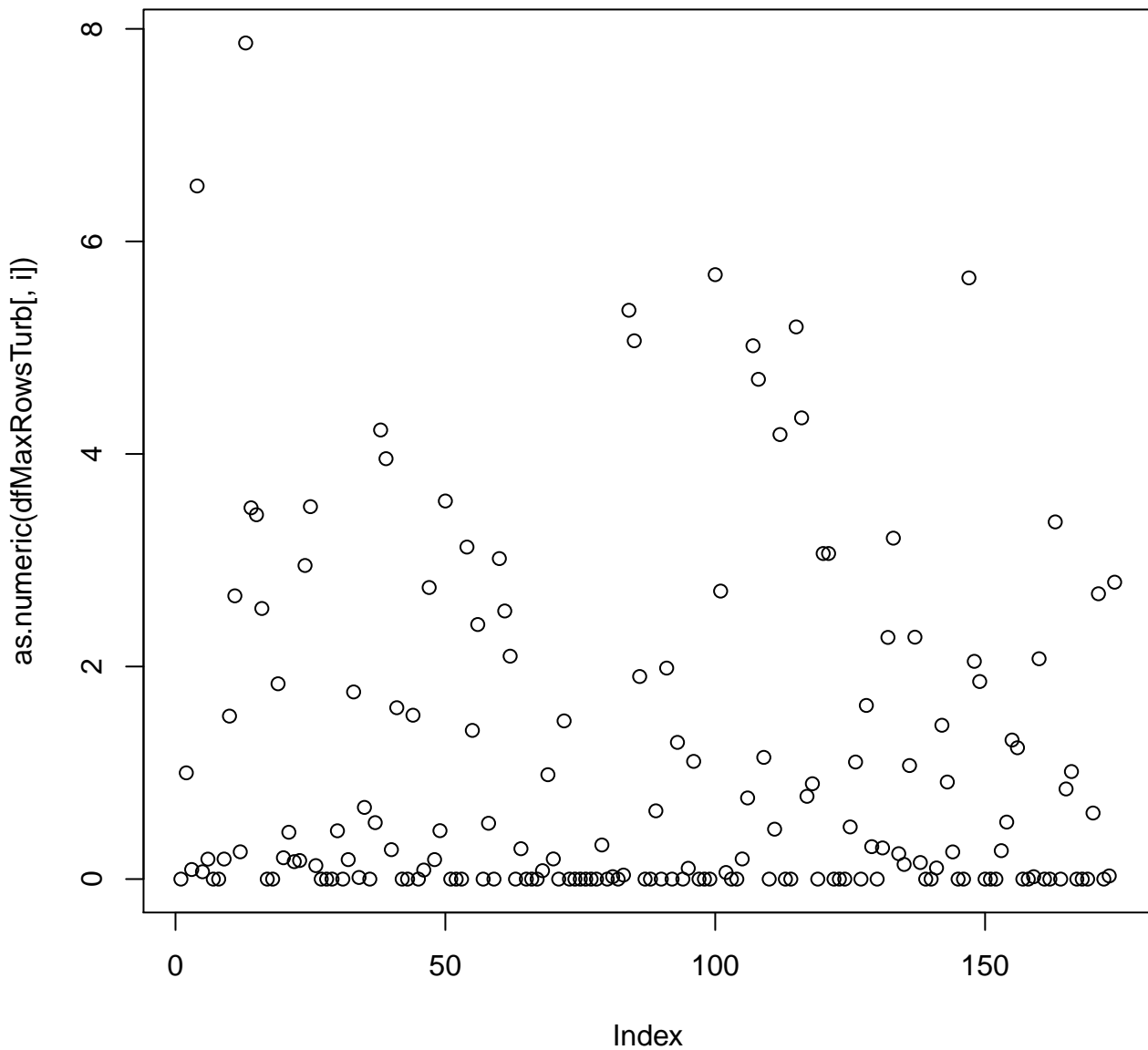
# Sqrt.Precipitationoverupload.ManitowocRSum.6hr



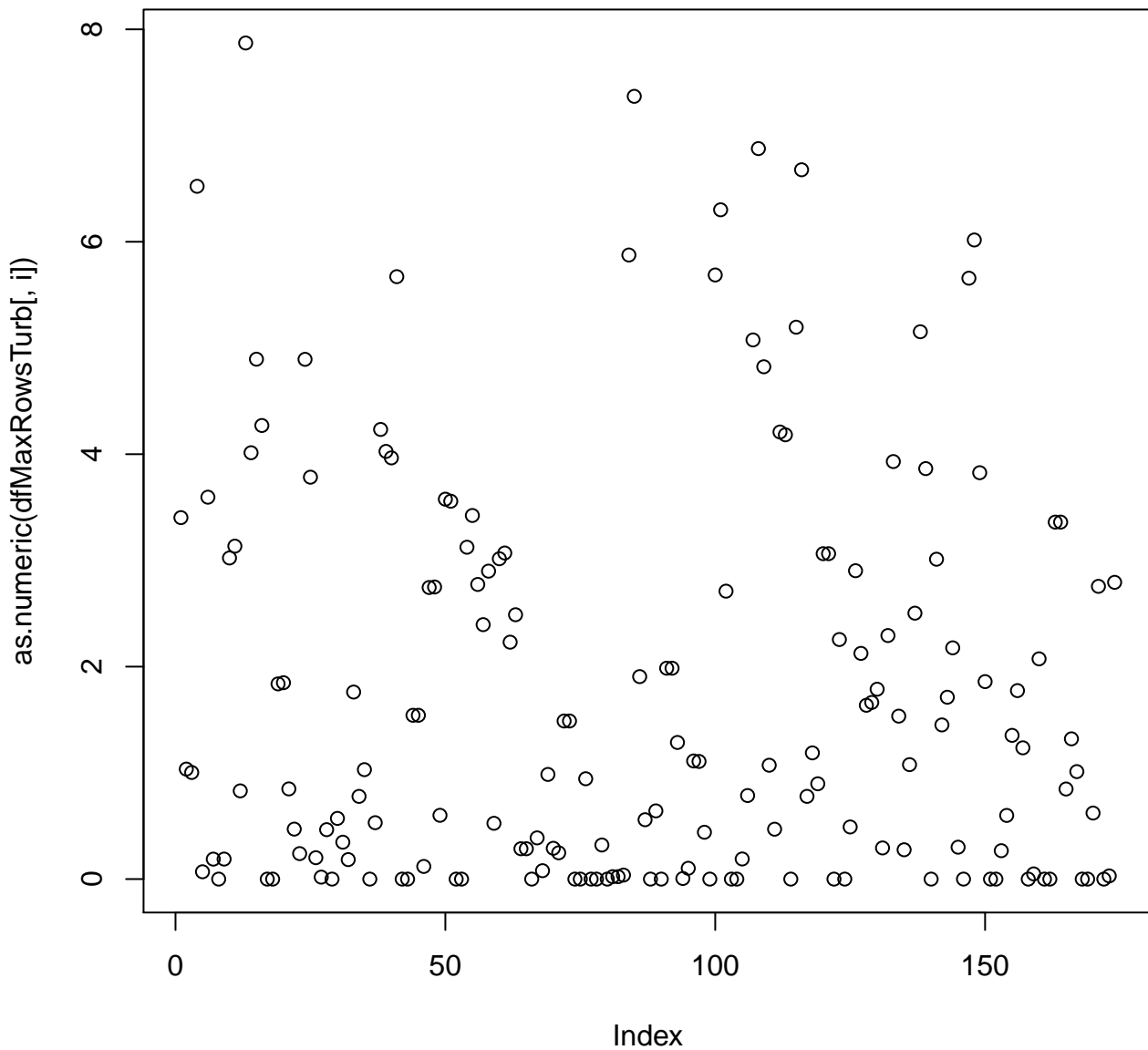
# Sqrt.Precipitationoverupload.ManitowocRSum.12hr



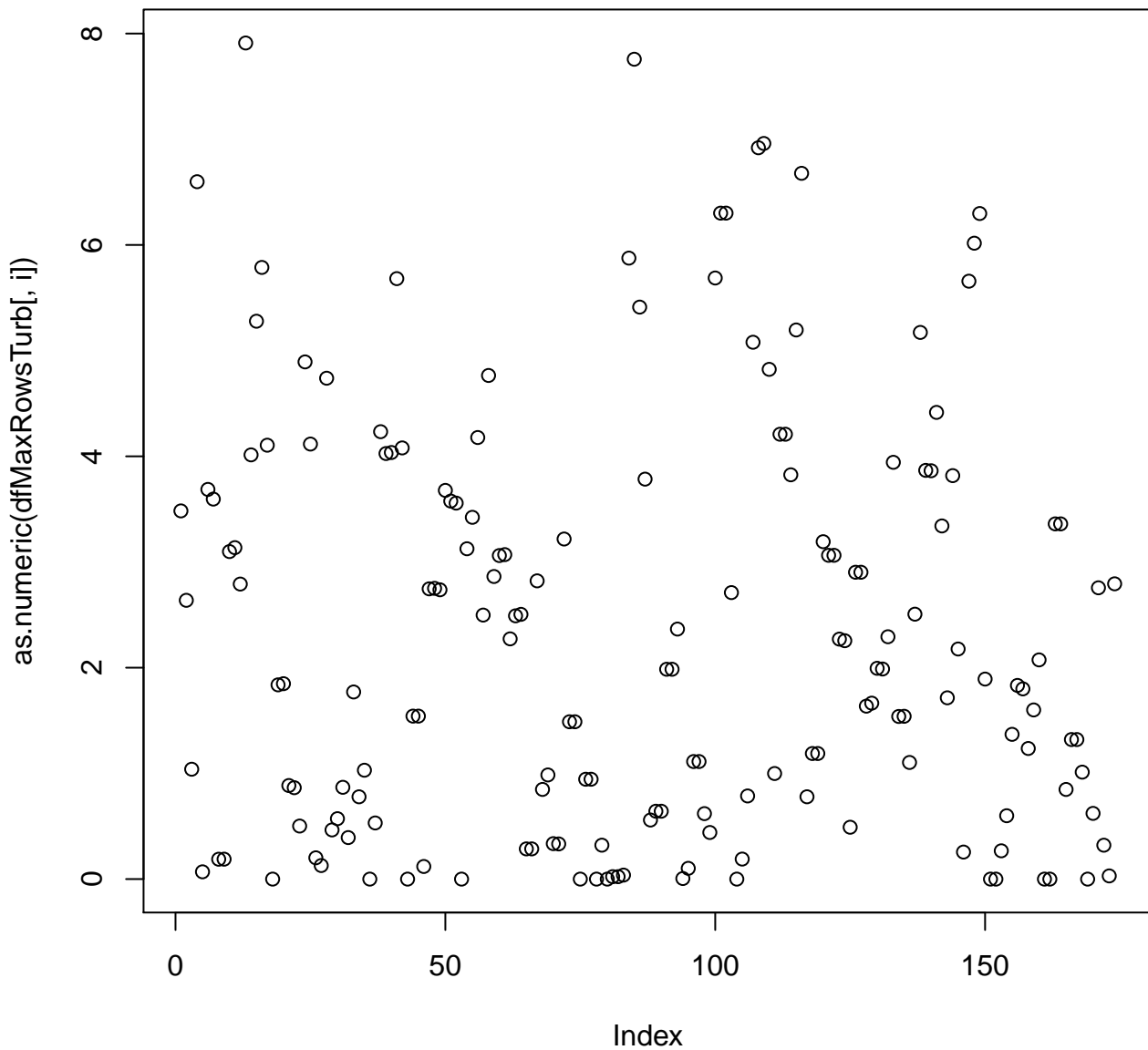
# Sqrt.Precipitationoverupload.ManitowocRSum.24hr



