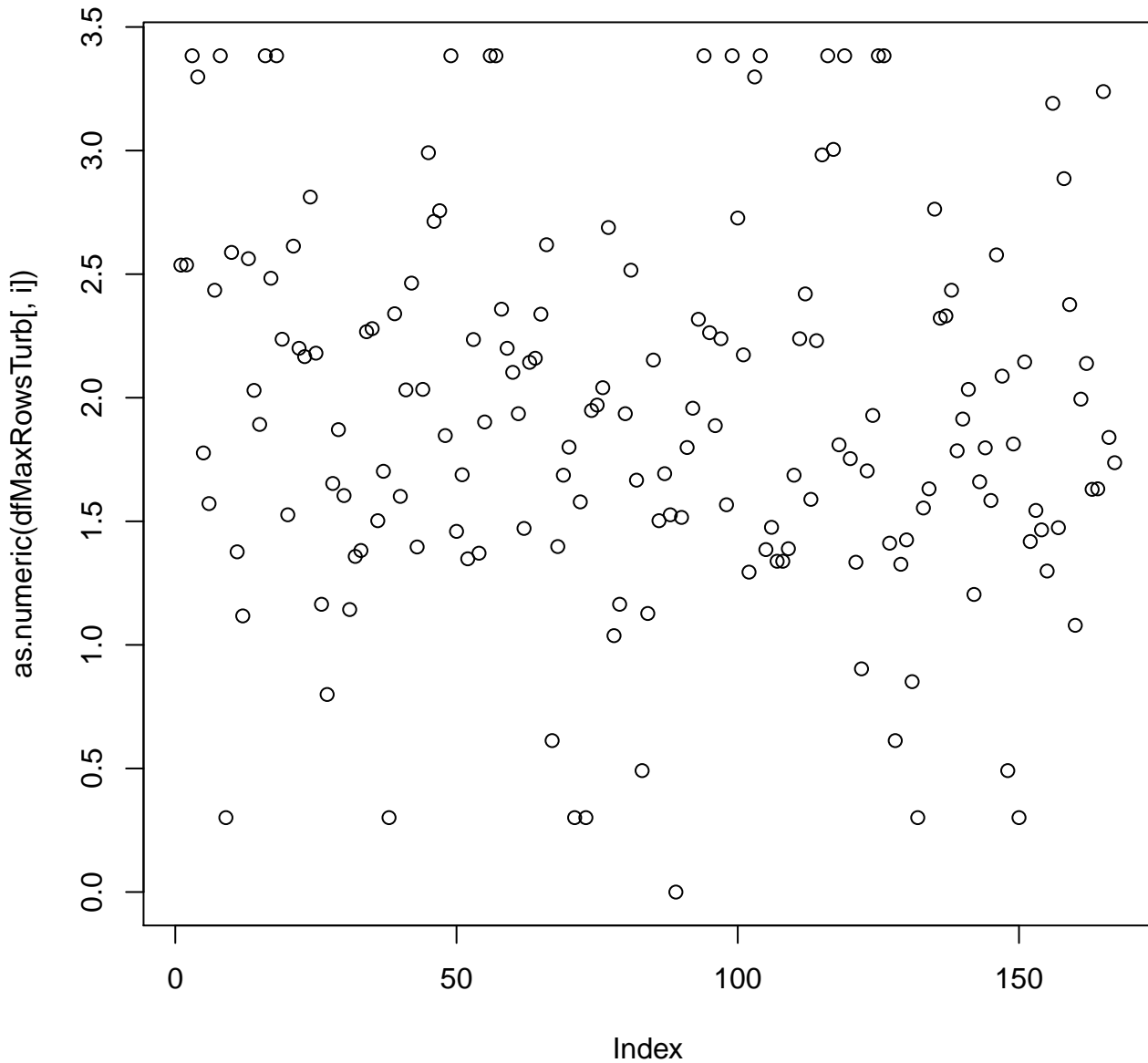
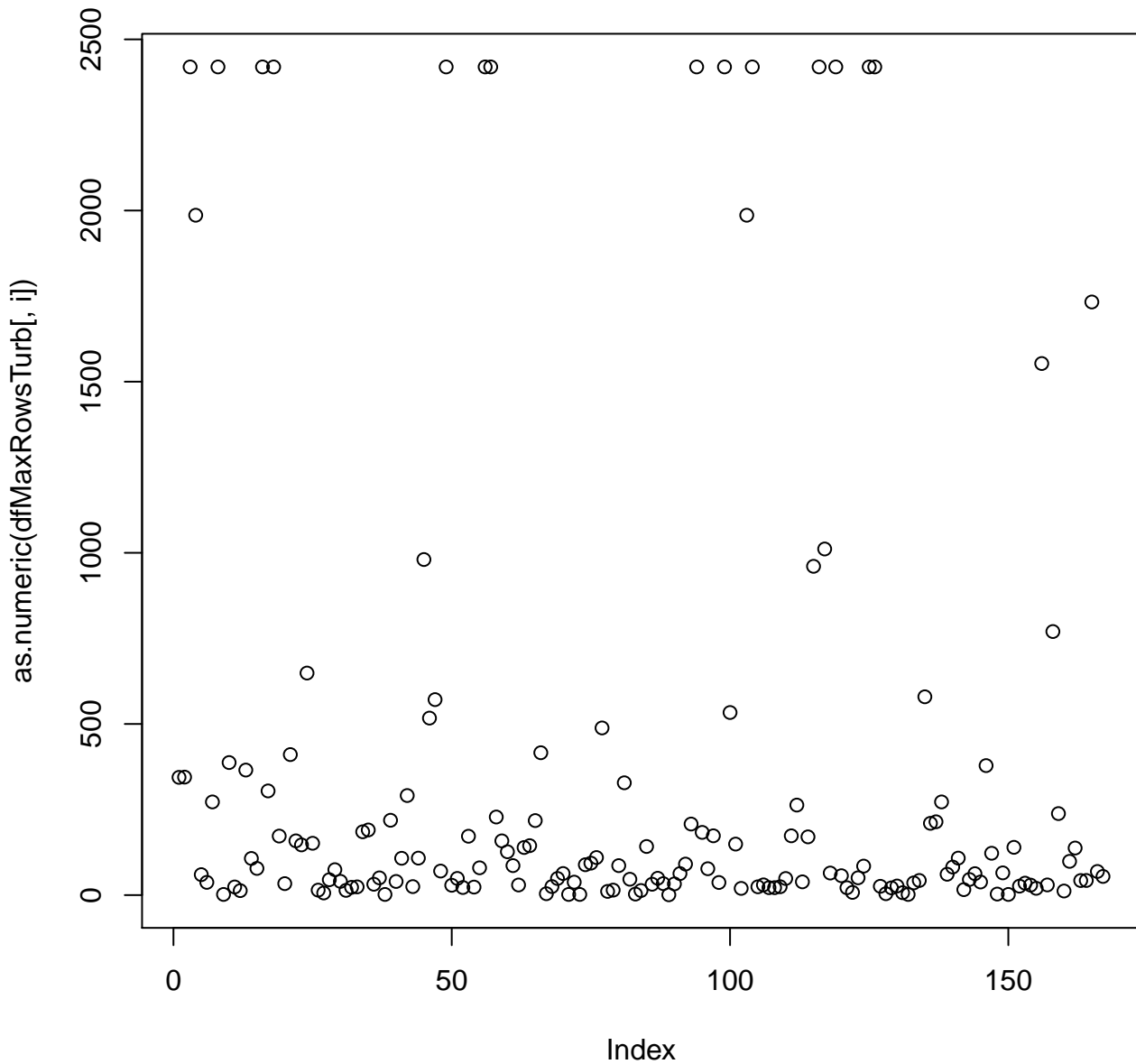


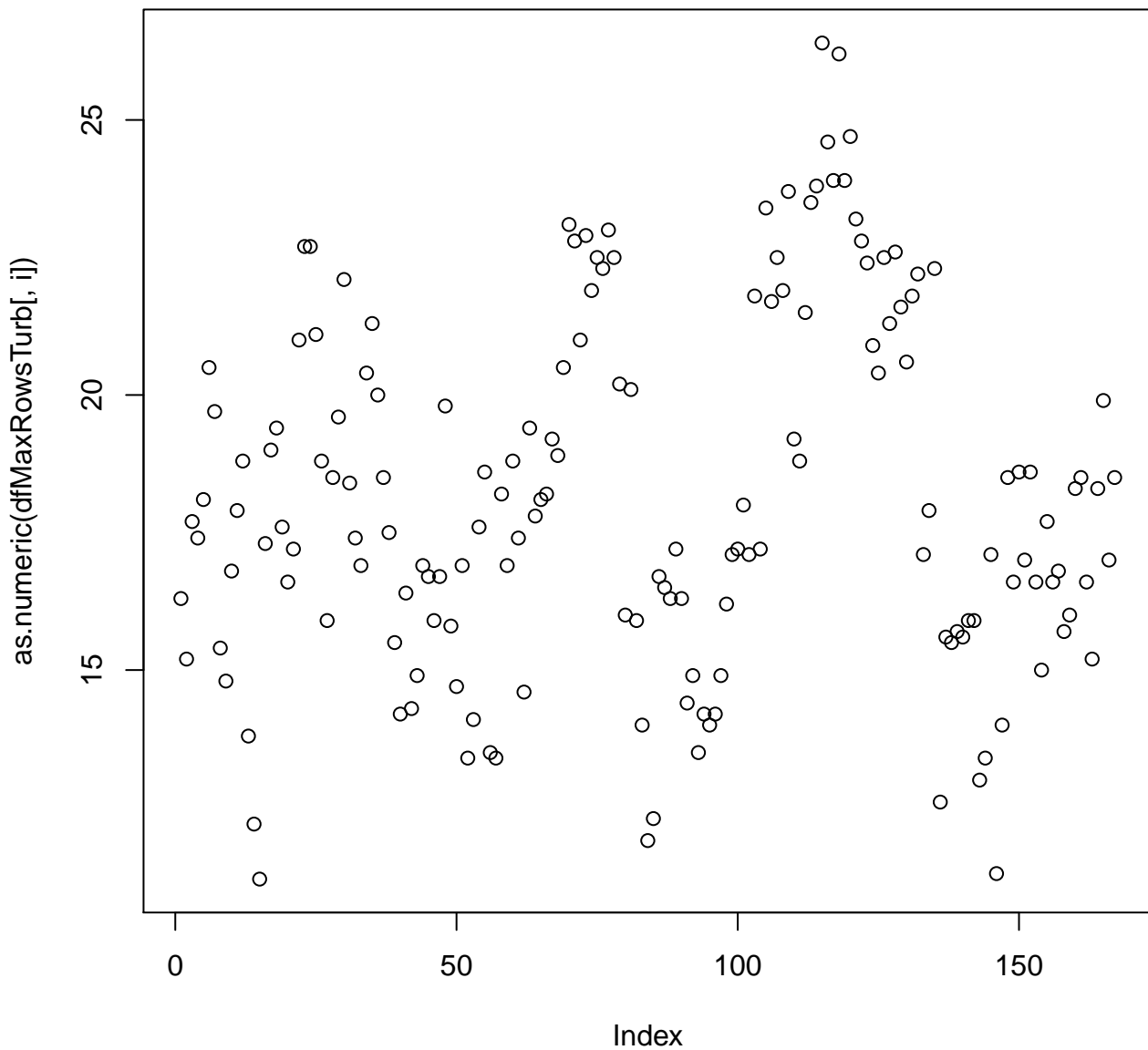
# log\_beach\_EColi



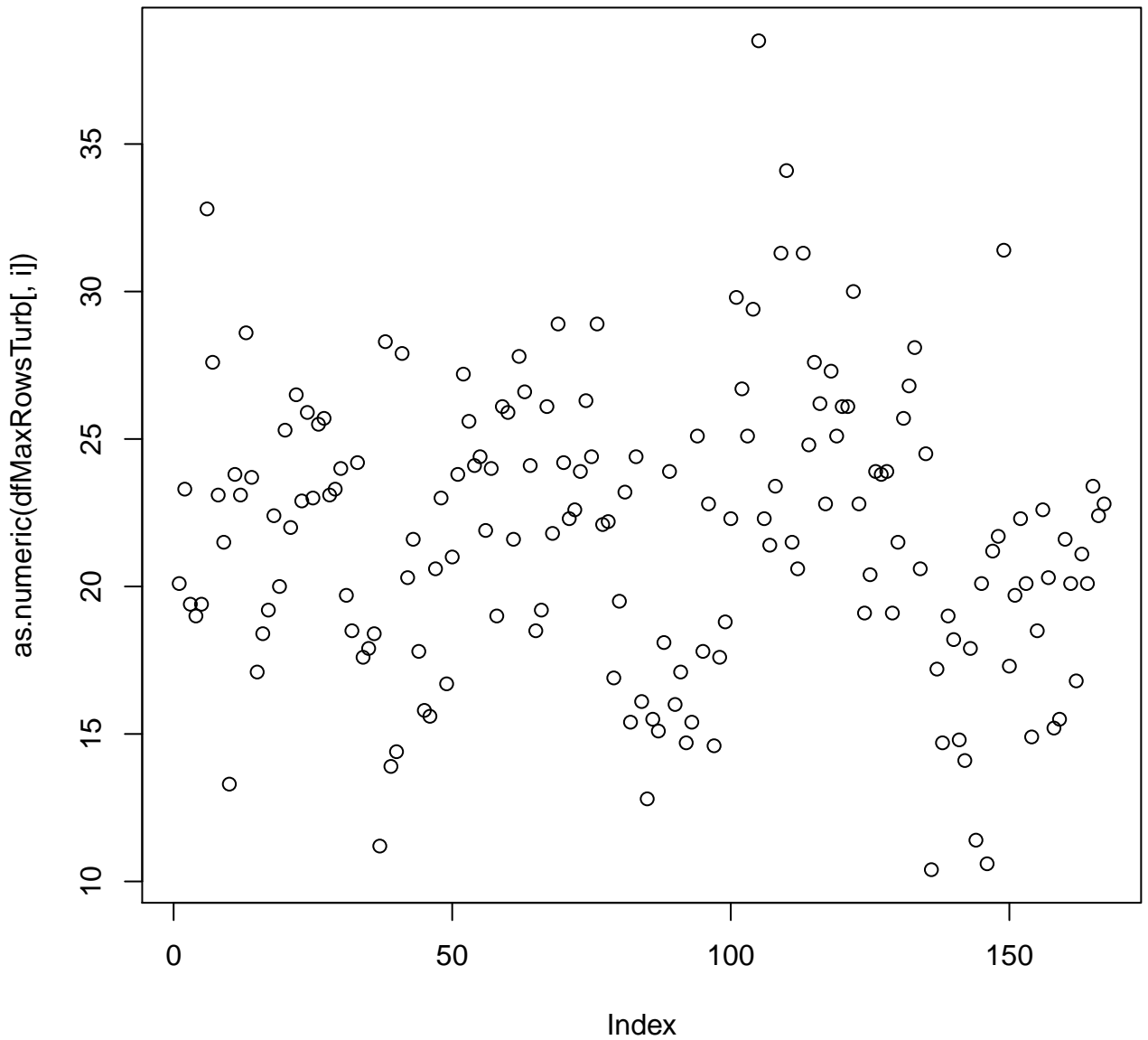
beach\_EColiValue



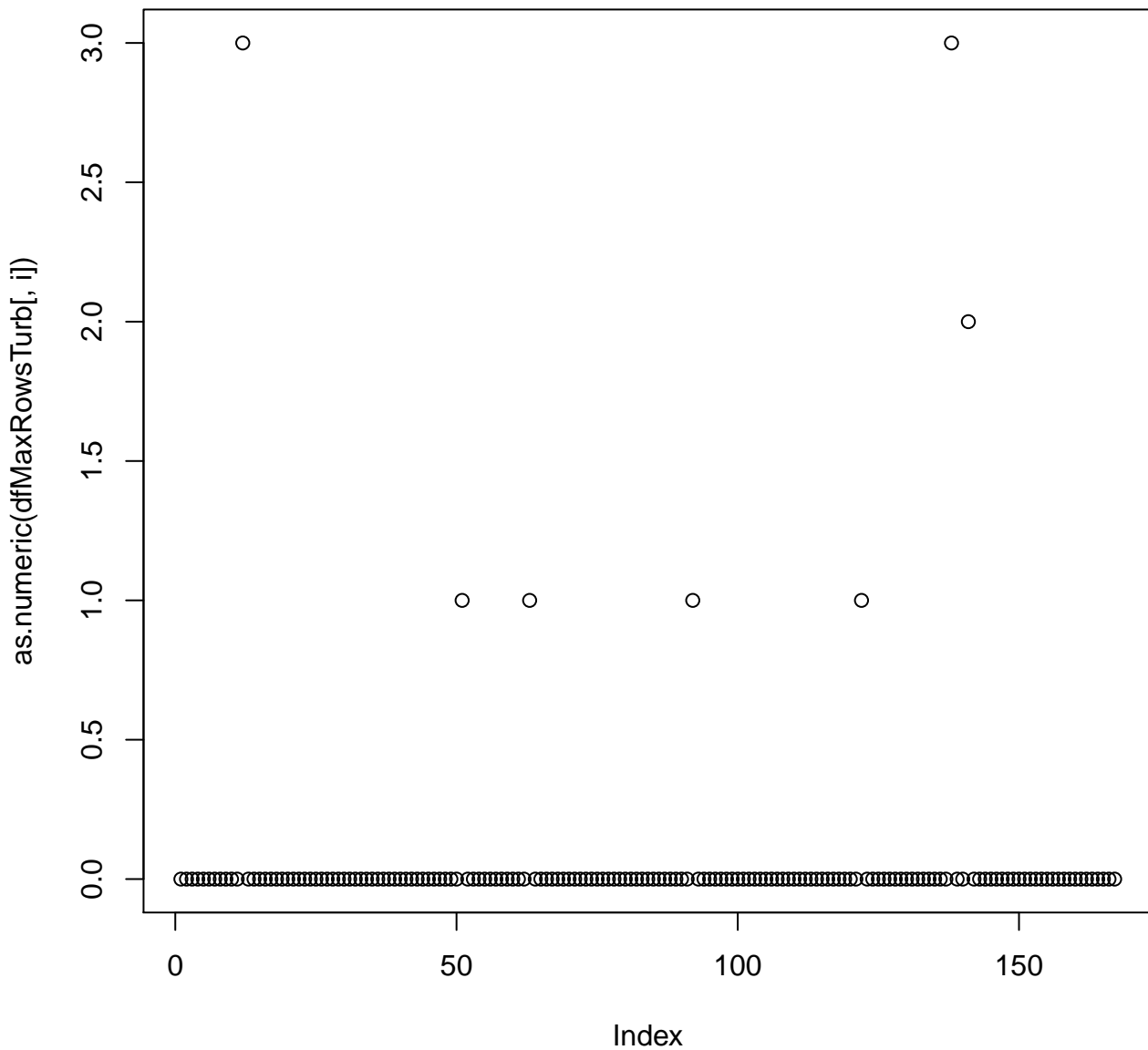
# beach\_WaterTemp



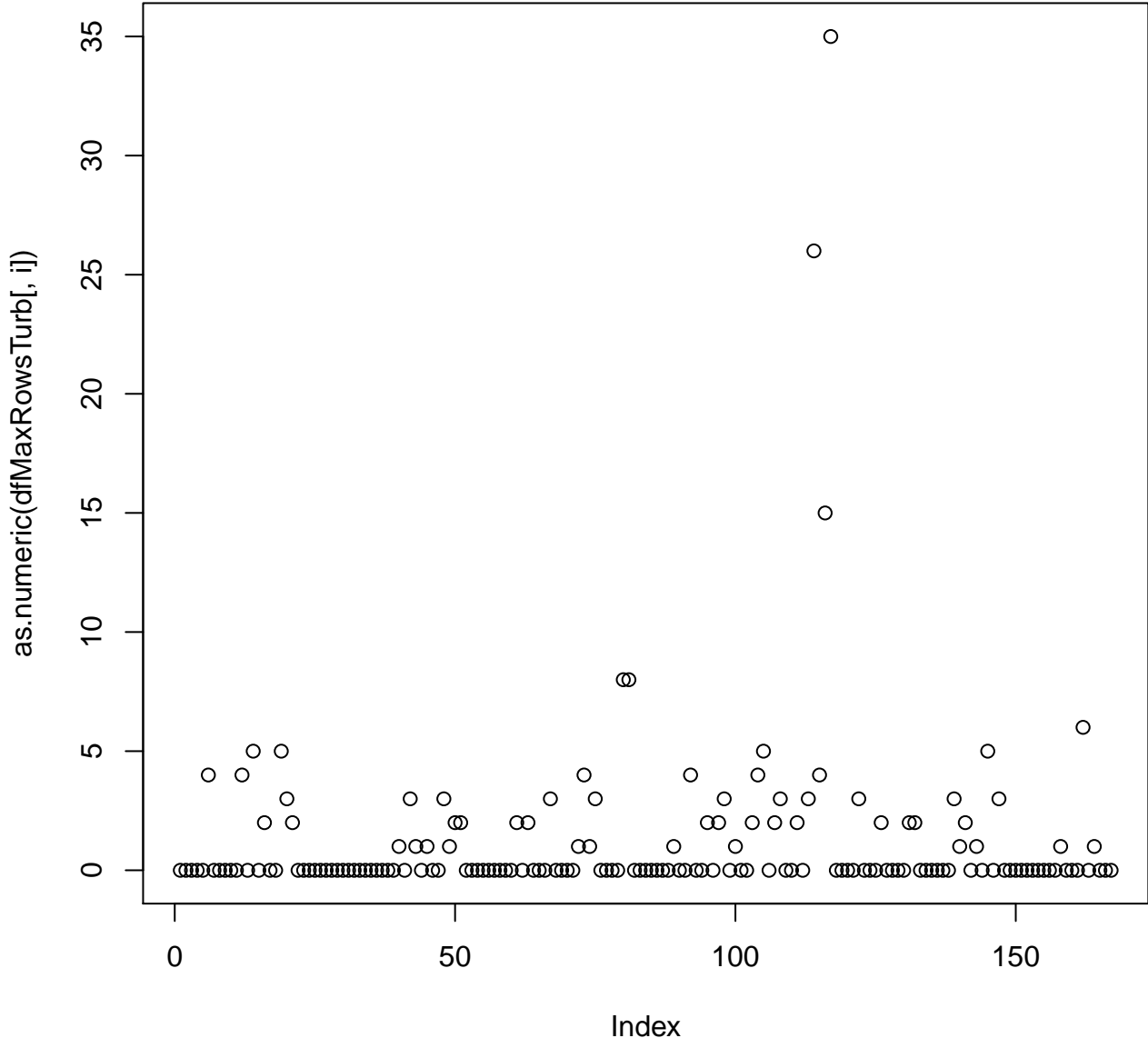
# beach\_AirTemp



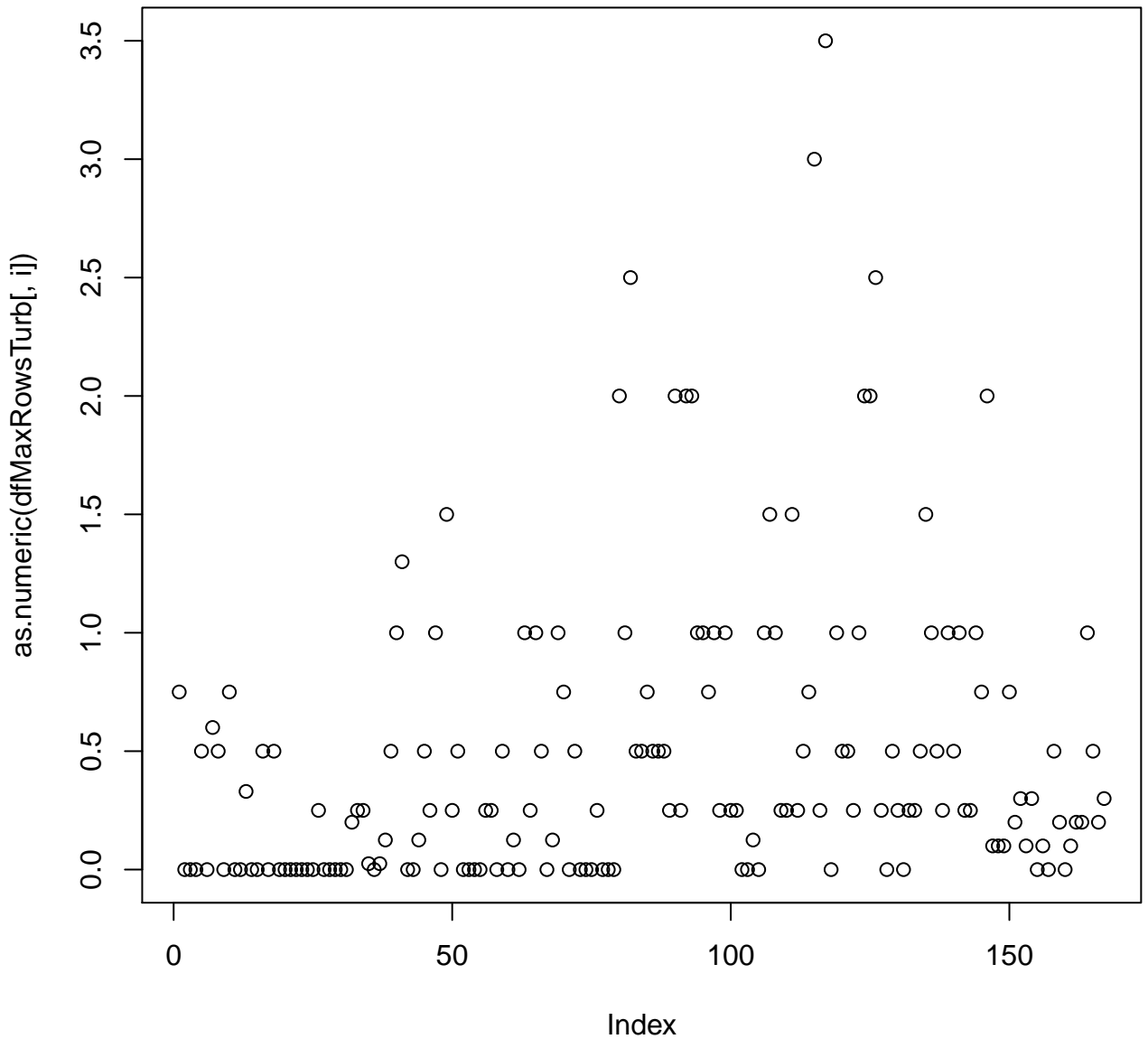