# Sqrt.Precipitationoverupload.ManitowocRSum.48hr

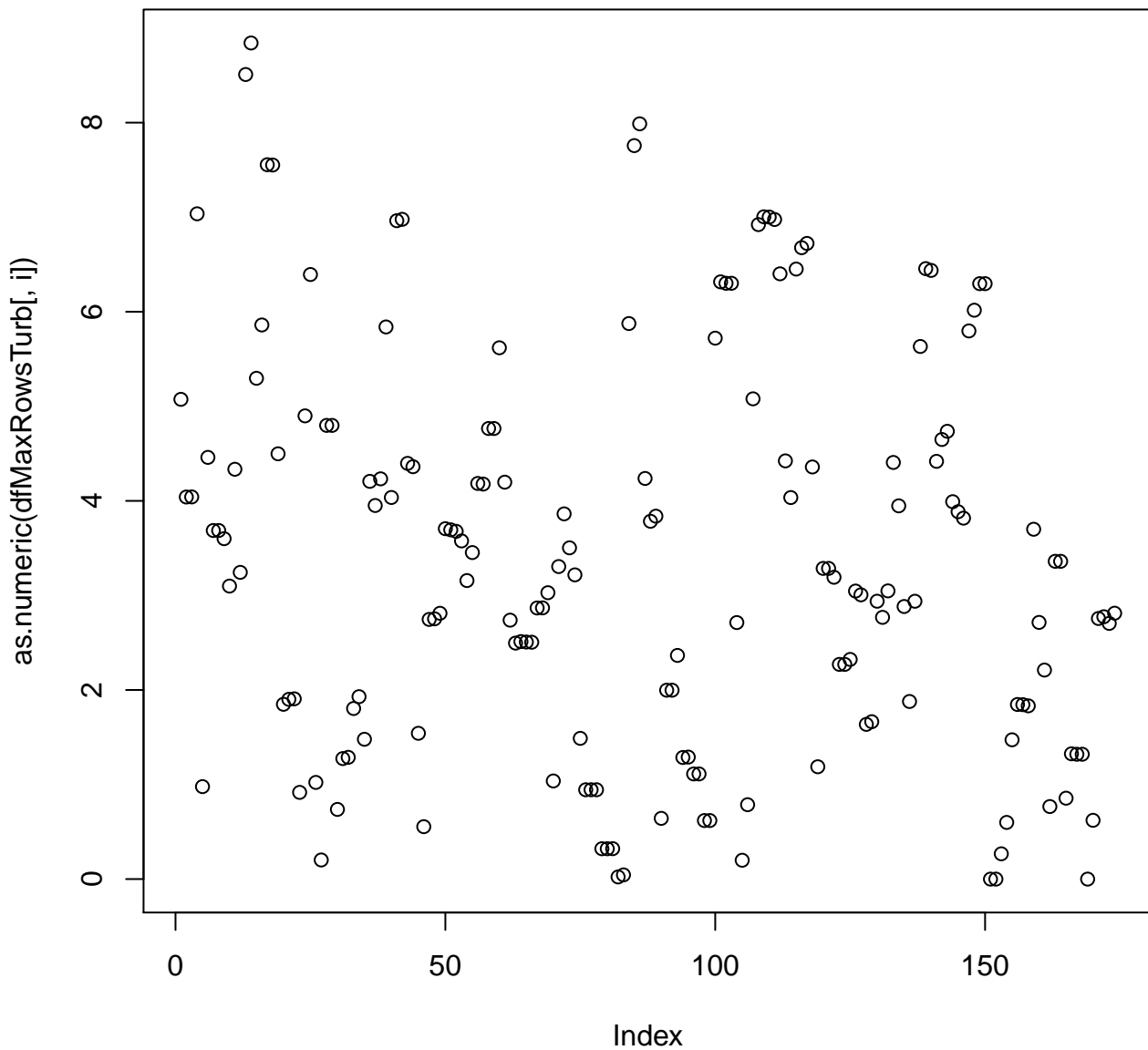


# Sqrt.Precipitationoverupload.ManitowocRSum.72hr

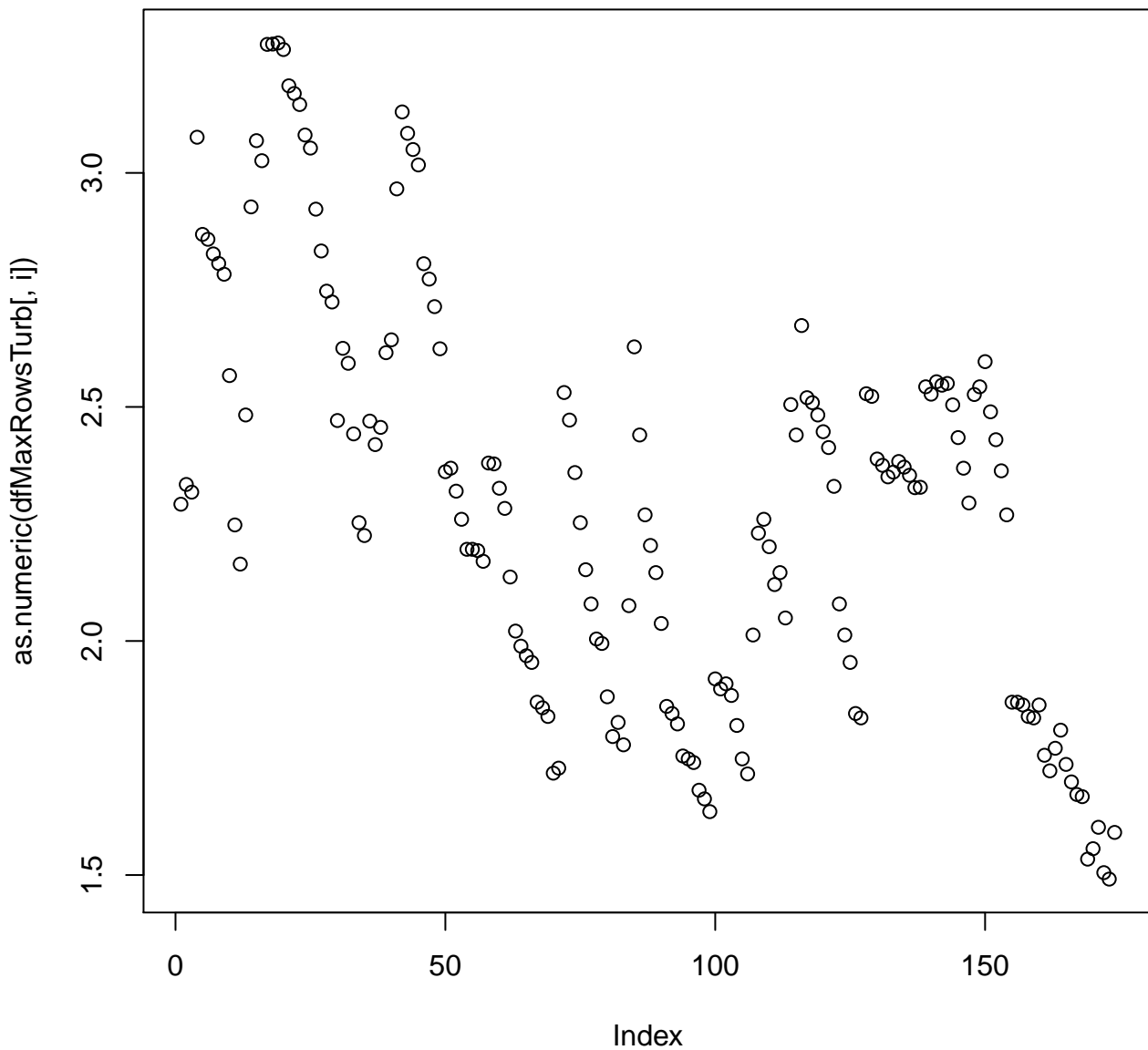




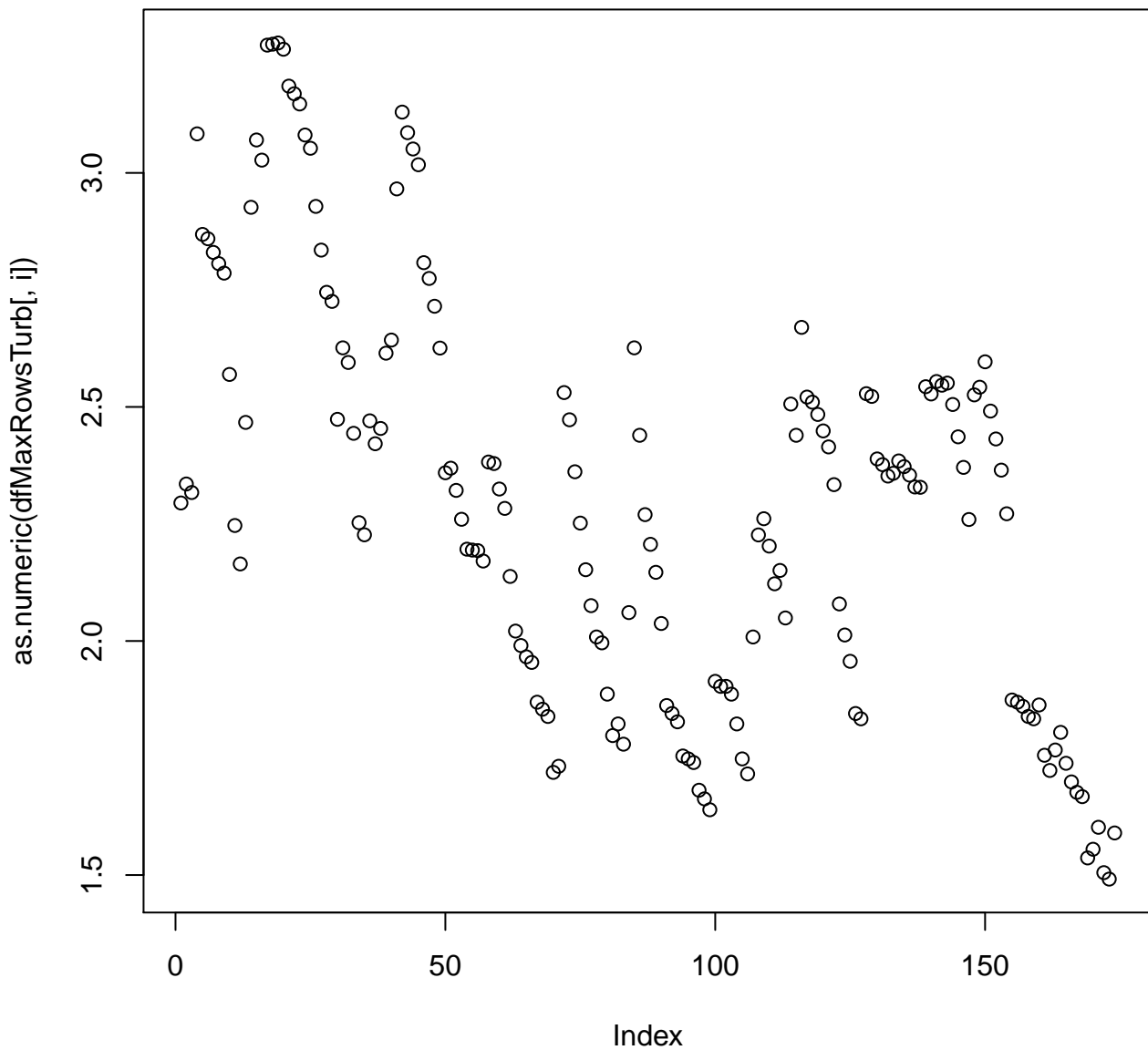
# Sqrt.Precipitationoverupload.ManitowocRSum.120hr