beach\_PeopleInWater



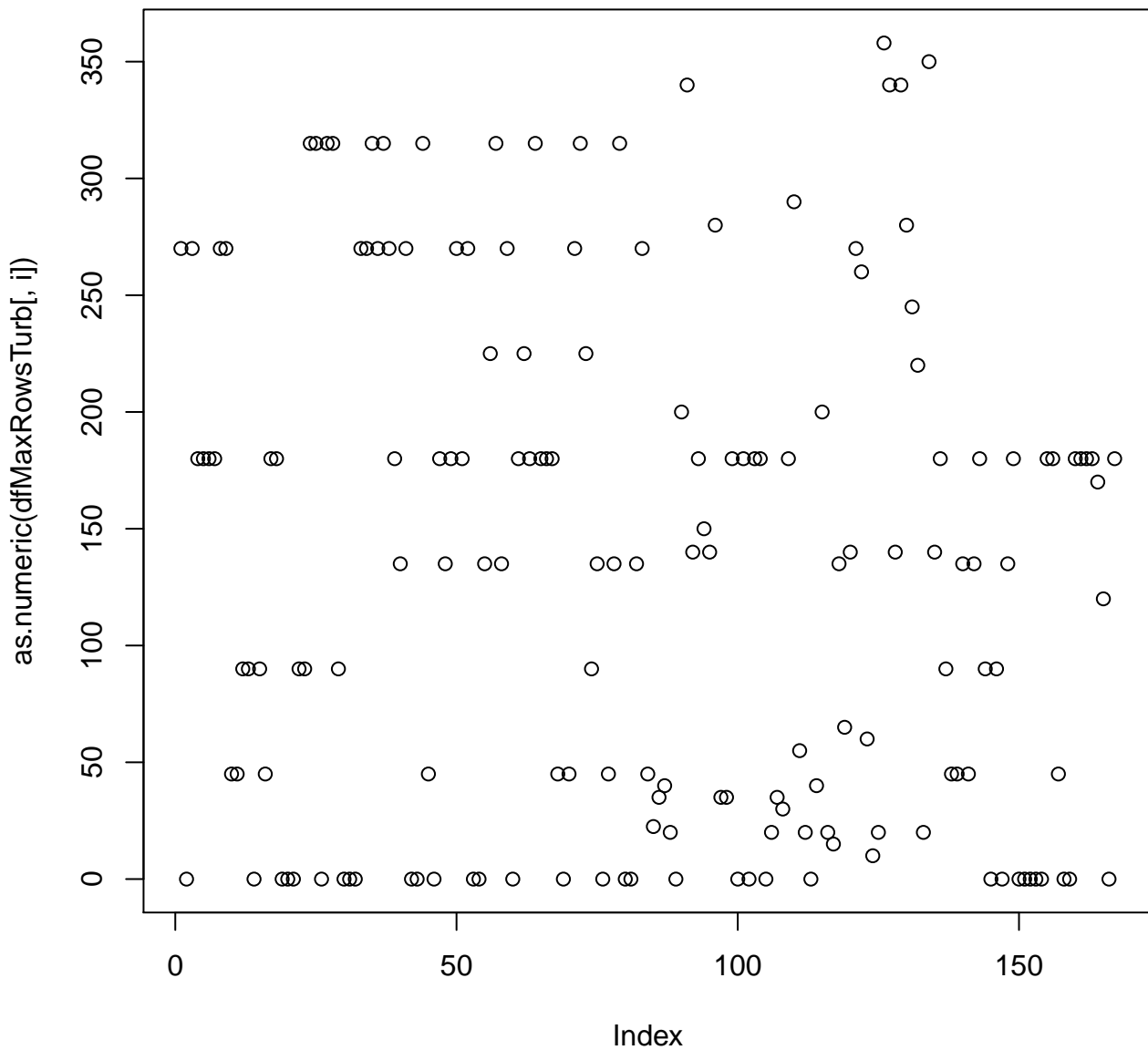
beach\_PeopleOnBeach



# beach\_WaveHeightManual

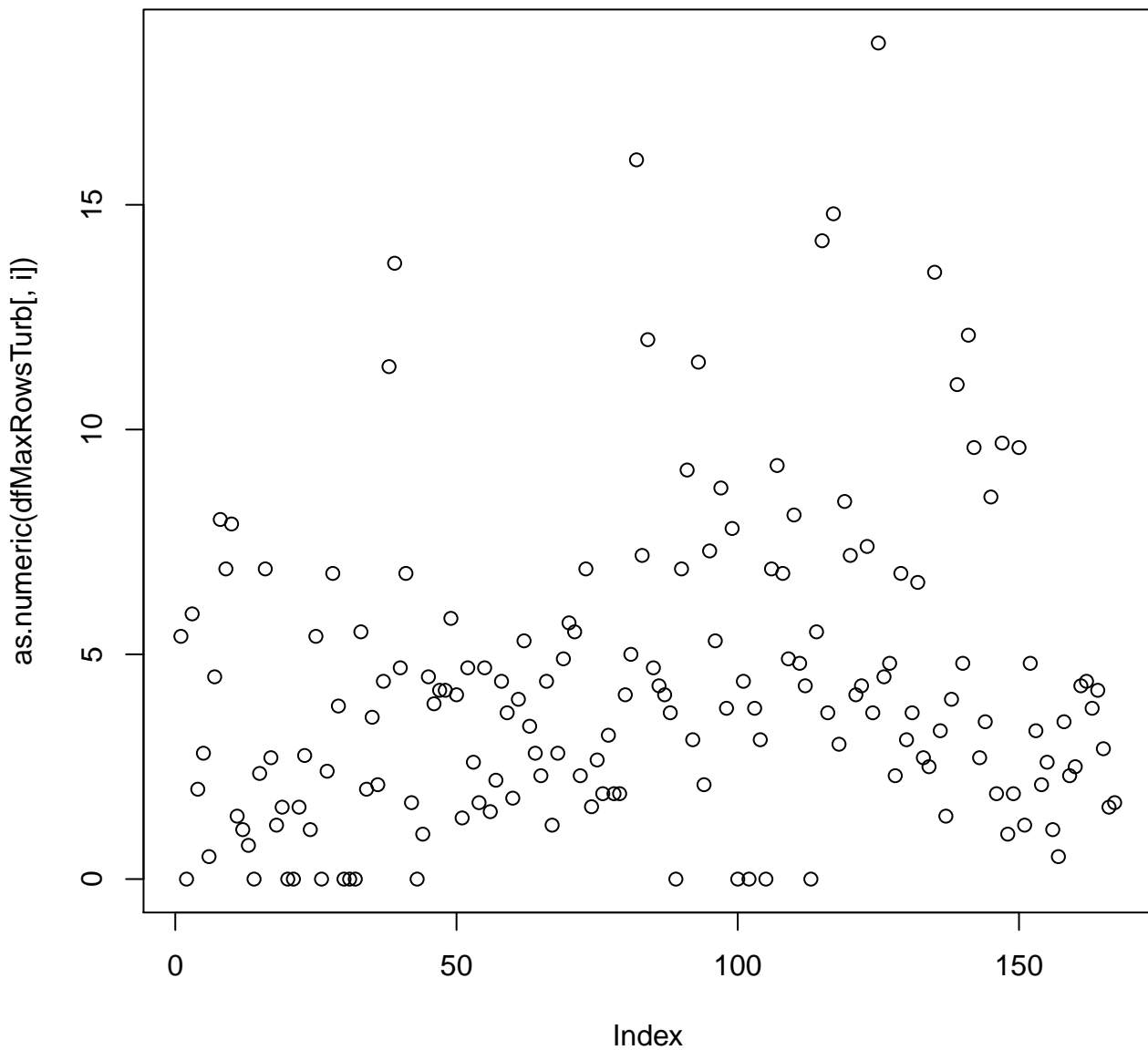


# beach\_WindDirDegrees

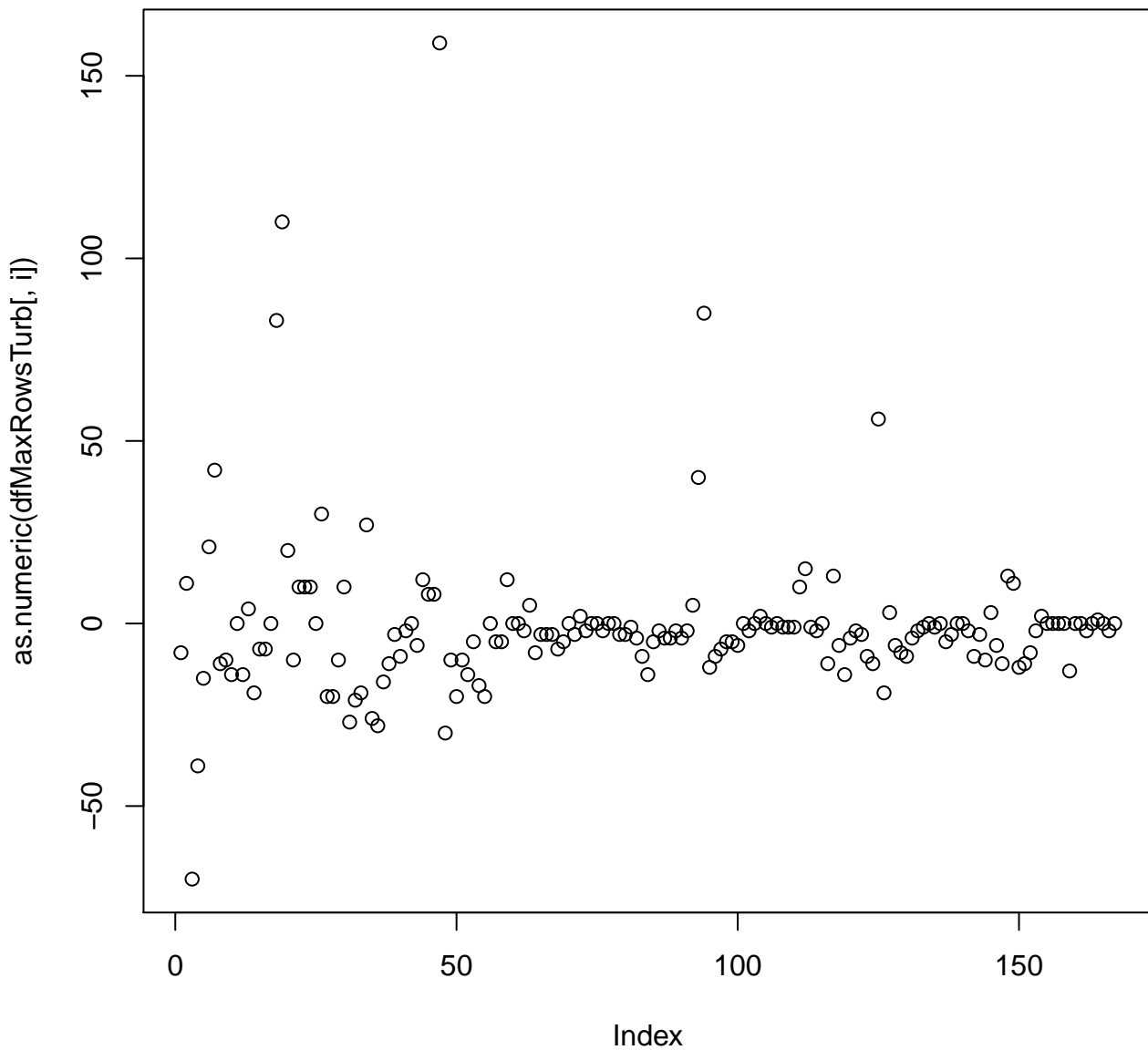




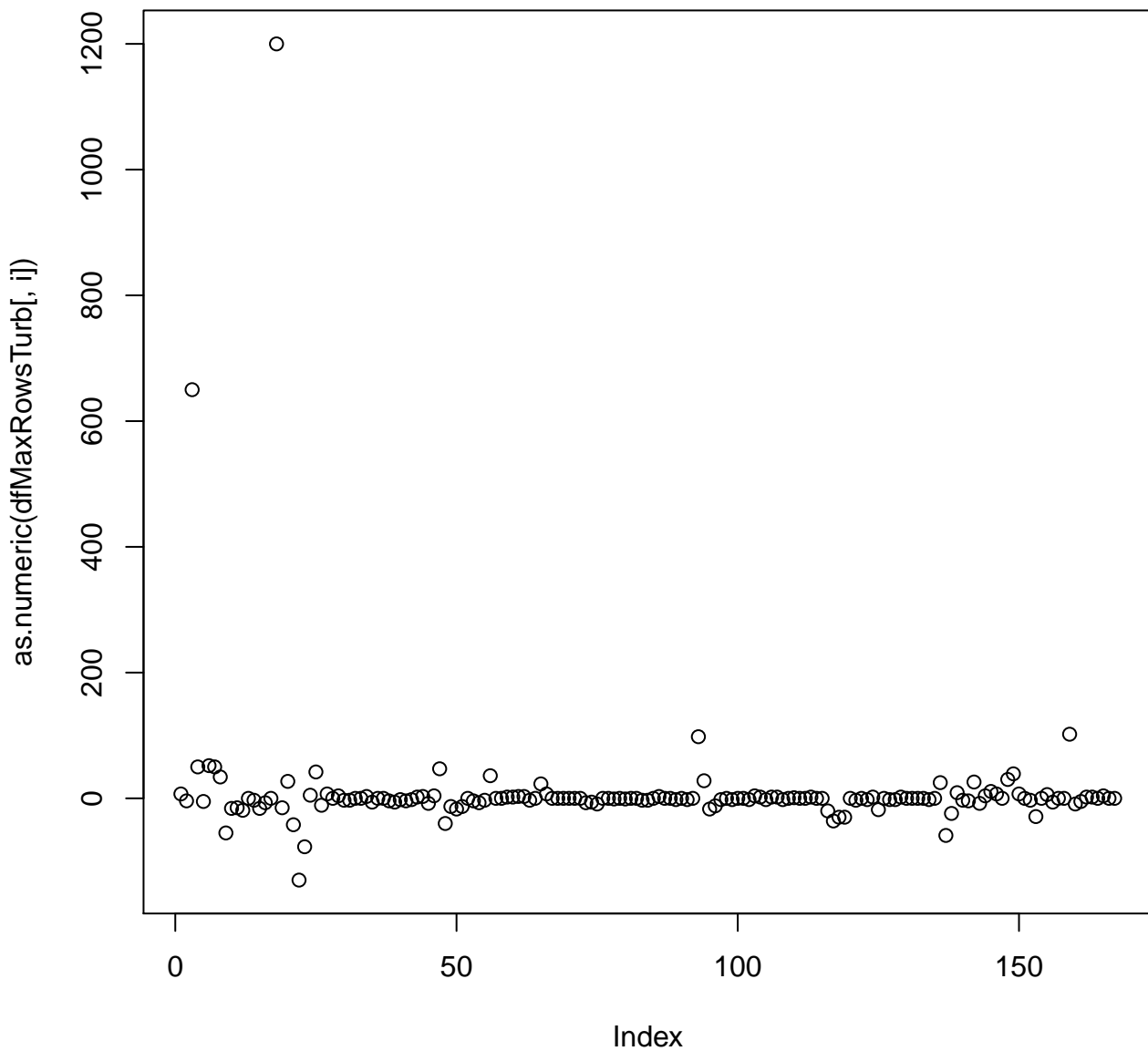