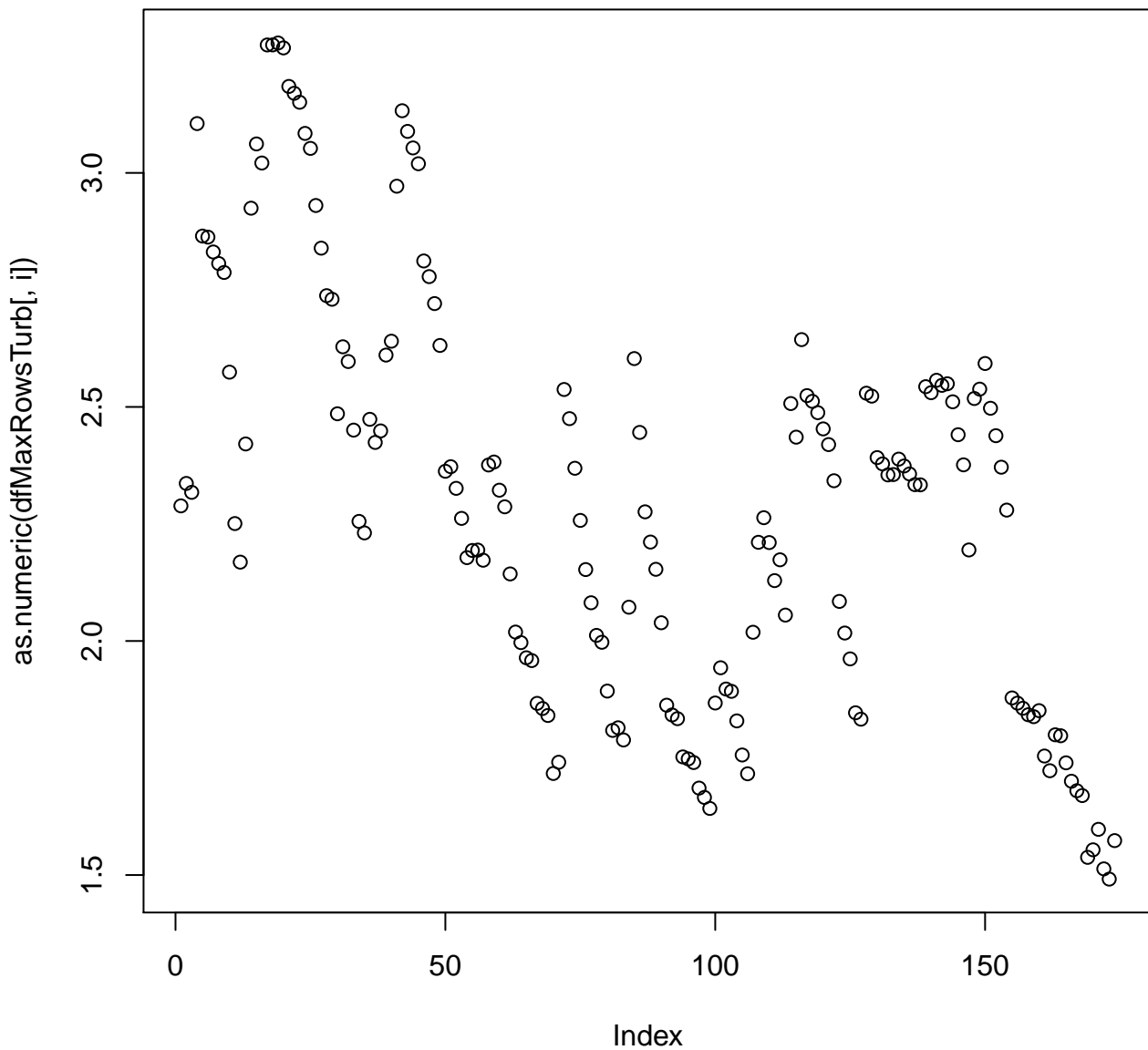
# log.Manitowoc\_Discharge\_Mean\_1



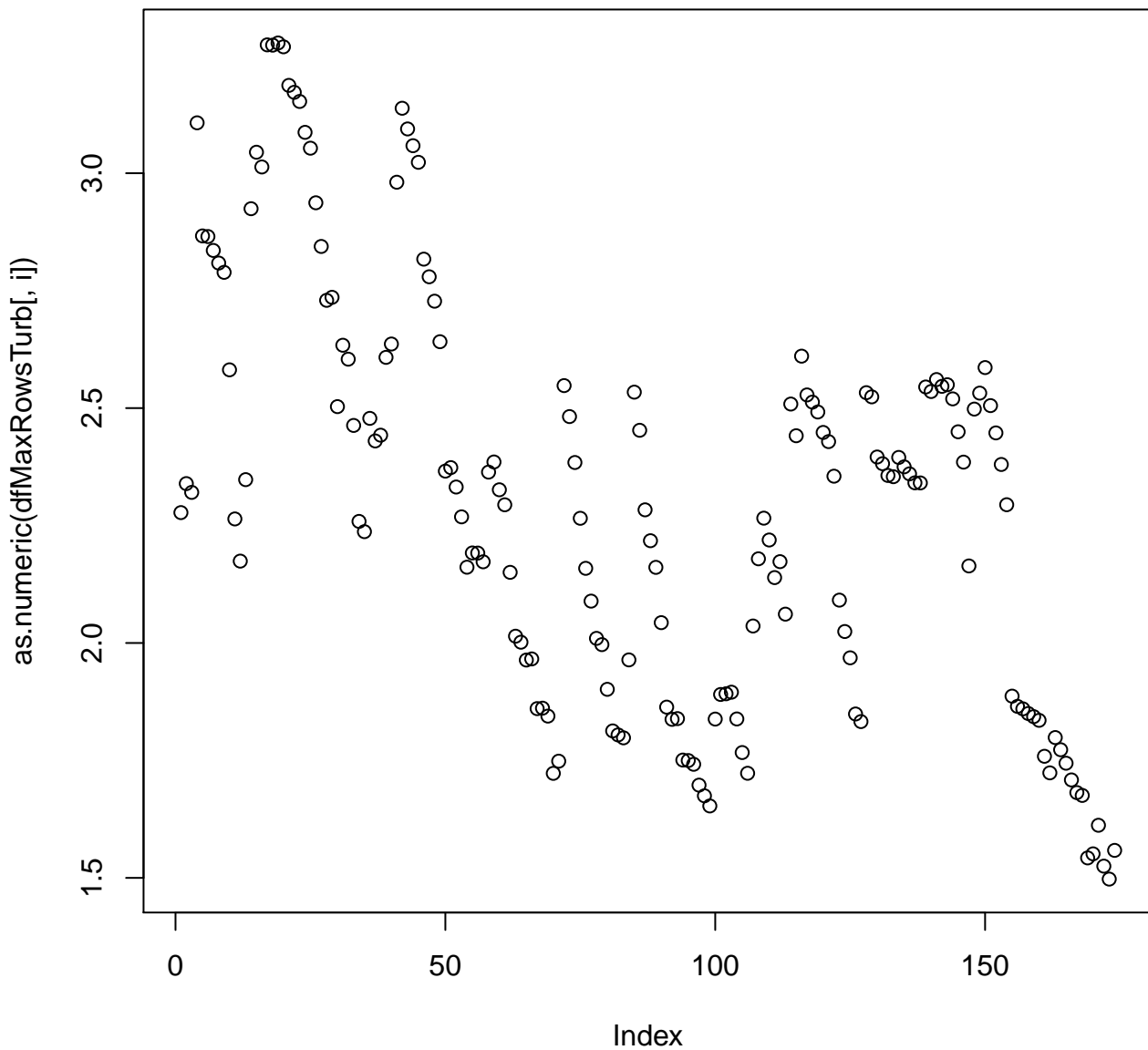
# log.Manitowoc\_Discharge\_Mean\_2



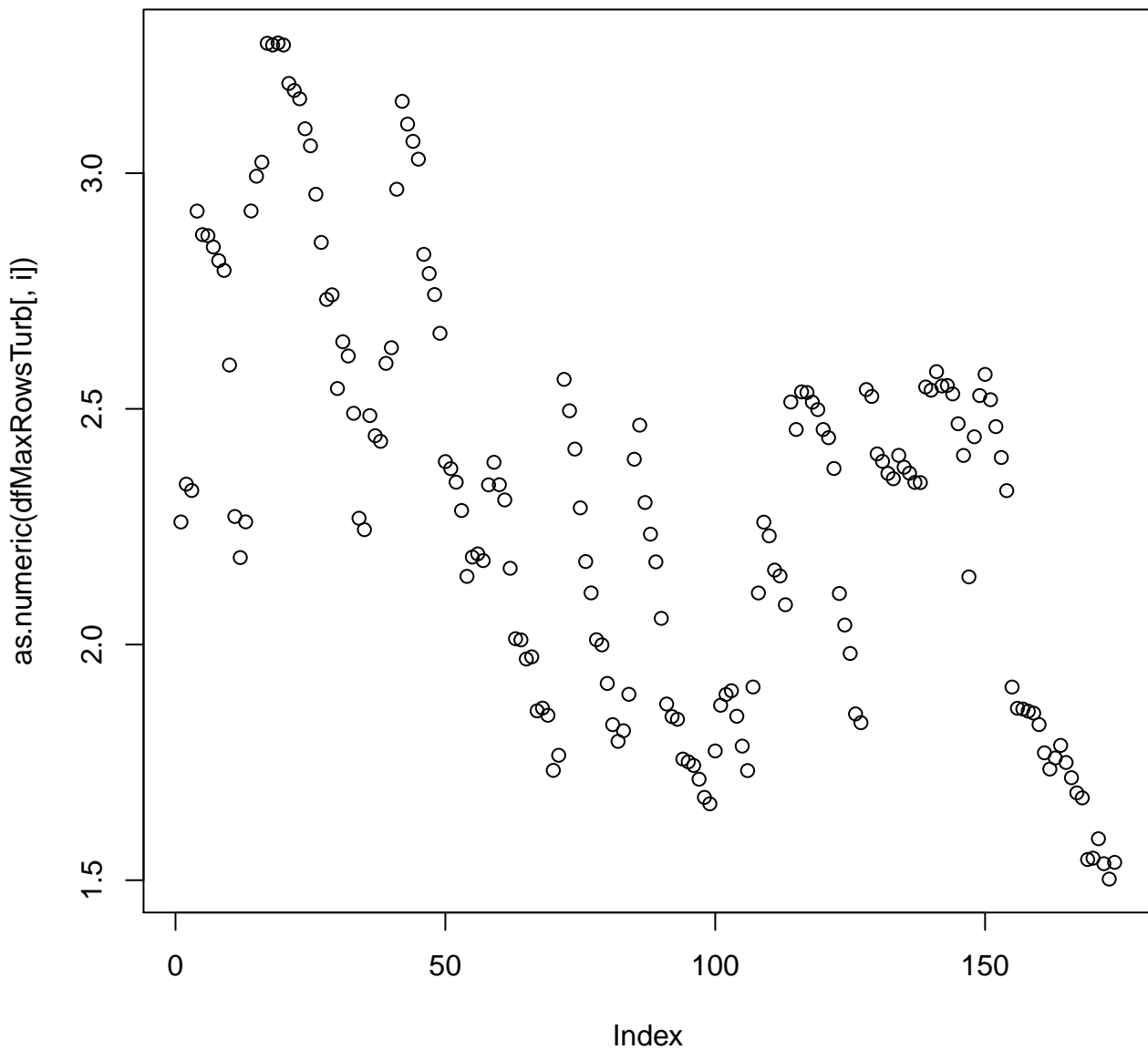
# log.Manitowoc\_Discharge\_Mean\_6



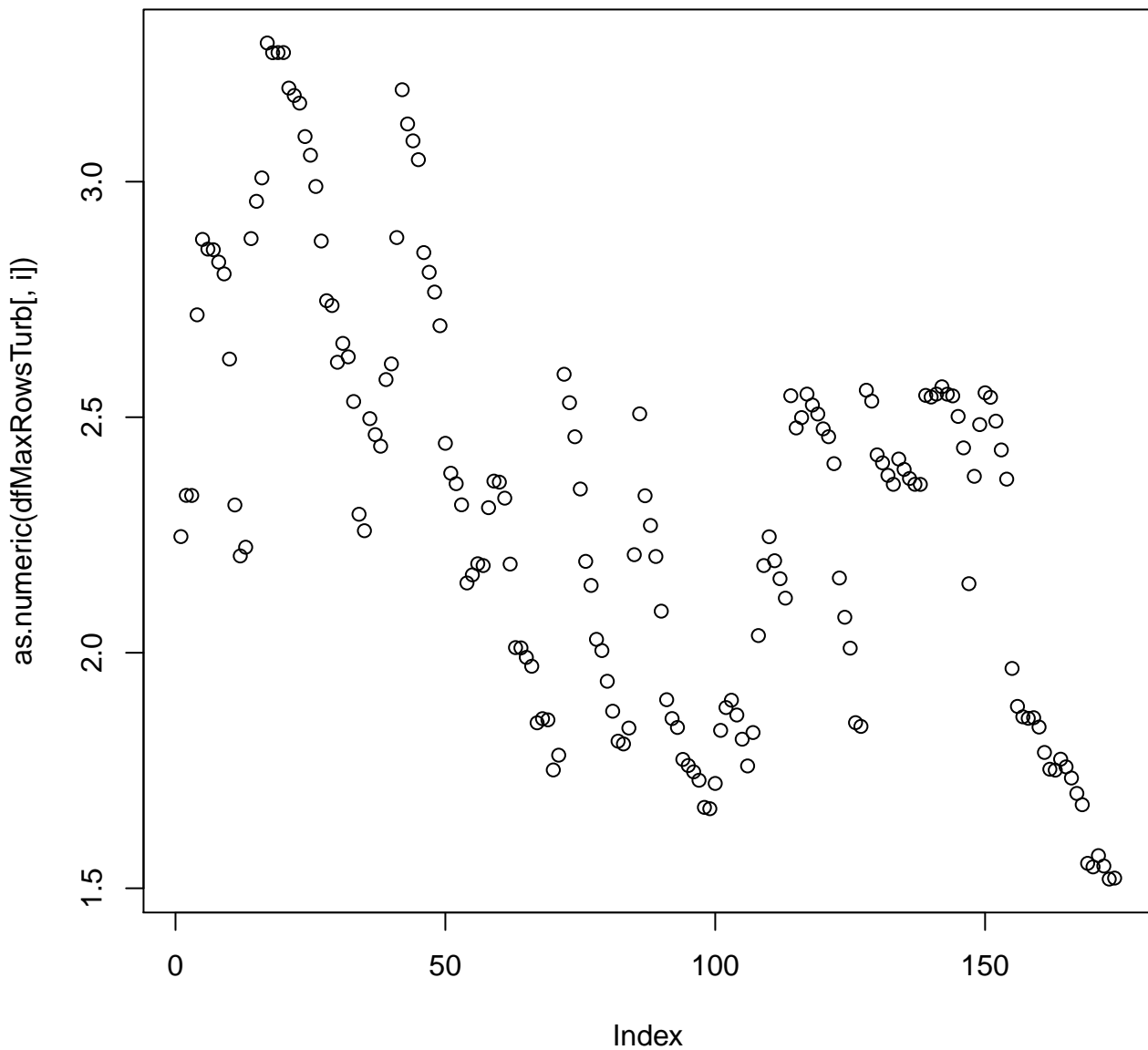