# beach\_WindSpeed



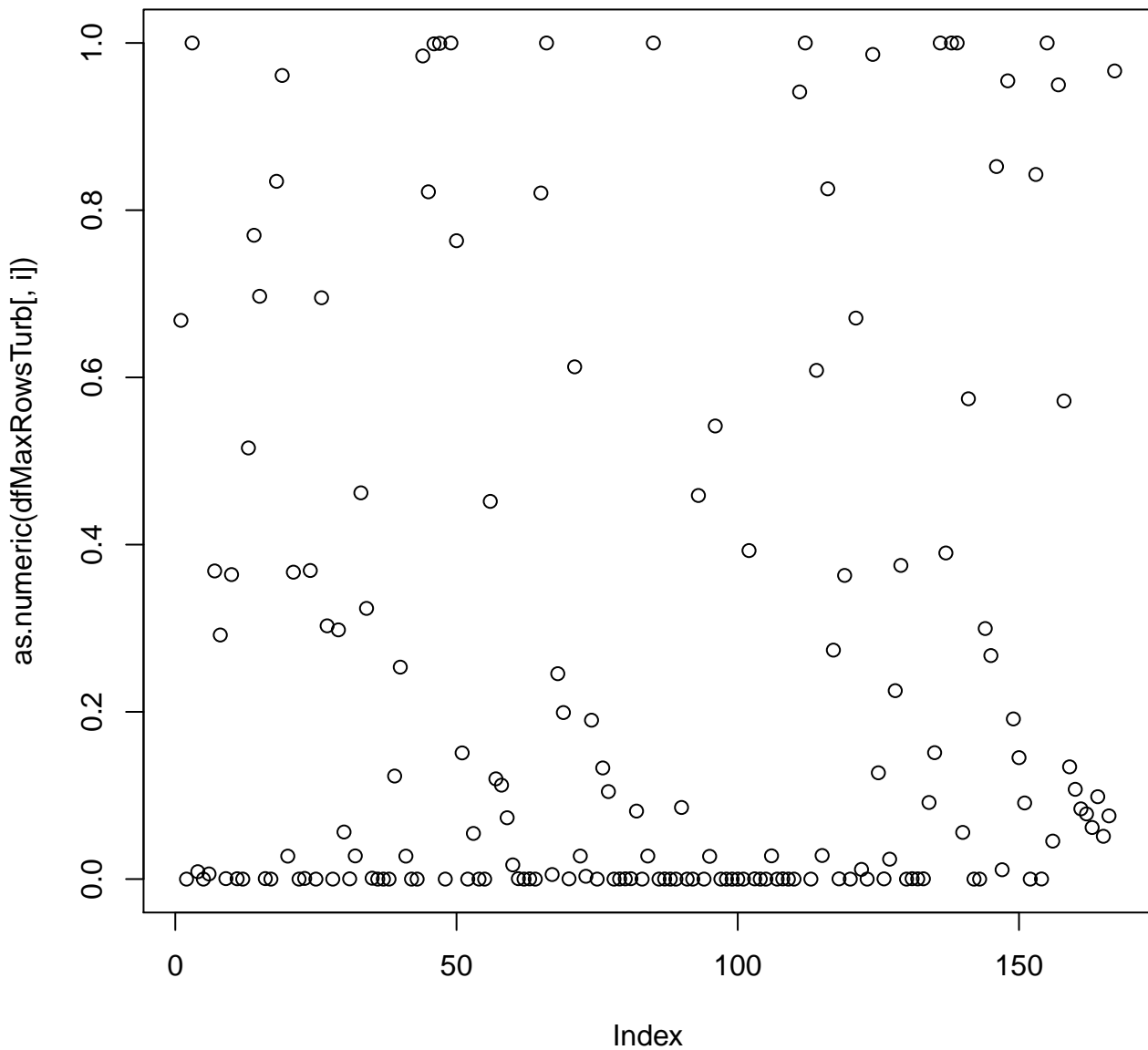
# Manitowoc\_Discharge\_Diff\_6



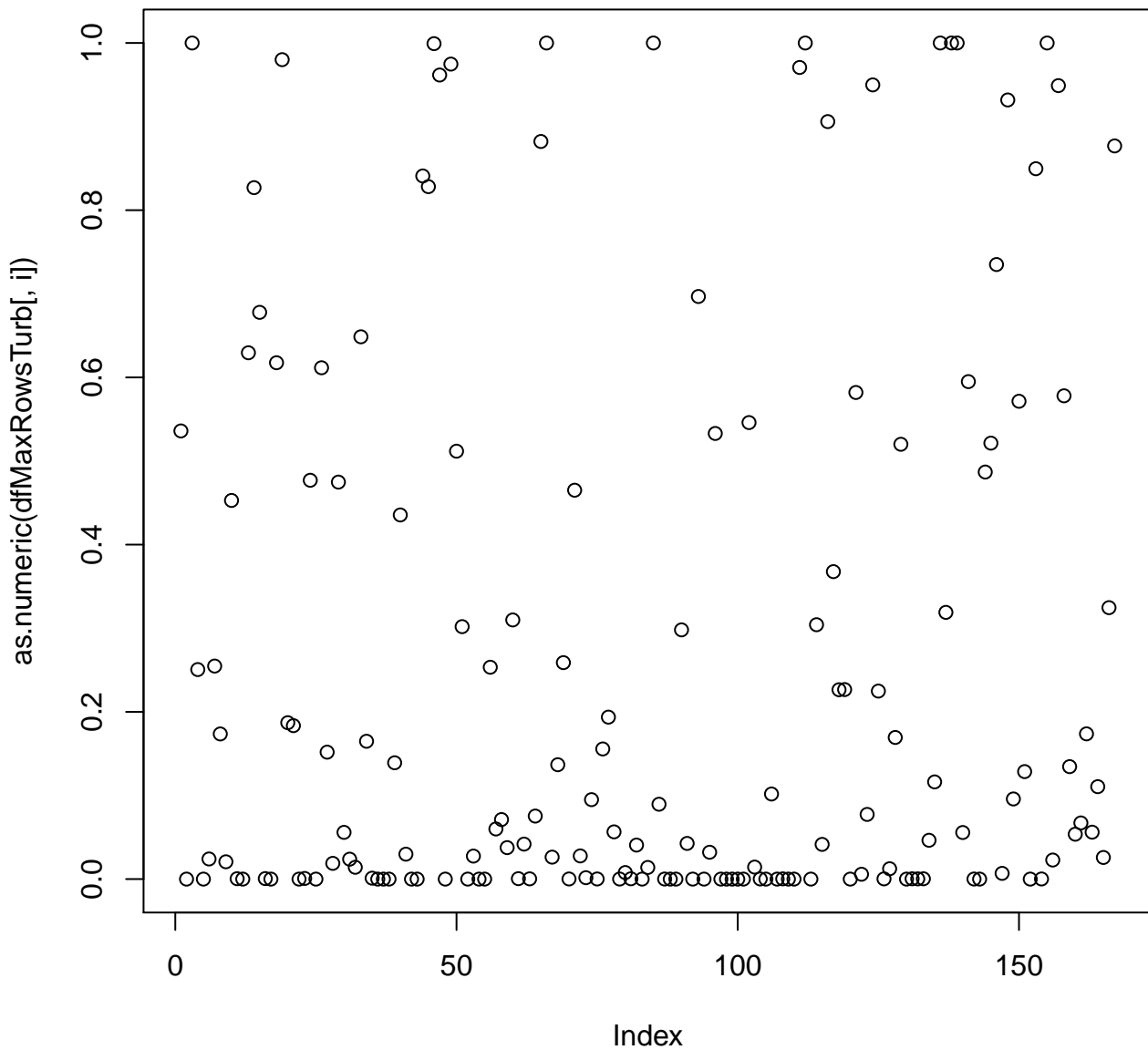
# Sheboygan\_Discharge\_Diff\_6



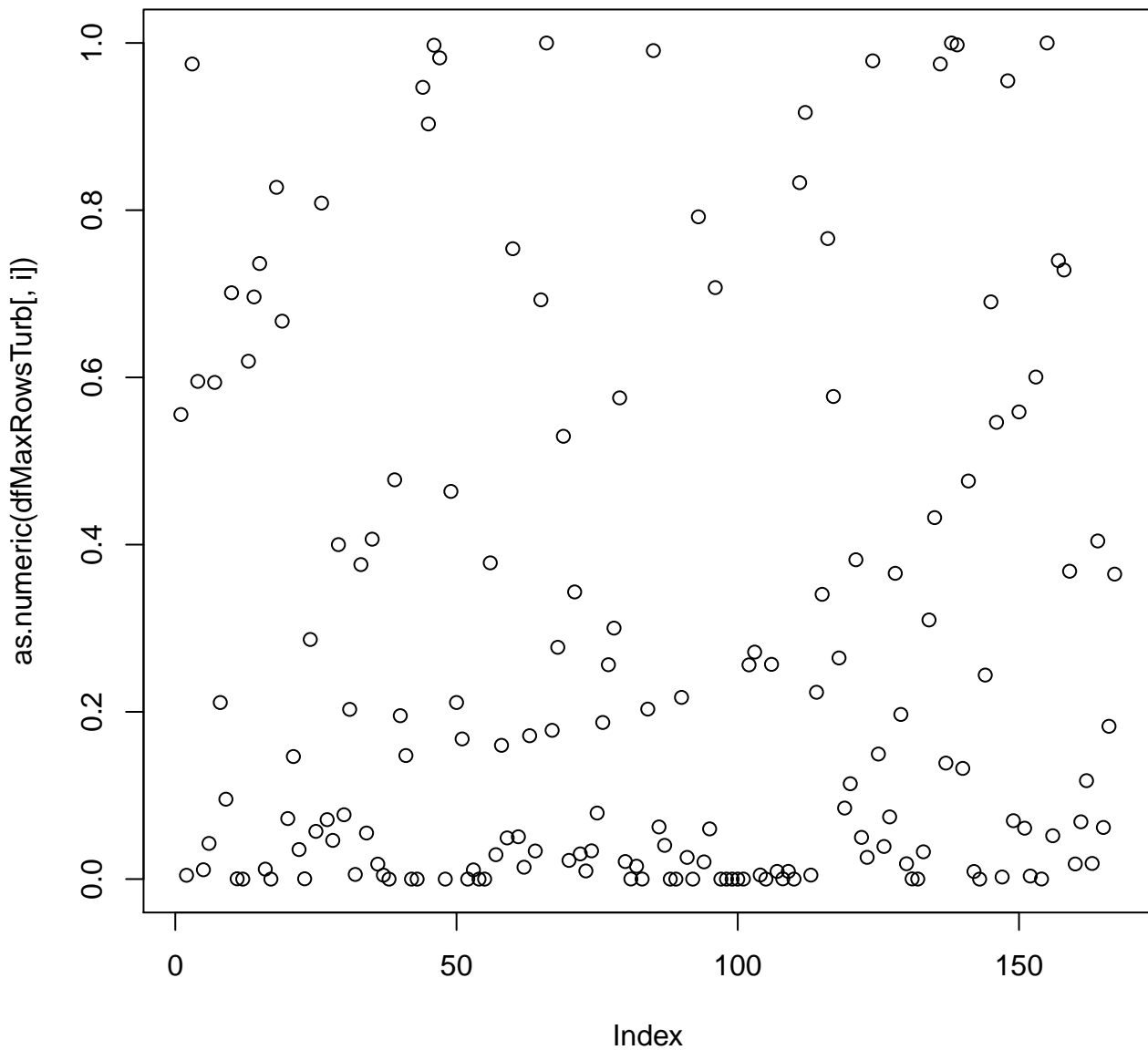
CloudCover\_Mean\_1



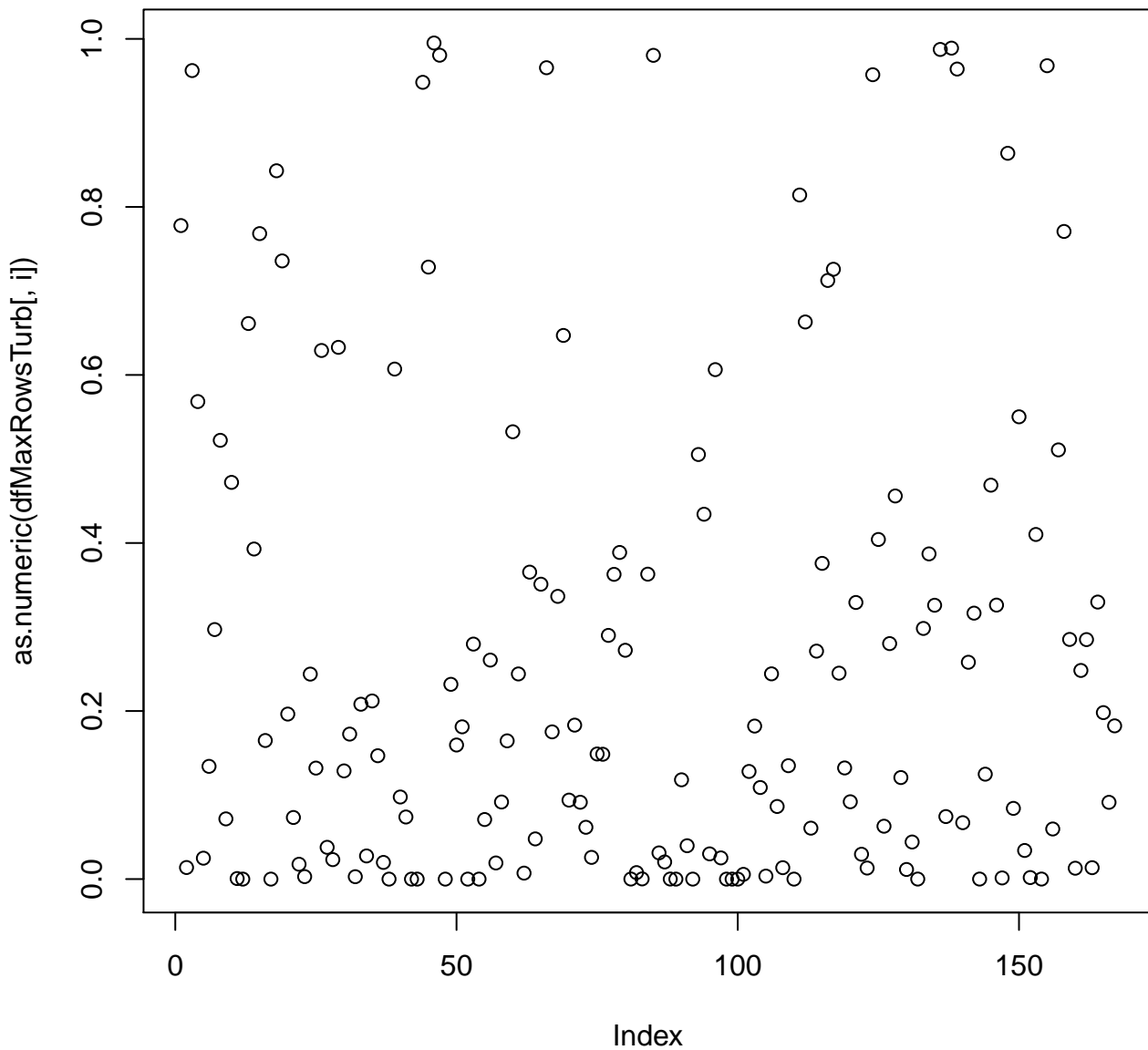
CloudCover\_Mean\_2



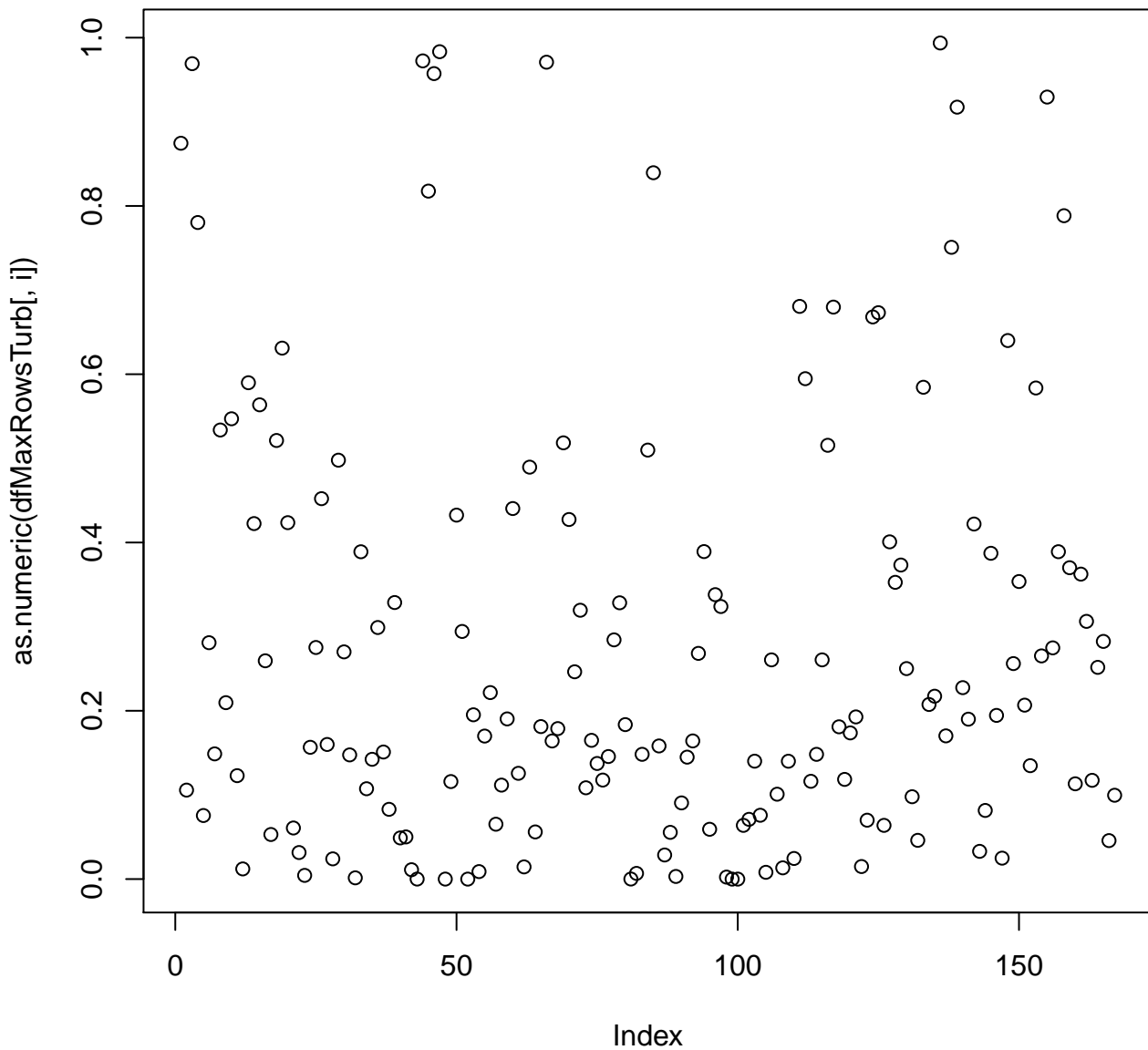