**log.Manitowoc\_Discharge\_Mean\_12**



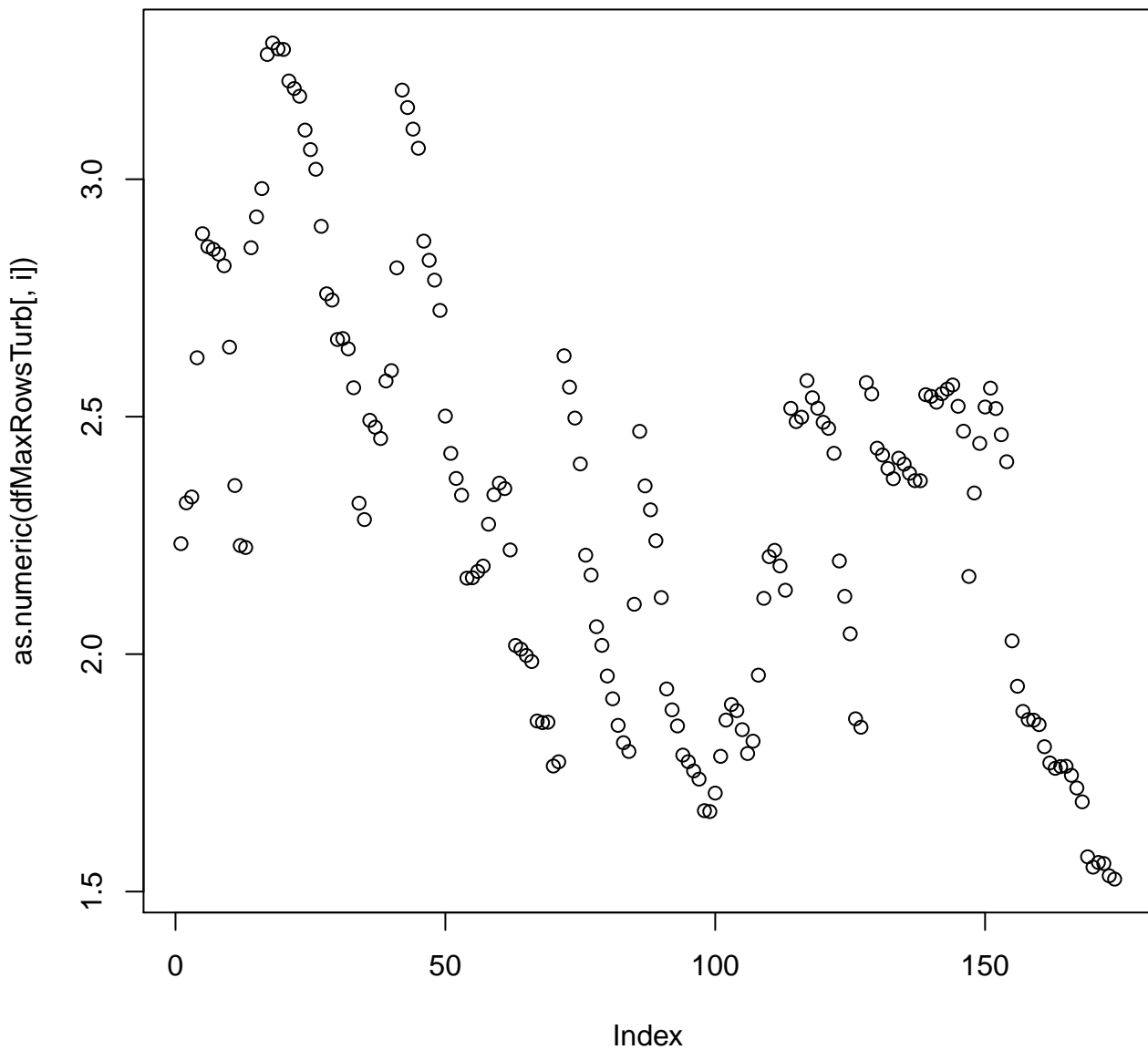
**log.Manitowoc\_Discharge\_Mean\_24**



**log.Manitowoc\_Discharge\_Mean\_48**

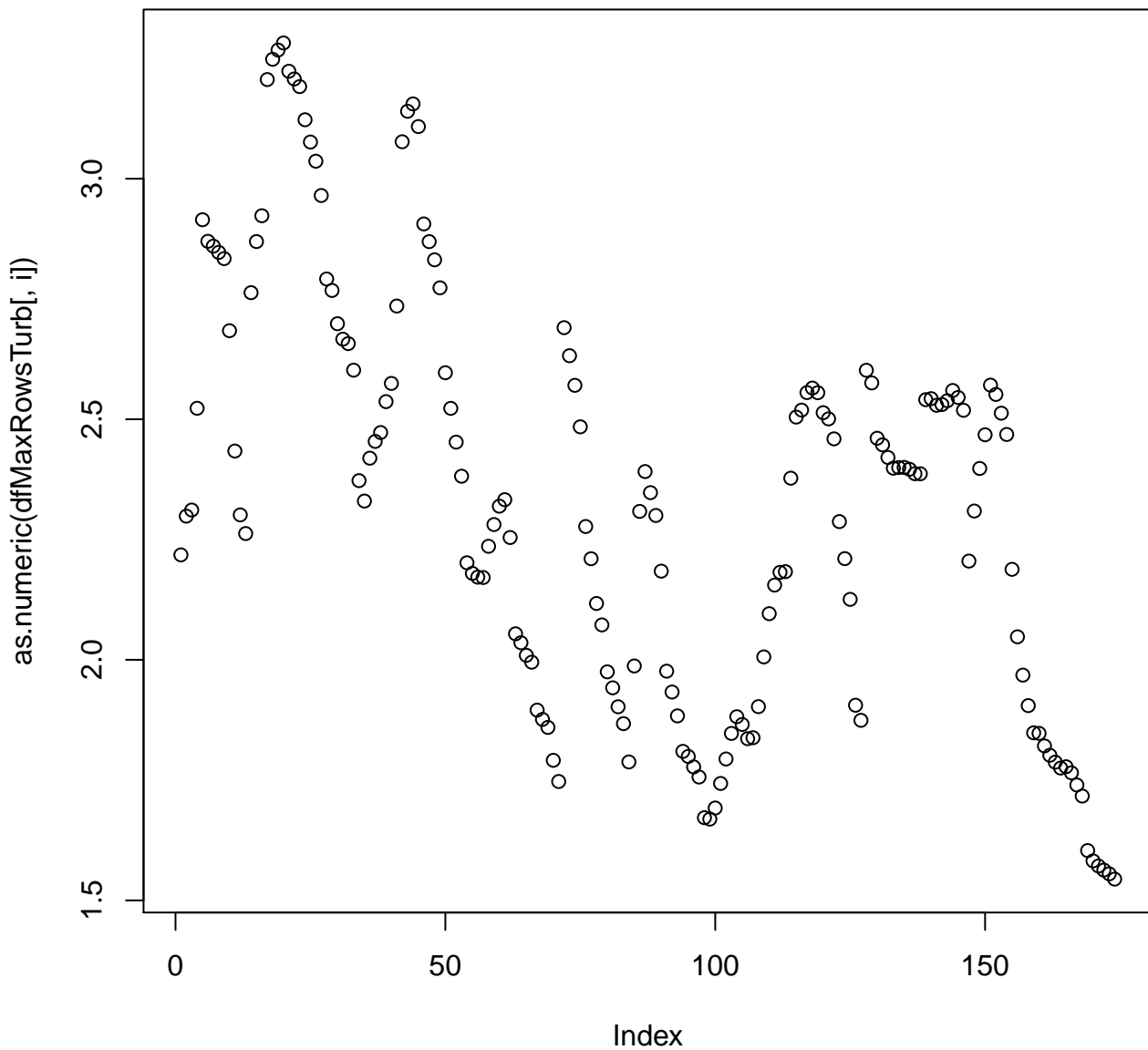


**log.Manitowoc\_Discharge\_Mean\_72**

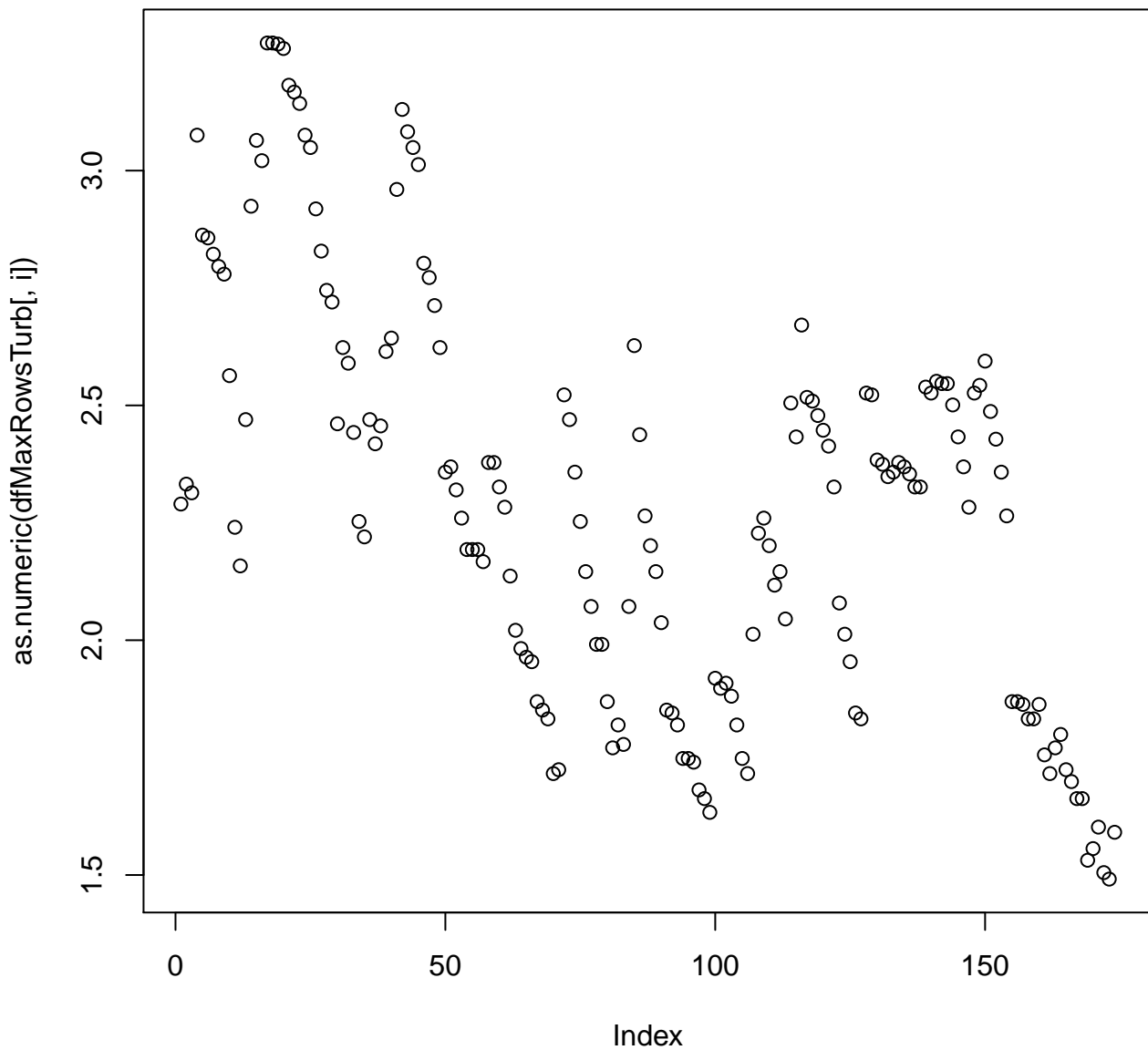




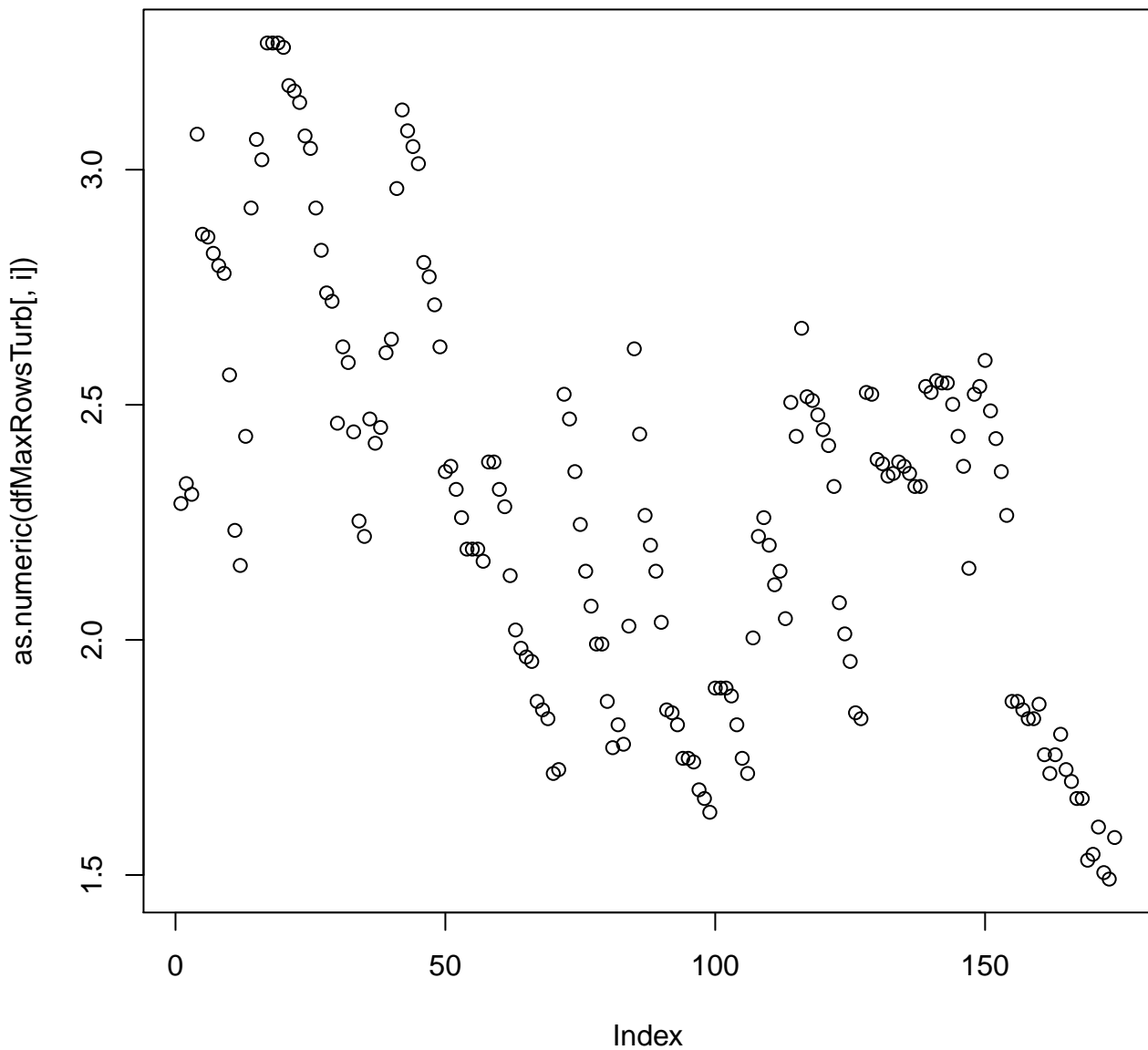