CloudCover\_Mean\_6



CloudCover\_Mean\_12

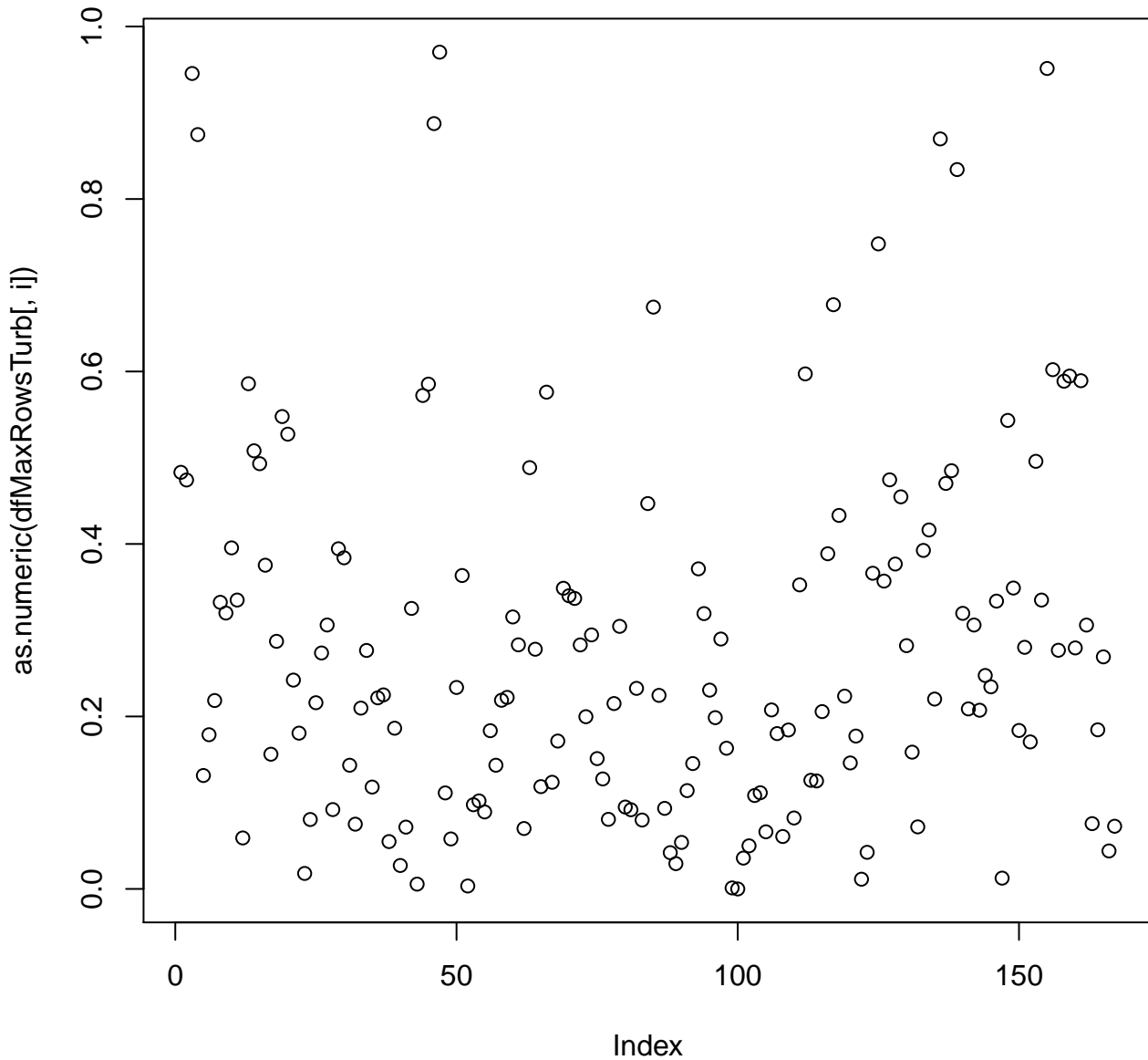


CloudCover\_Mean\_24

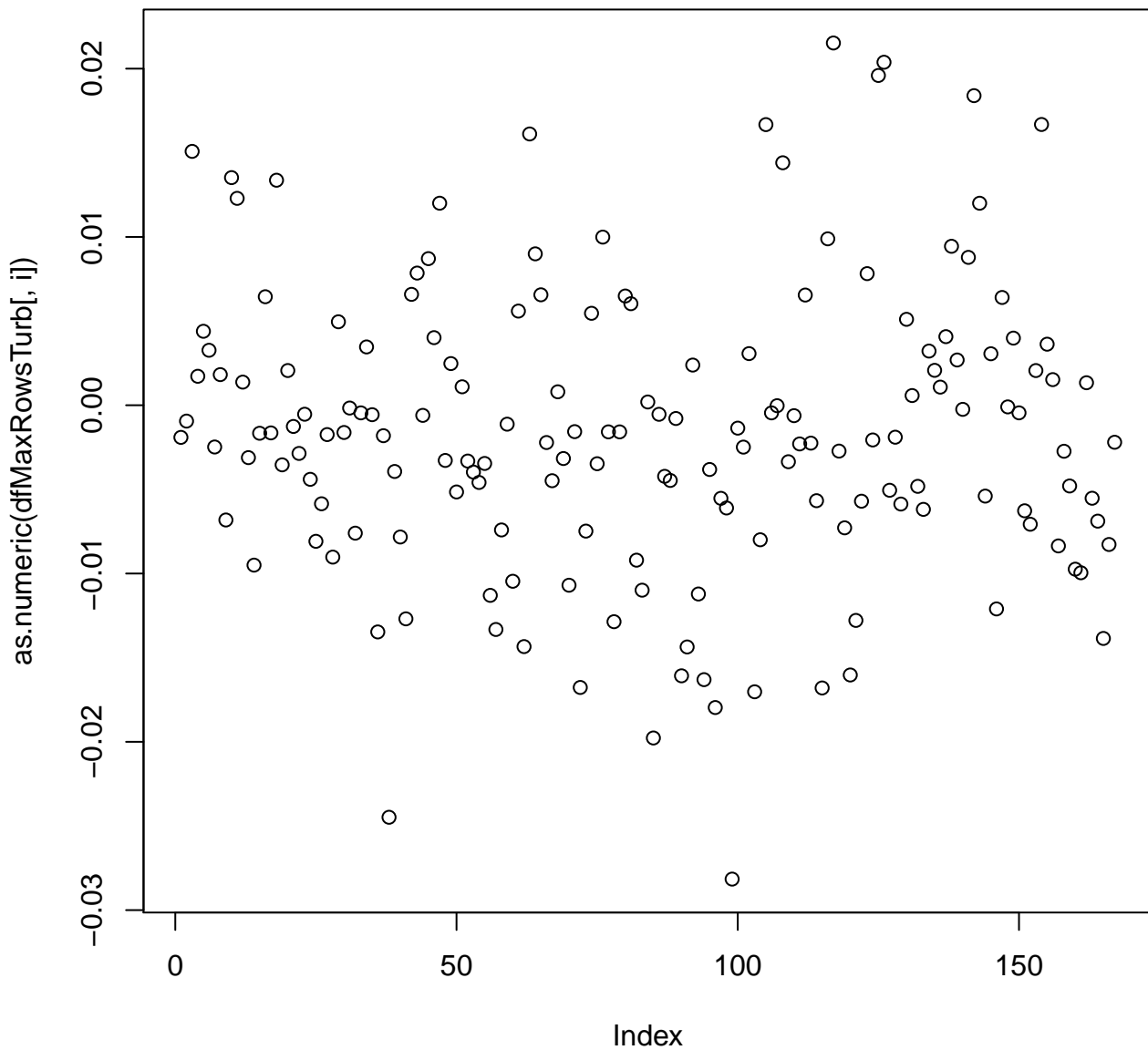




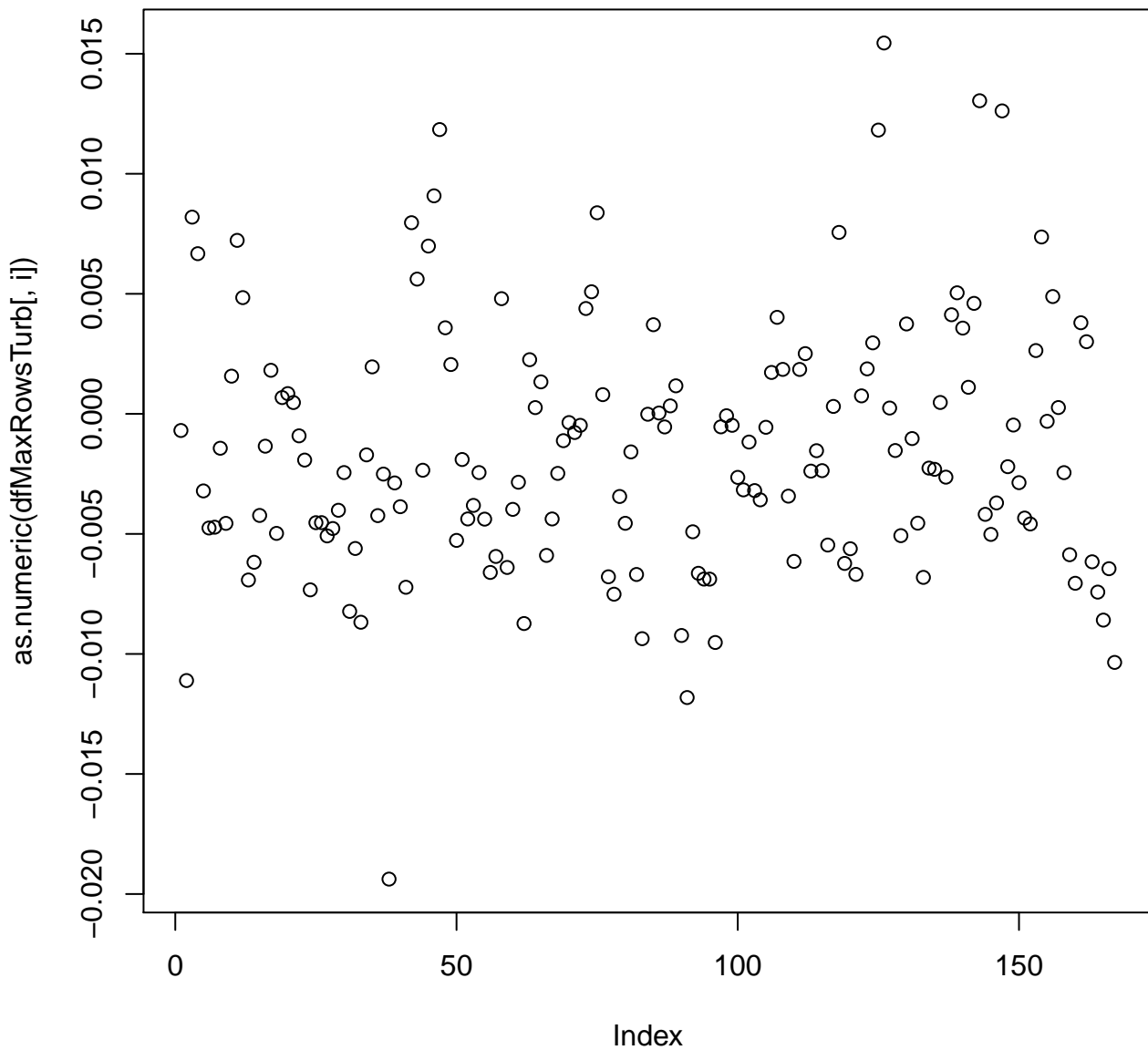
CloudCover\_Mean\_48



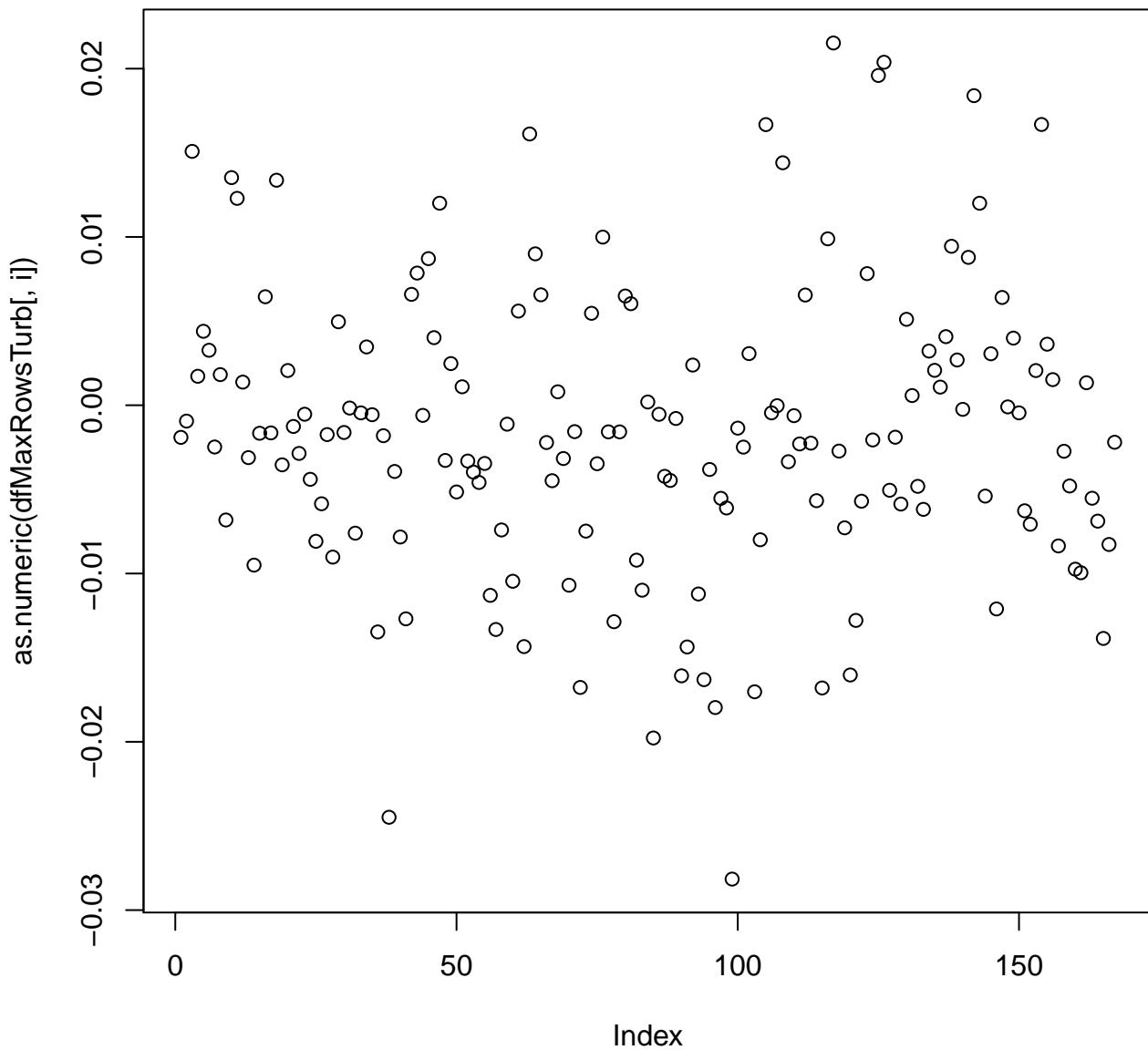
# HeightAboveSeaLevel\_Mean\_1



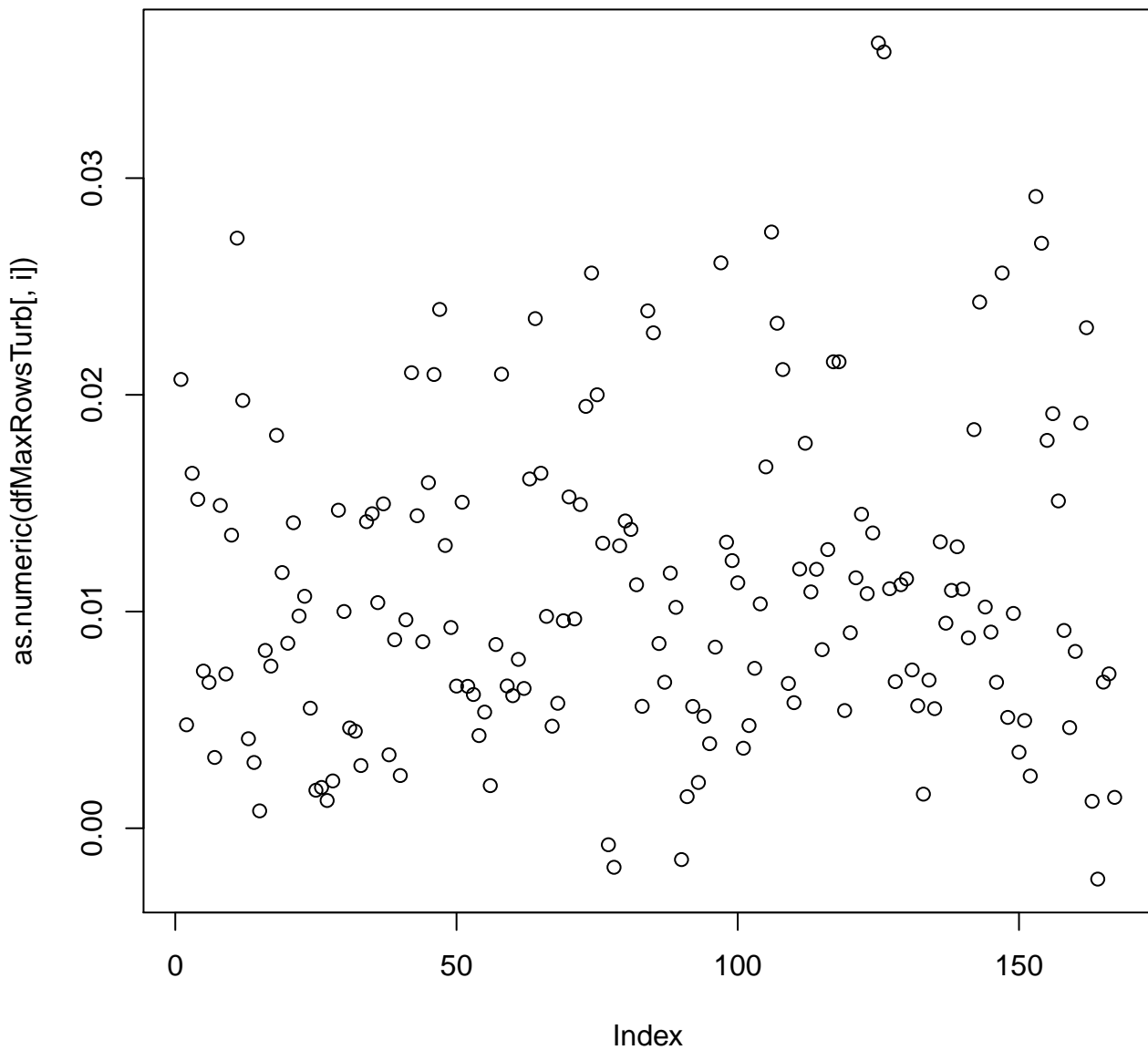
**HeightAboveSeaLevel\_Mean\_24**



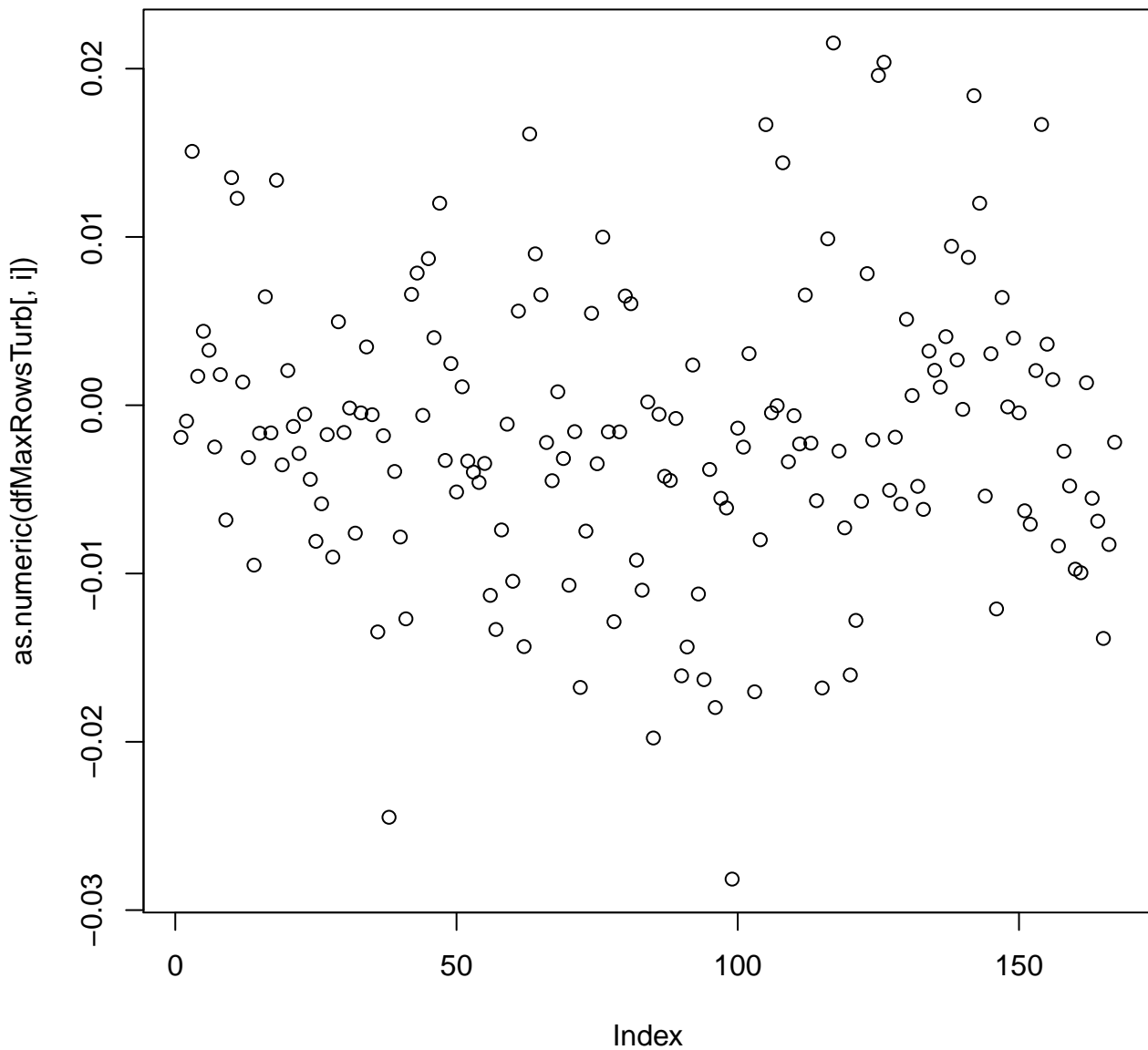
# HeightAboveSeaLevel\_Max\_1



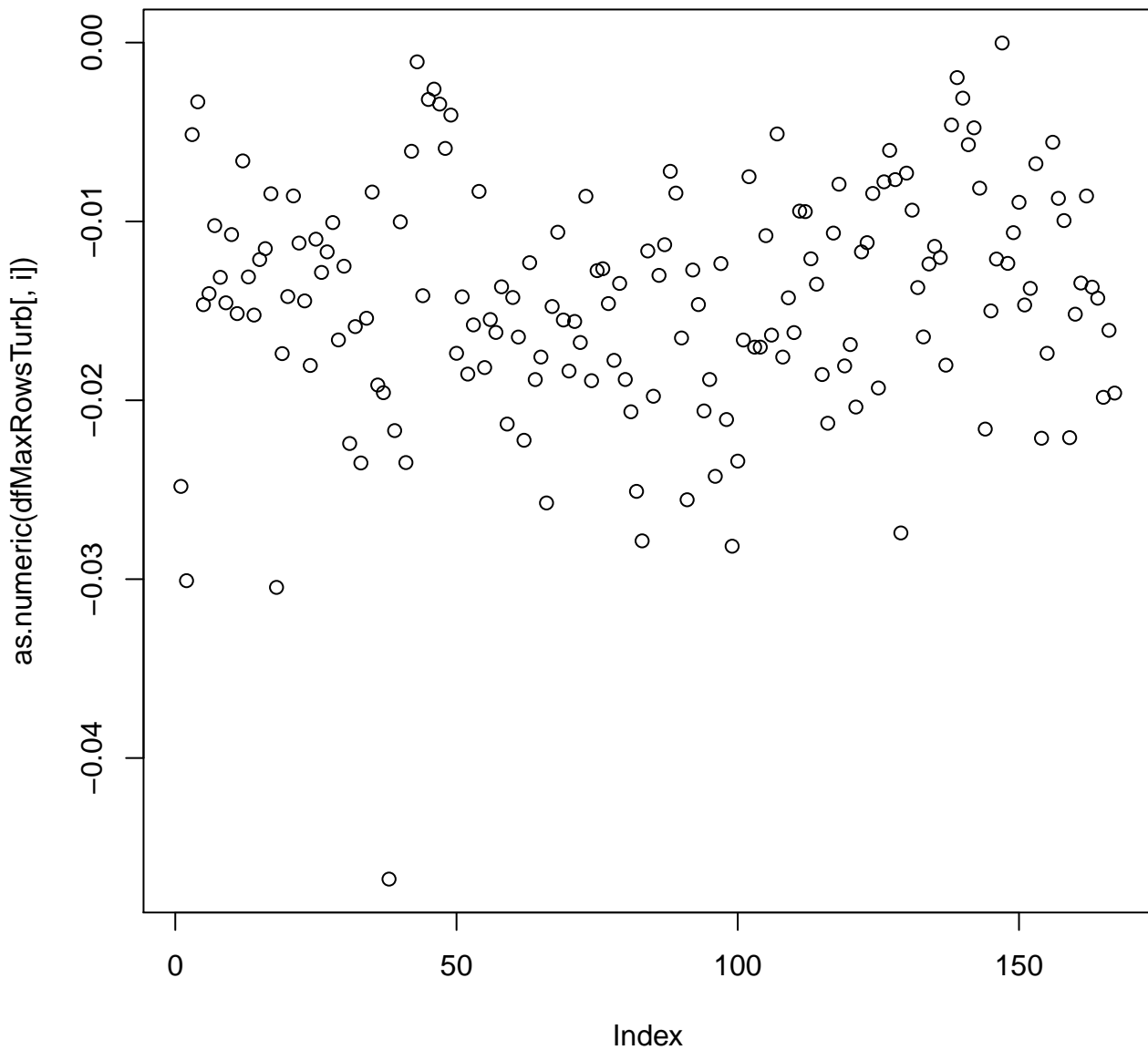
# HeightAboveSeaLevel\_Max\_24



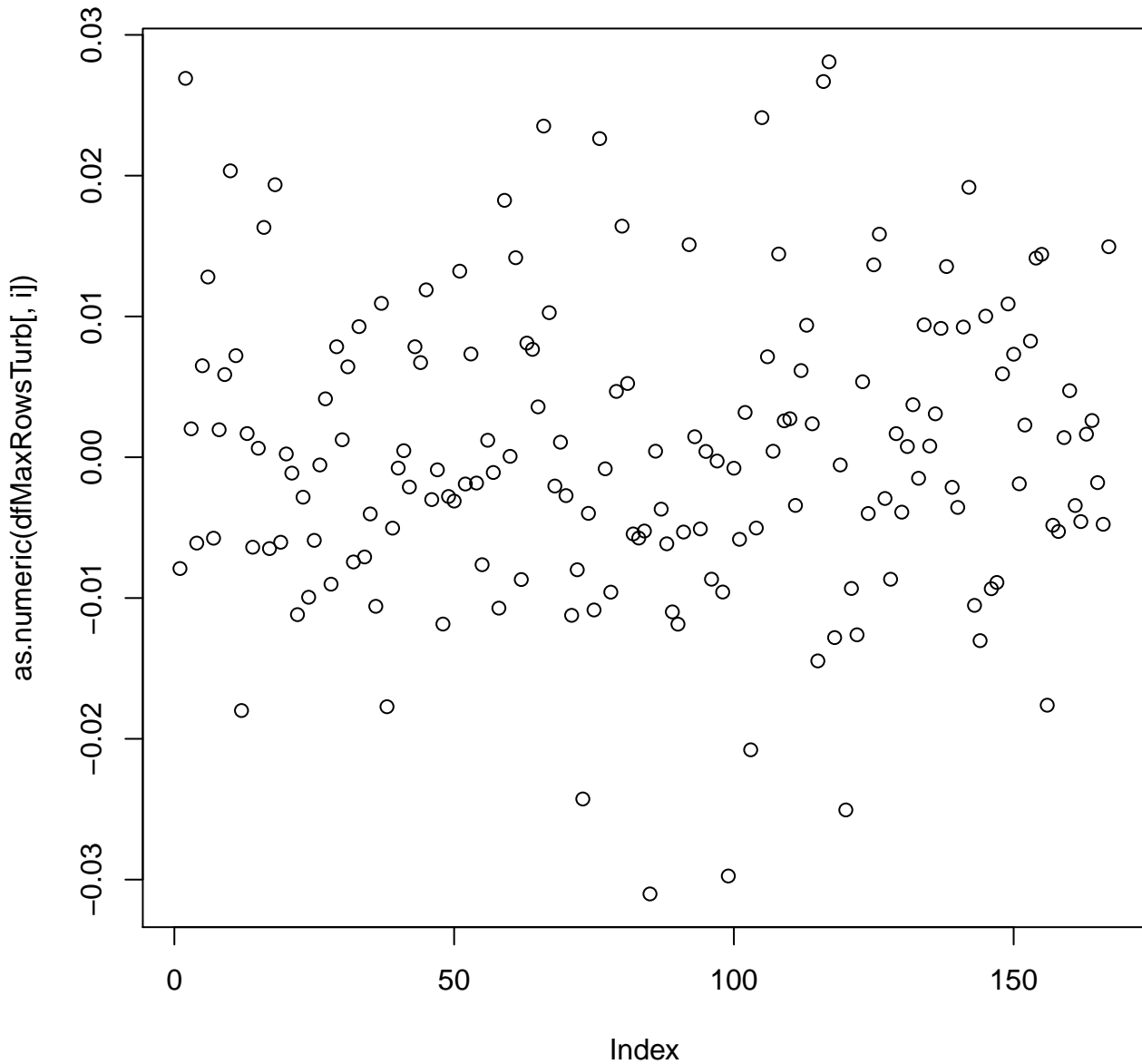