**log.Manitowoc\_Discharge\_Mean\_120**



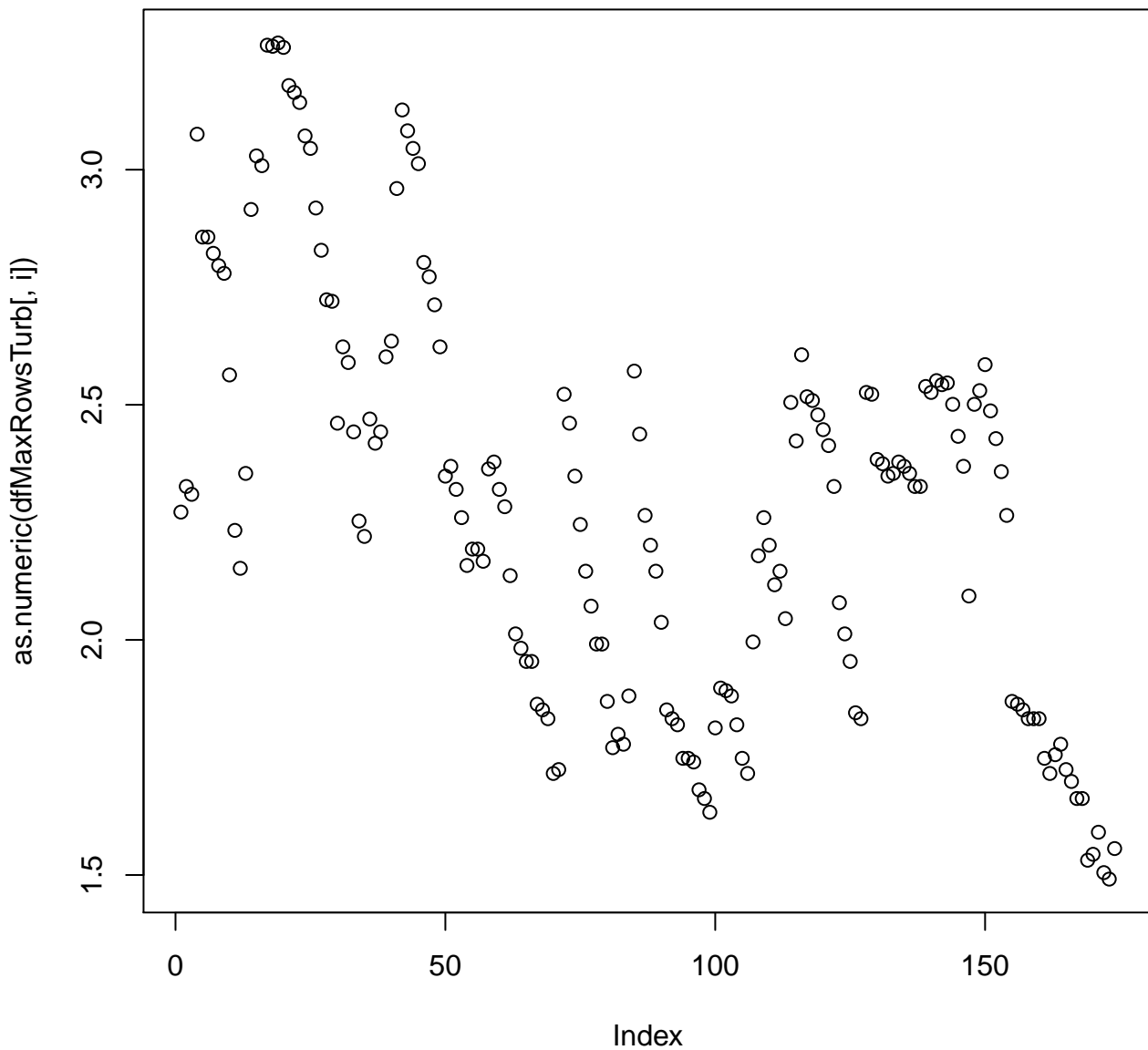
# log.Manitowoc\_Discharge\_Min\_1



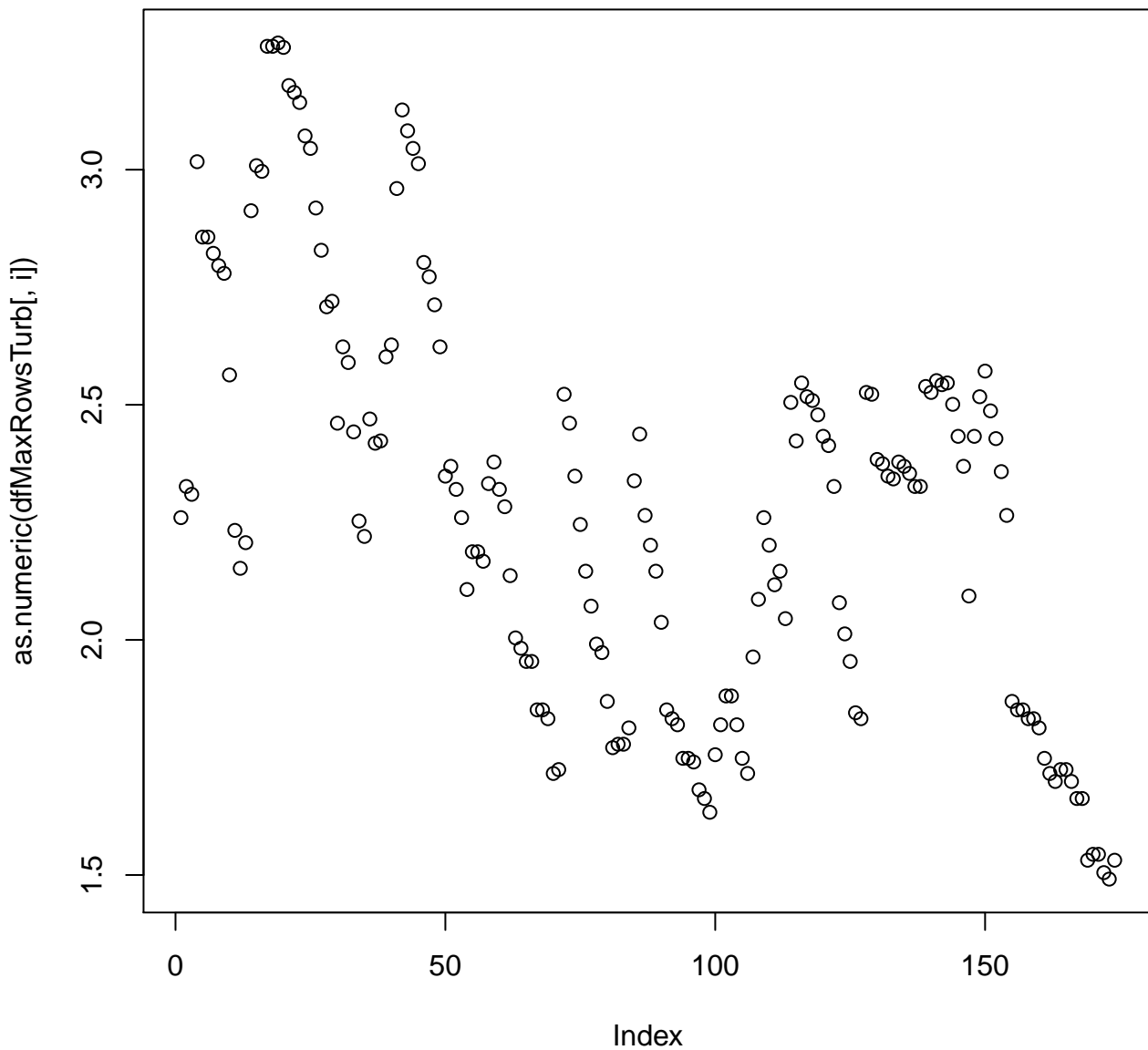
# log.Manitowoc\_Discharge\_Min\_2



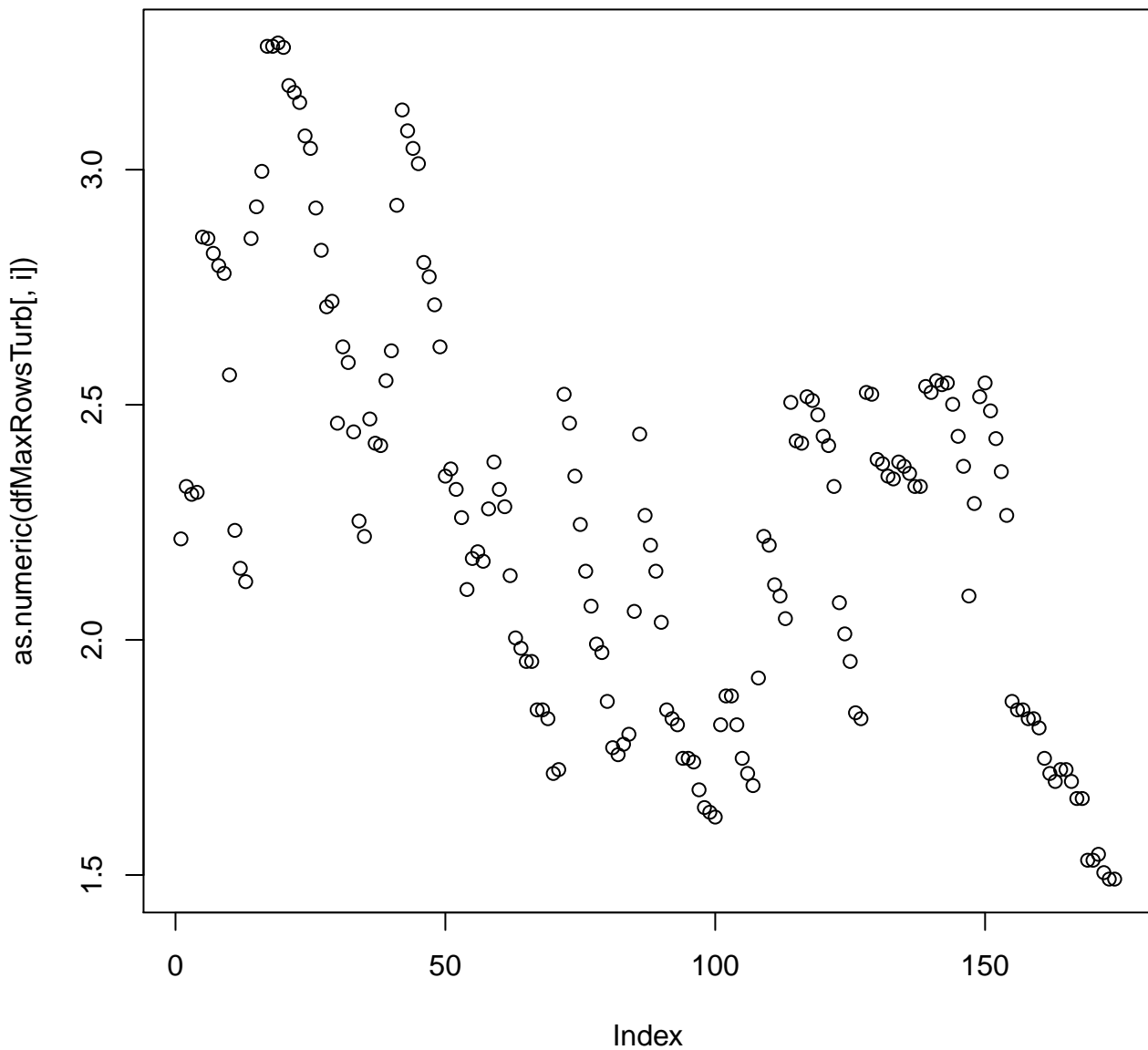
# log.Manitowoc\_Discharge\_Min\_6



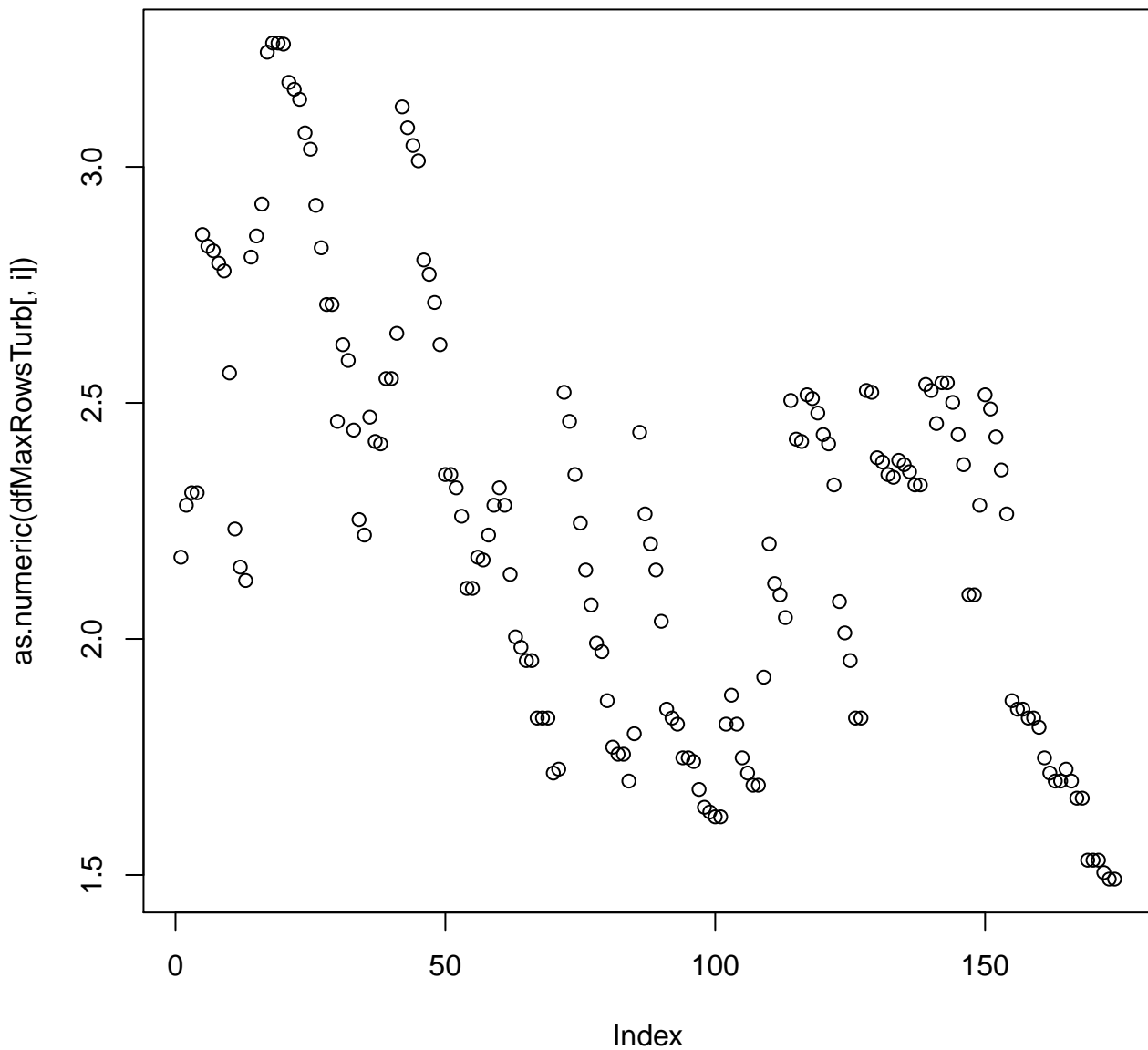