# HeightAboveSeaLevel\_Min\_1



# HeightAboveSeaLevel\_Min\_24

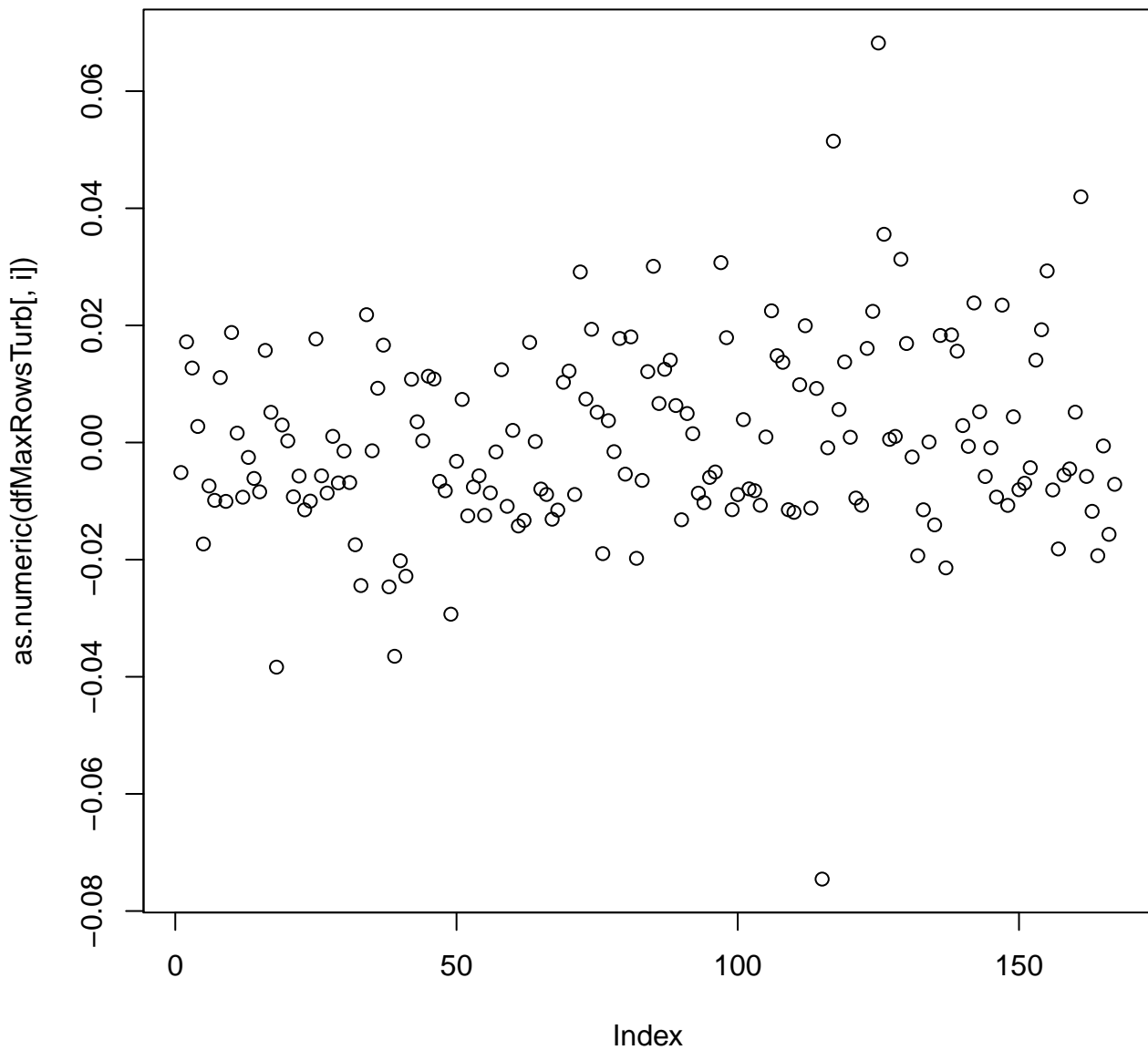


# HeightAboveSeaLevel\_Diff\_24

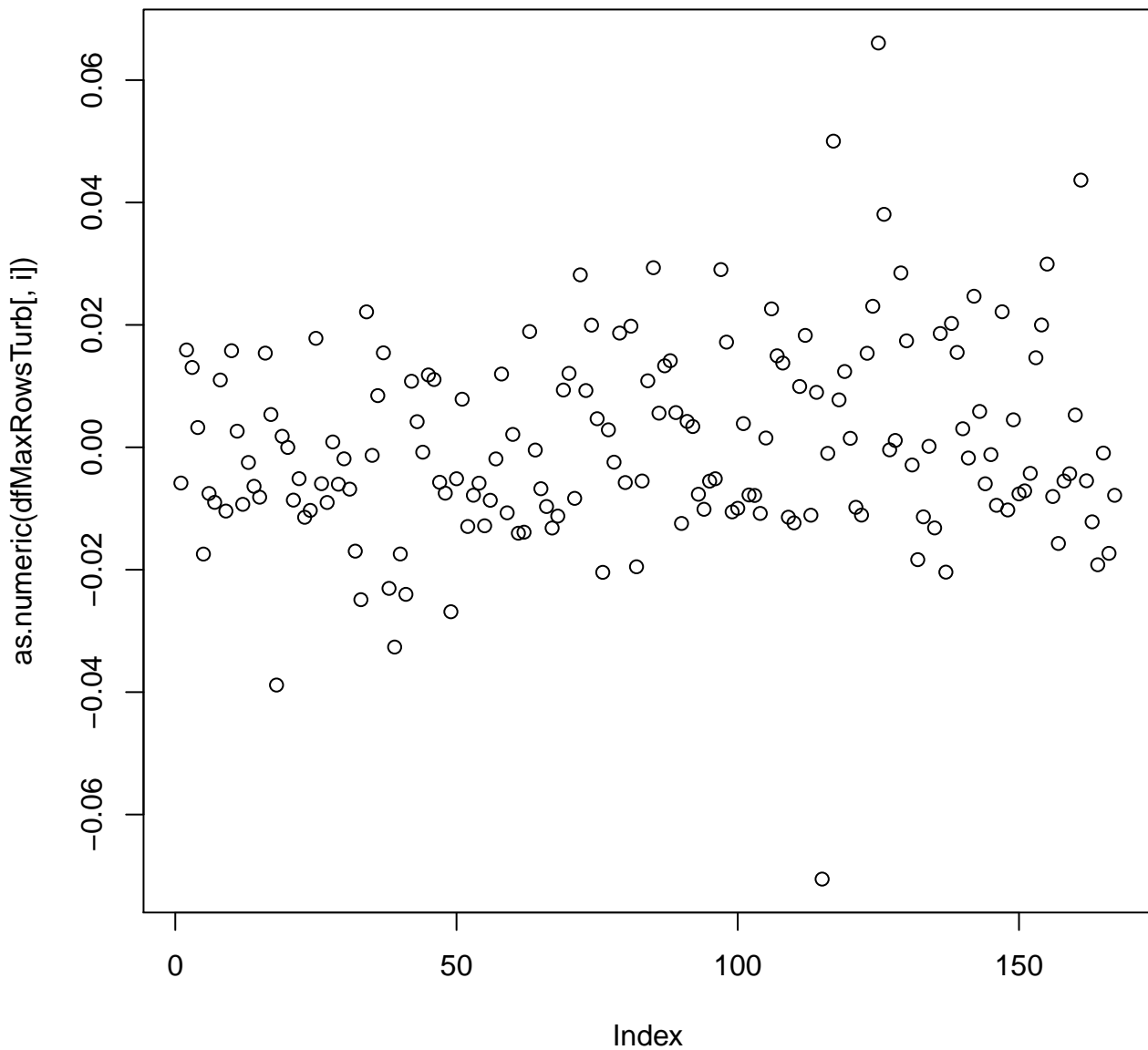




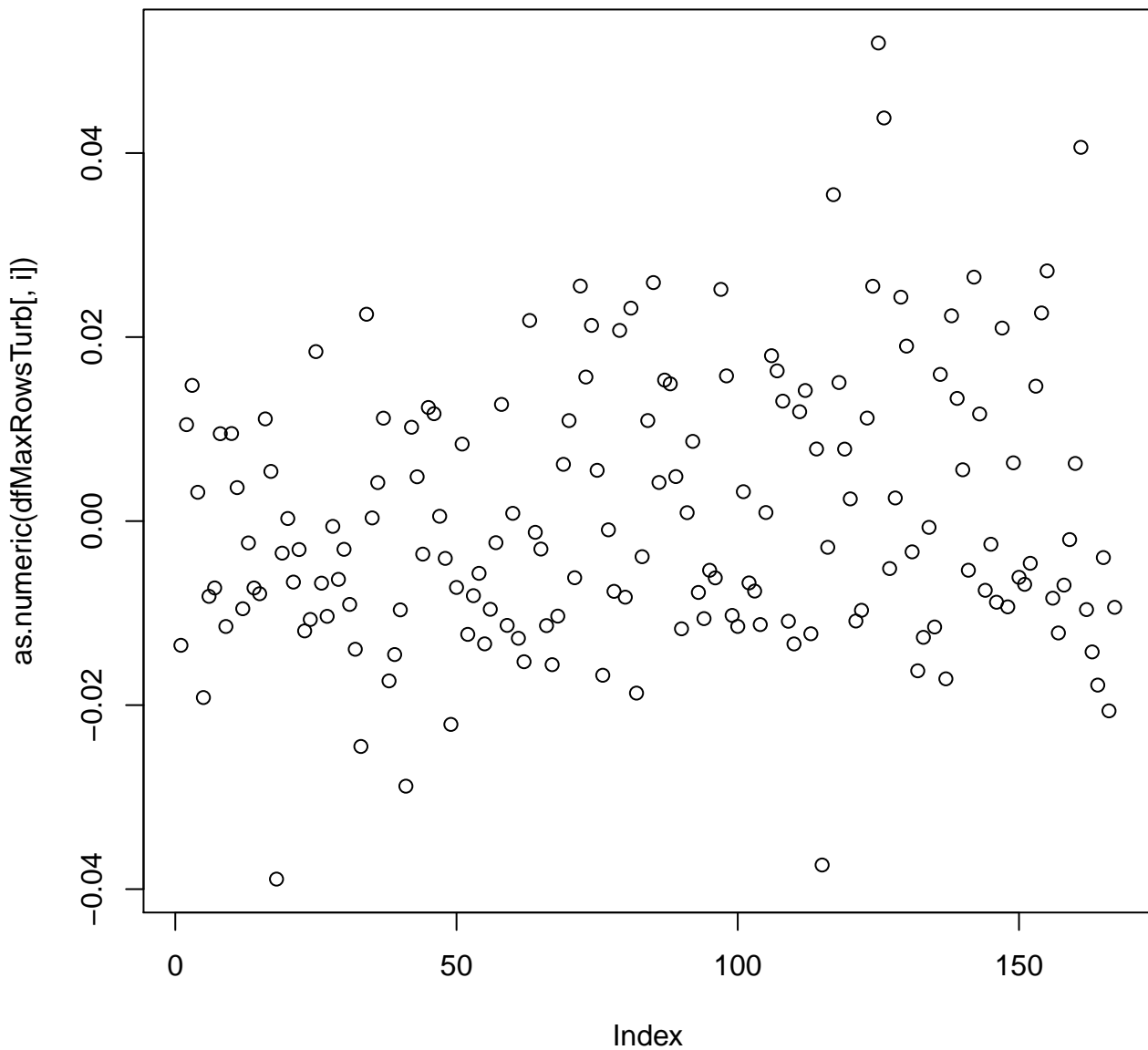
# CurrentDepthAveraged\_Mean\_1\_perp



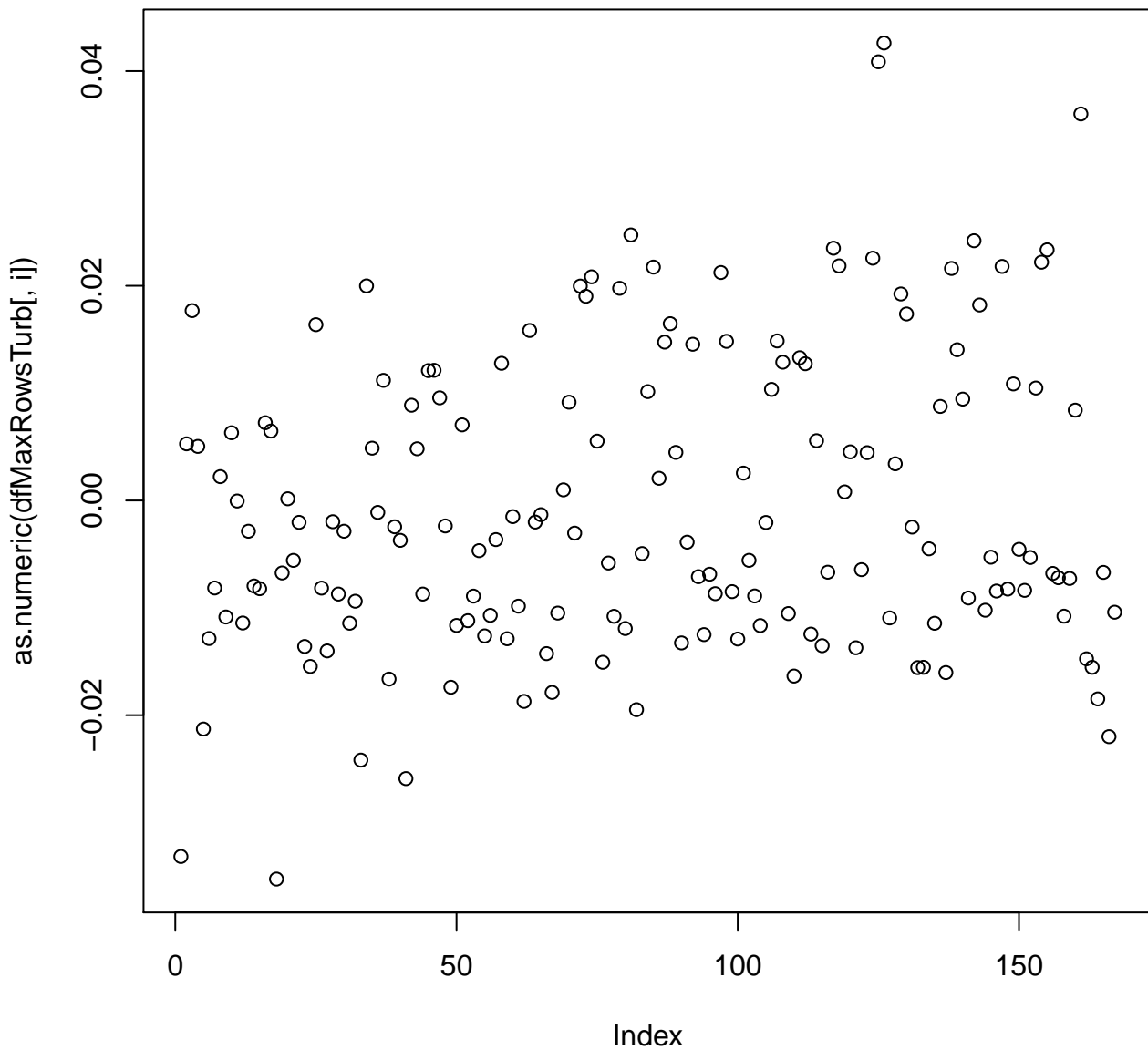