# log.Manitowoc\_Discharge\_Min\_12



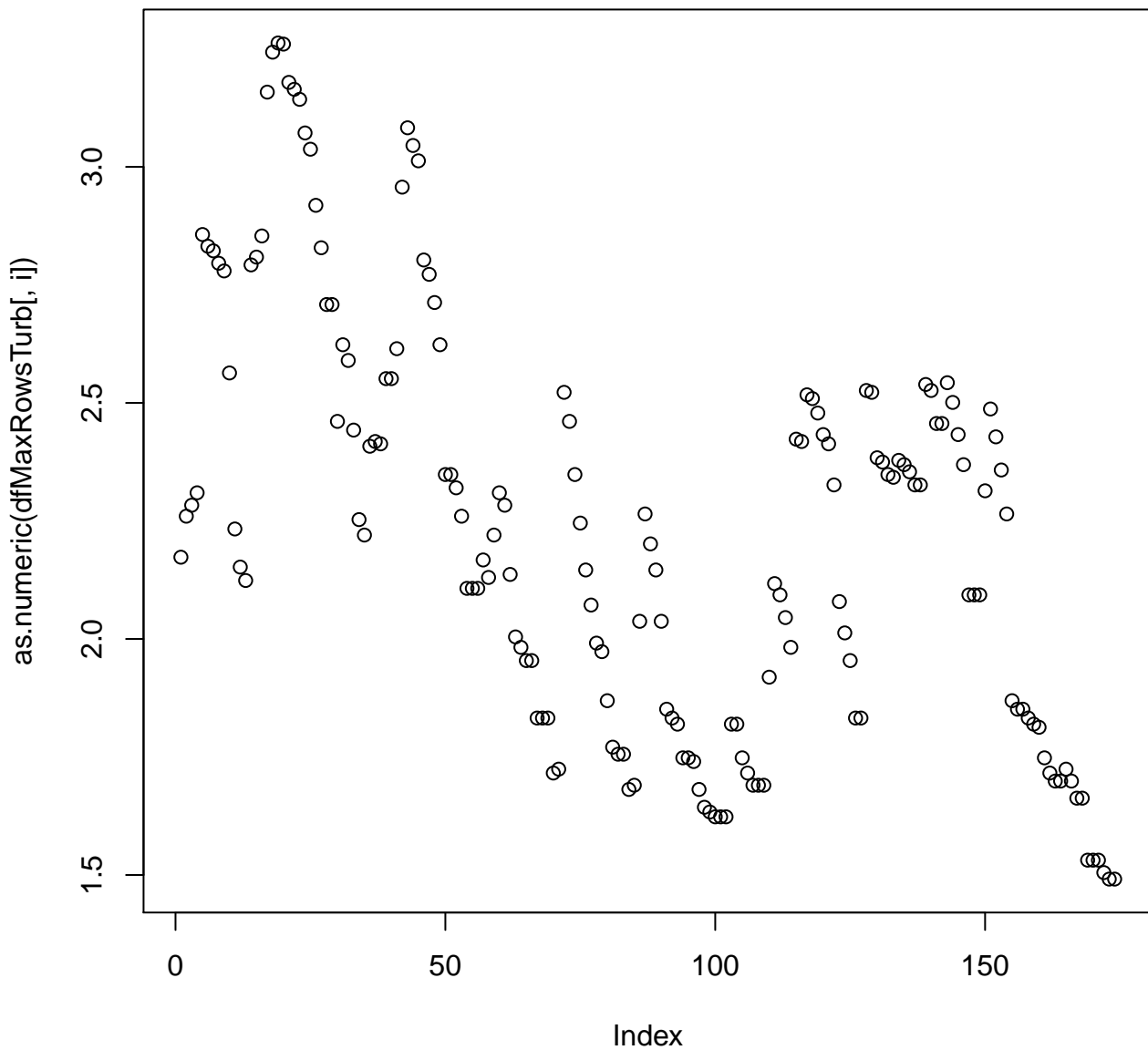
# log.Manitowoc\_Discharge\_Min\_24



# log.Manitowoc\_Discharge\_Min\_48

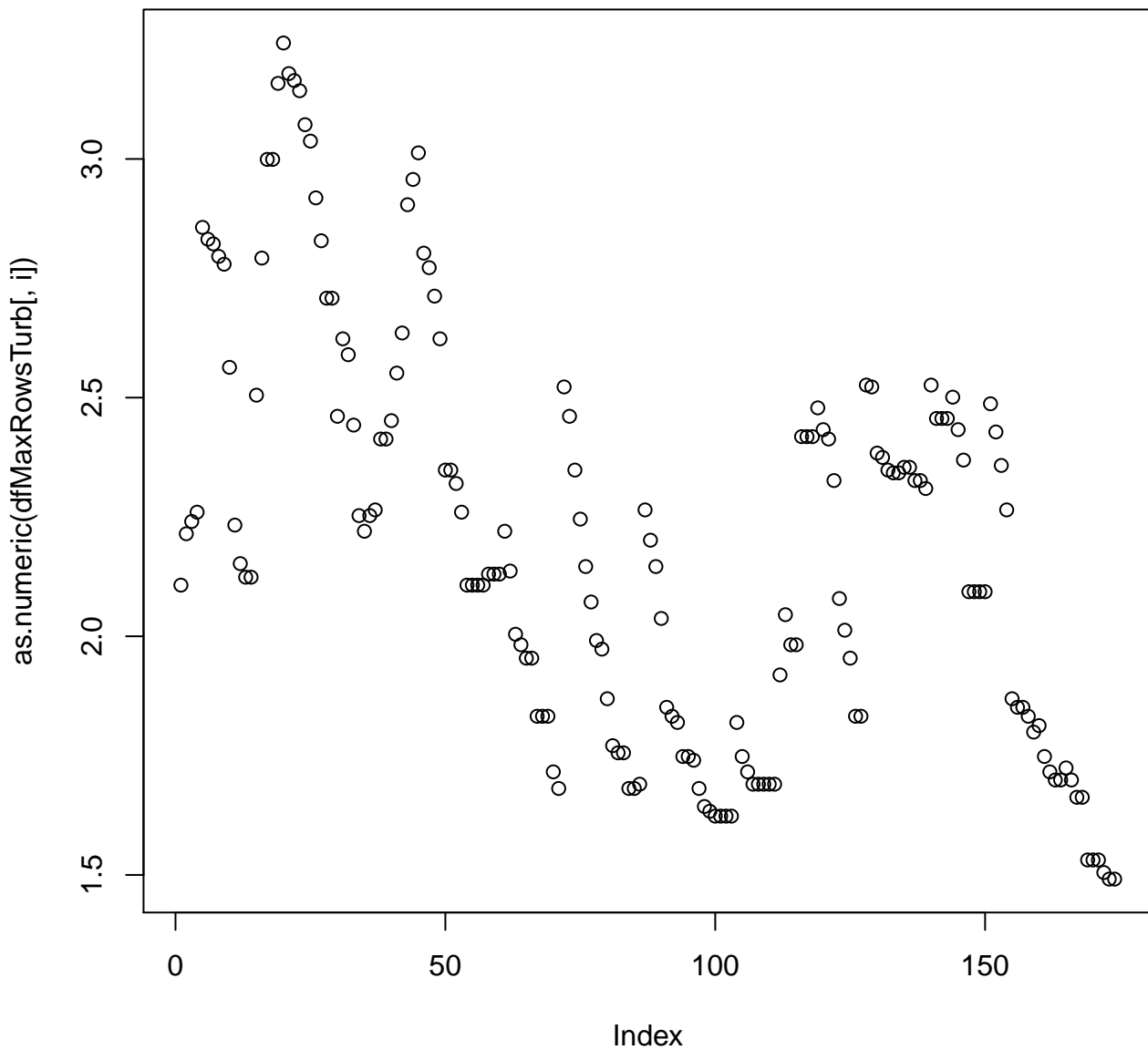


# log.Manitowoc\_Discharge\_Min\_72

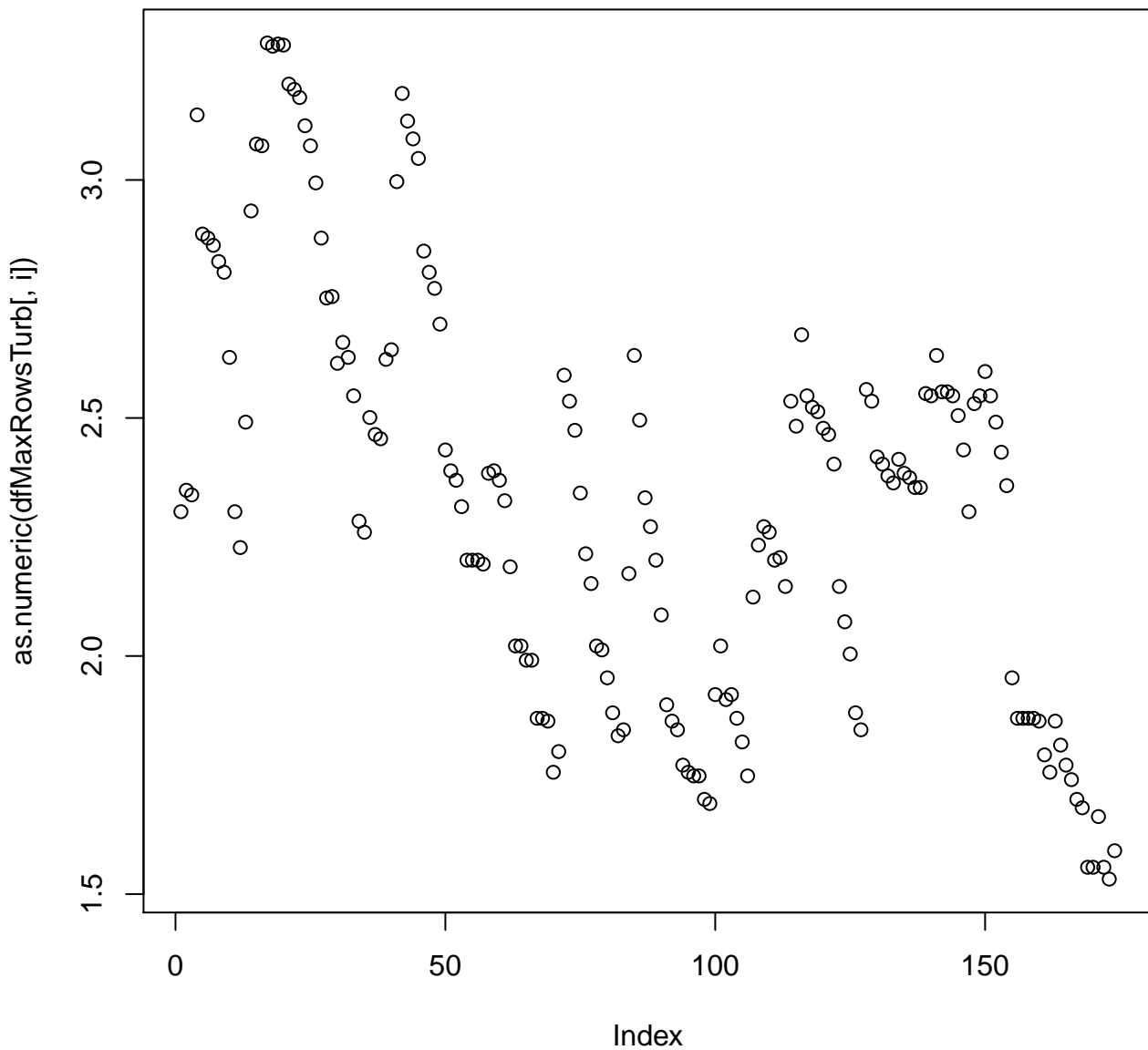




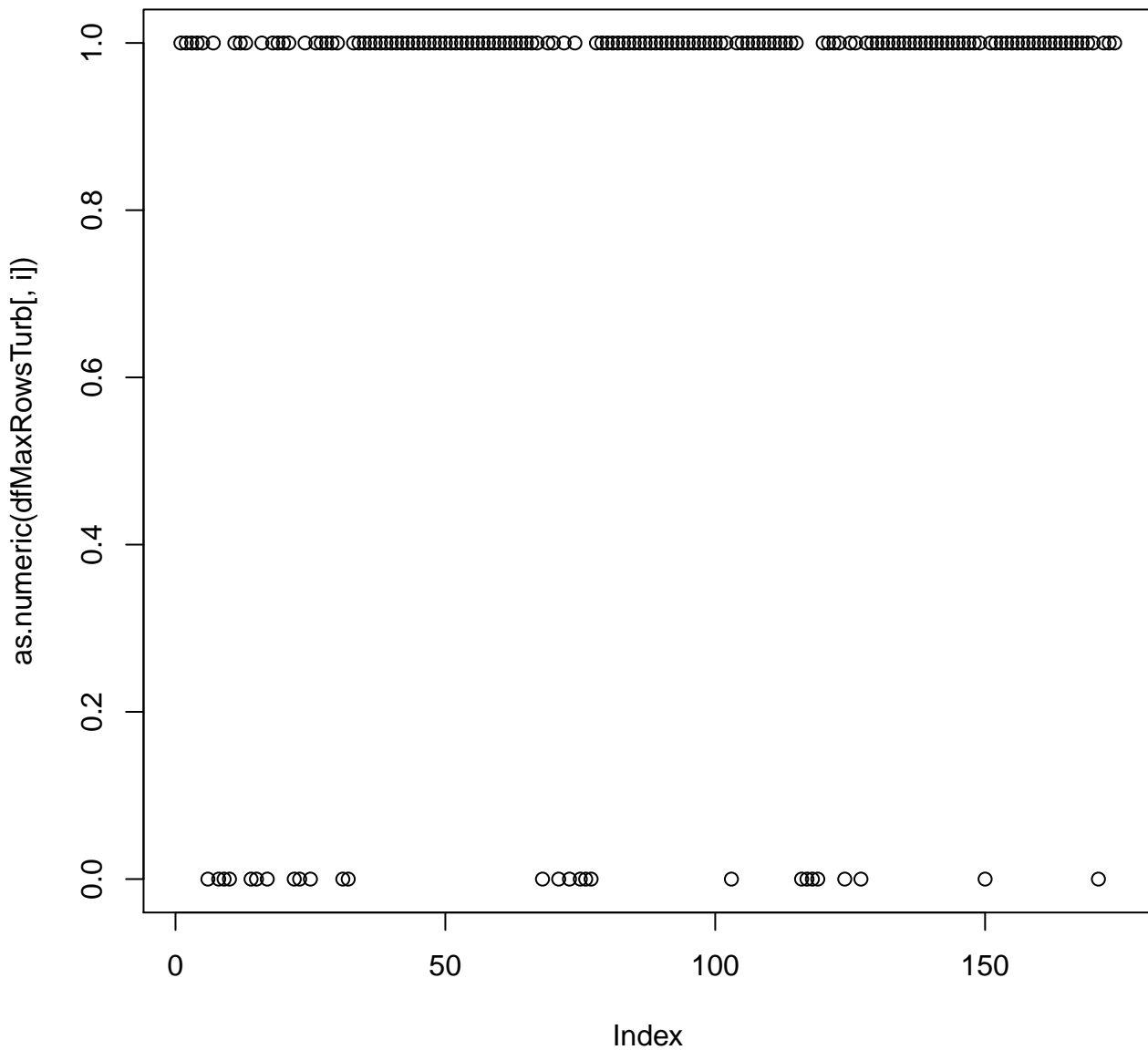
# log.Manitowoc\_Discharge\_Min\_120



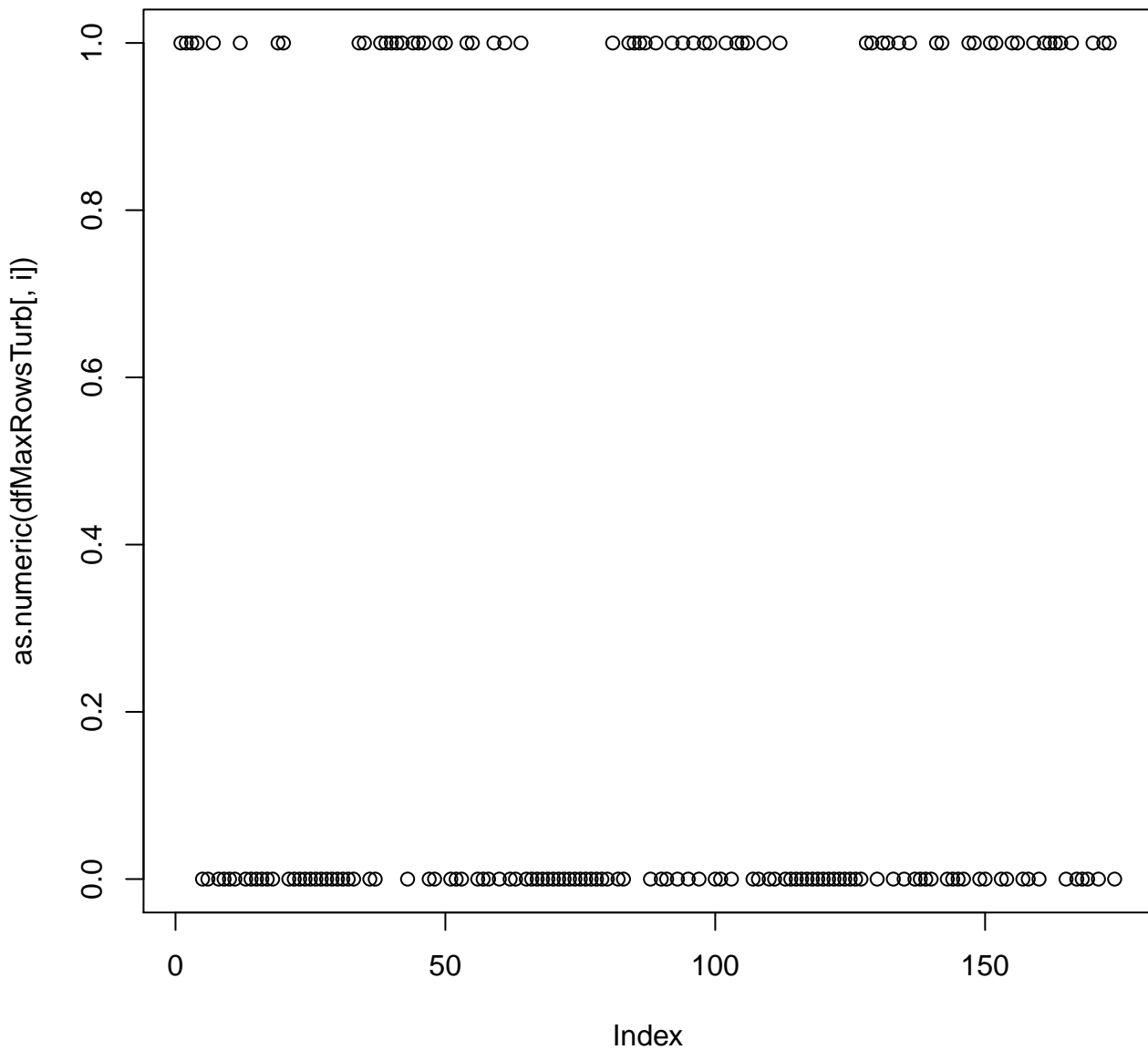
# log.Manitowoc\_Discharge\_Max\_24



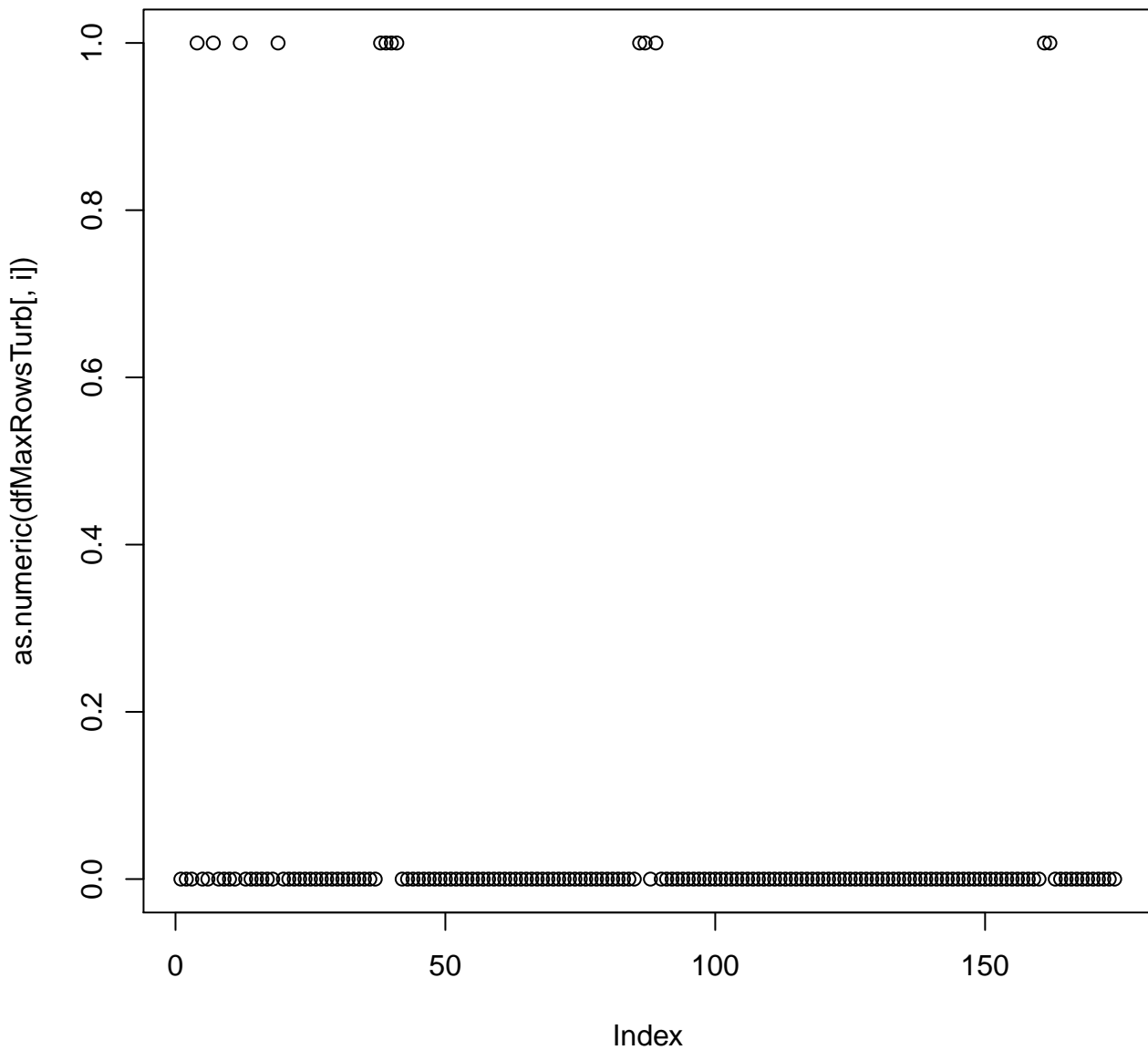
## beach\_AlgaeNearshore2



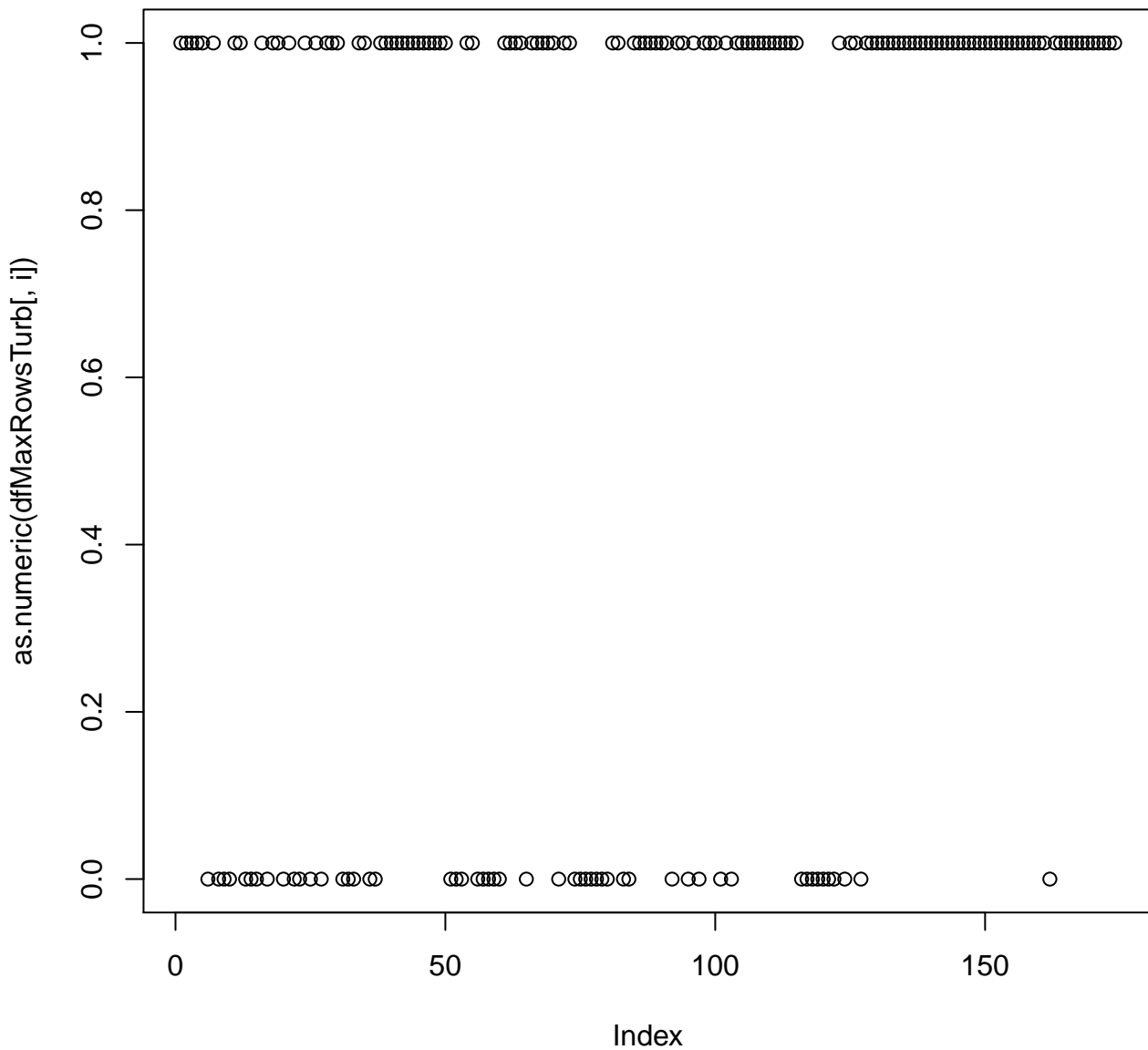
# beach\_AlgaeNearshore3



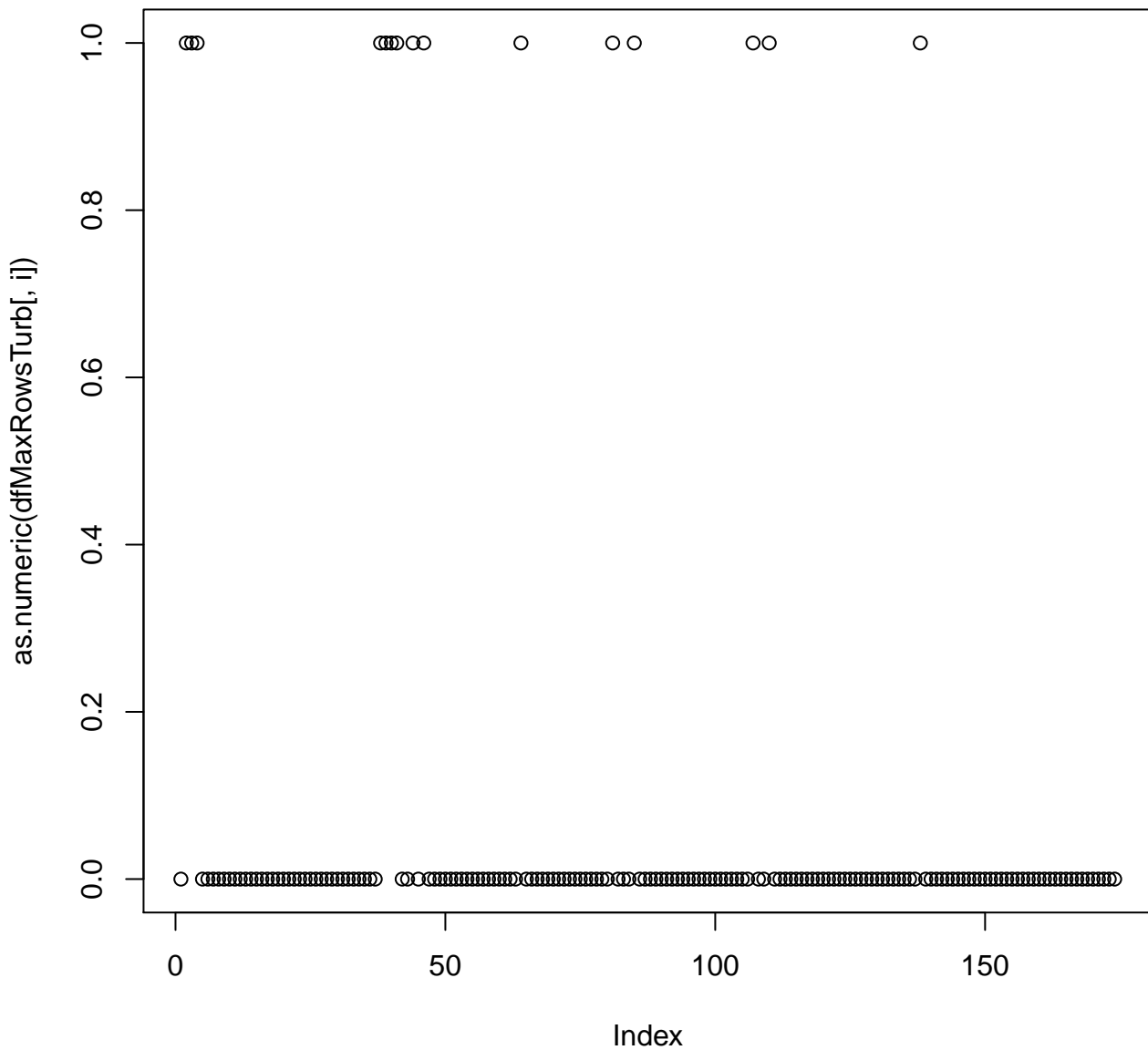
# beach\_AlgaeNearshore4



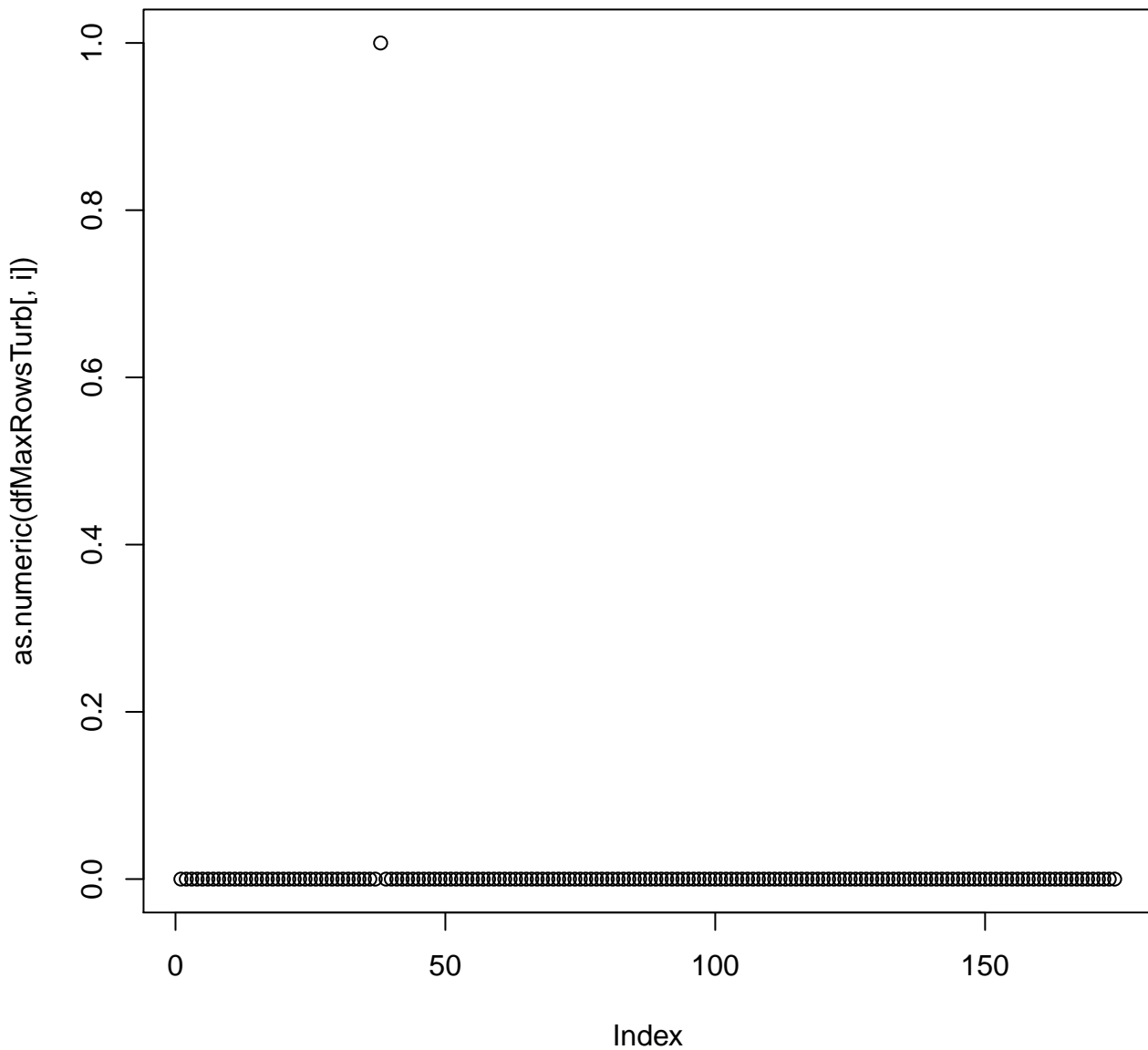
## beach\_AlgaeOnBeach2



# beach\_AlgaeOnBeach3



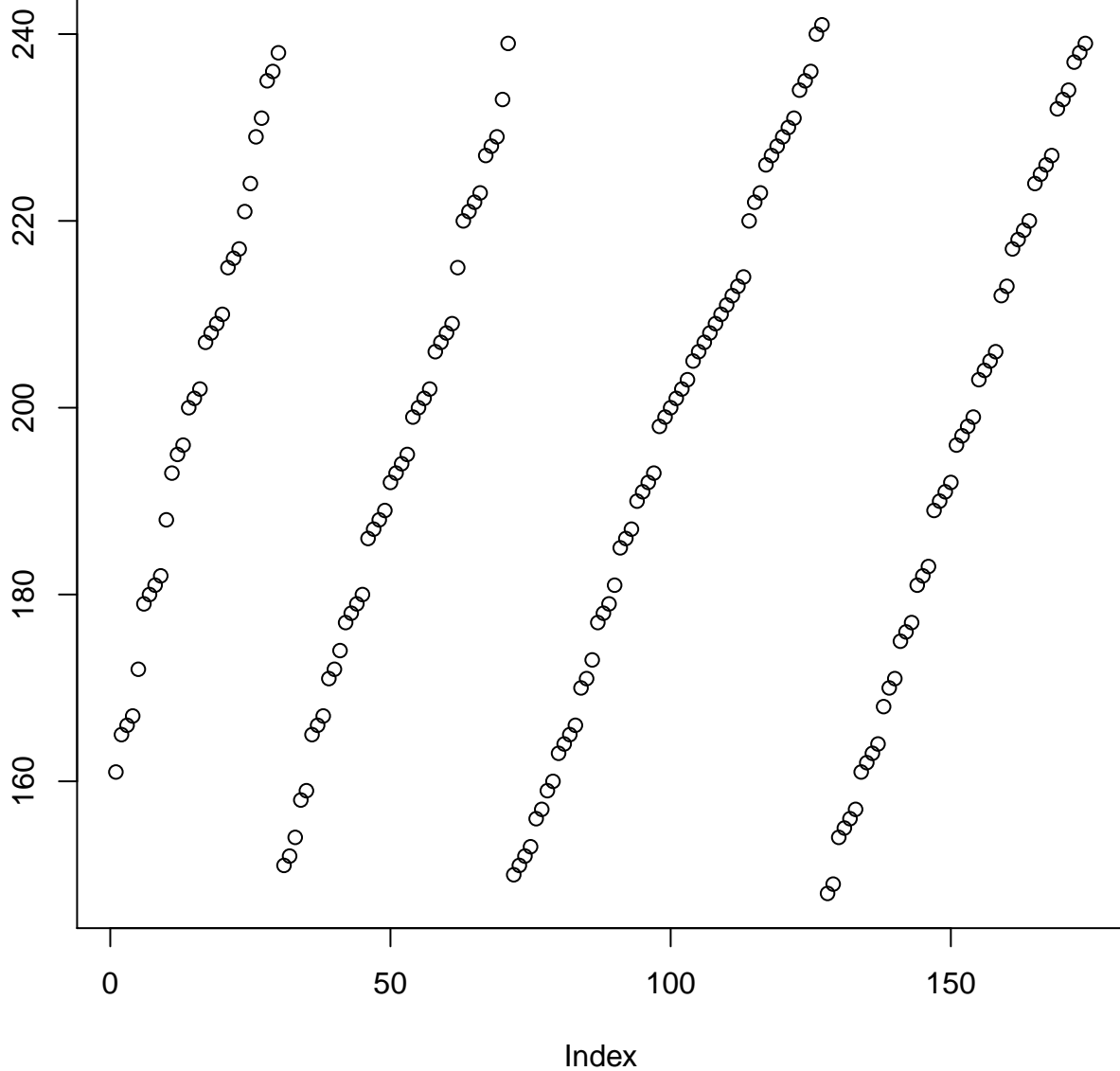
# beach\_AlgaeOnBeach4





as.numeric(df\$MaxRowsTurb[, i])

yday



# log.beach\_TurbidityBeach