**CurrentDepthAveraged\_Mean\_2\_perp**



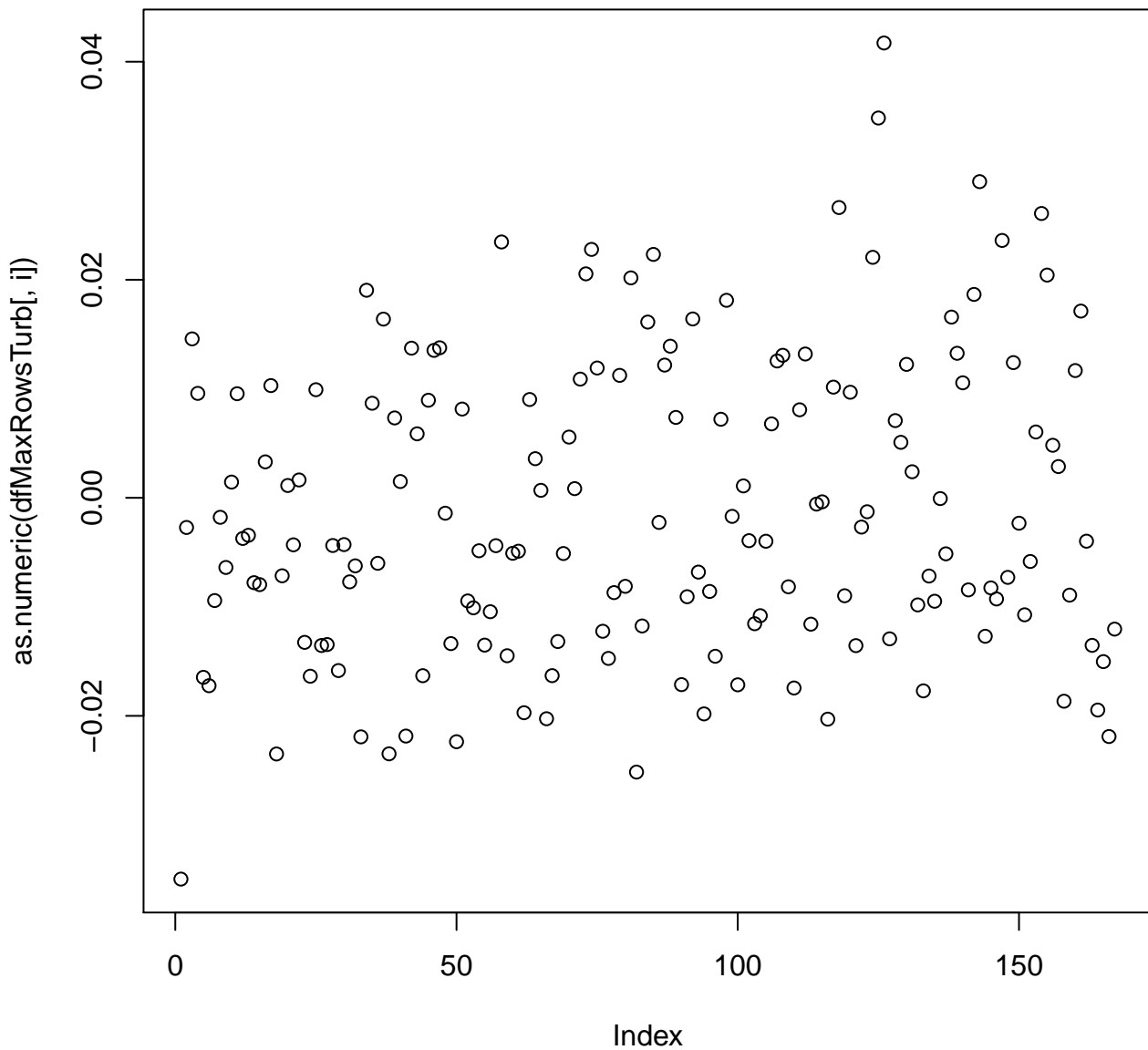
# CurrentDepthAveraged\_Mean\_6\_perp



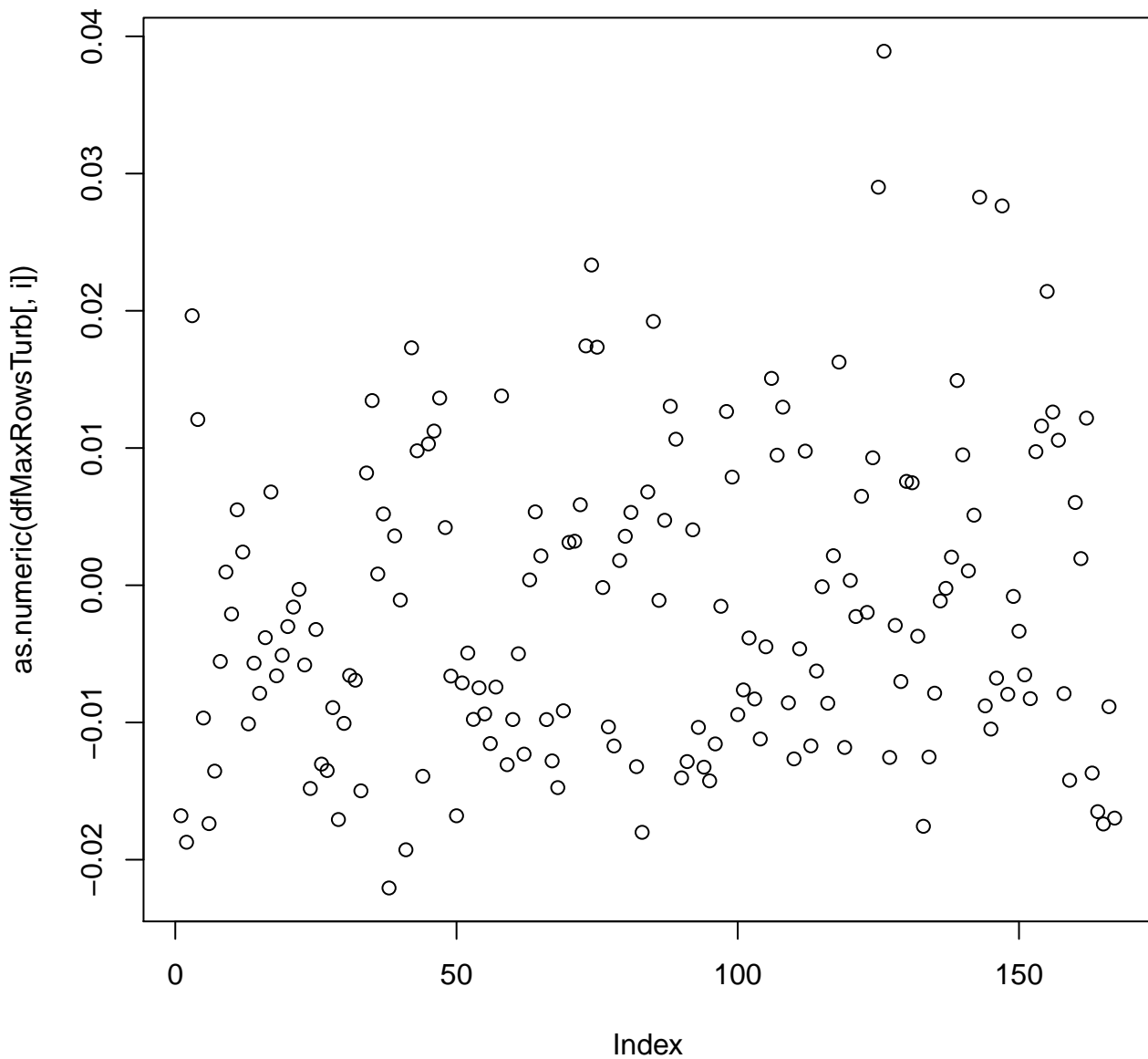
# CurrentDepthAveraged\_Mean\_12\_perp



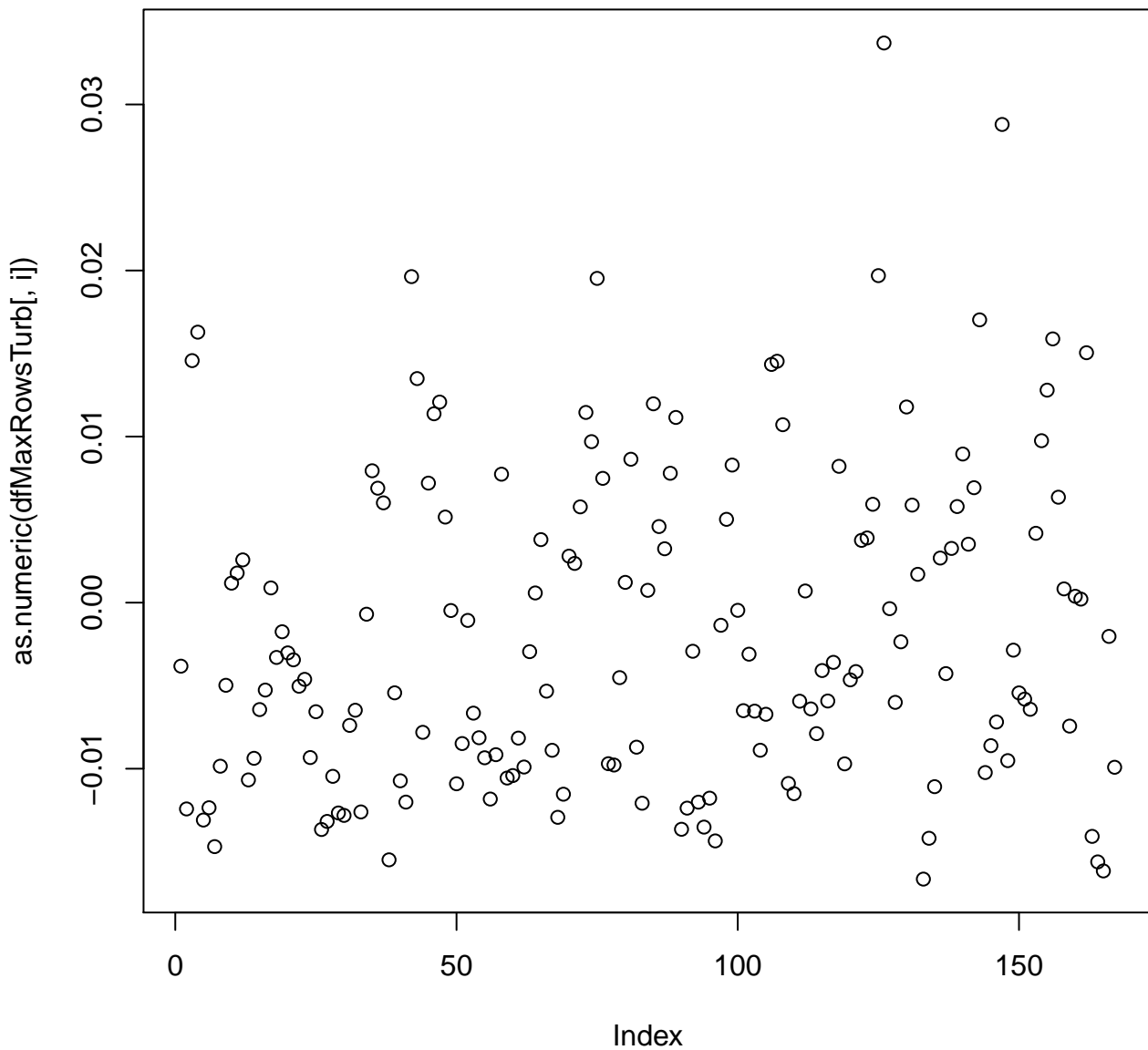
# CurrentDepthAveraged\_Mean\_24\_perp



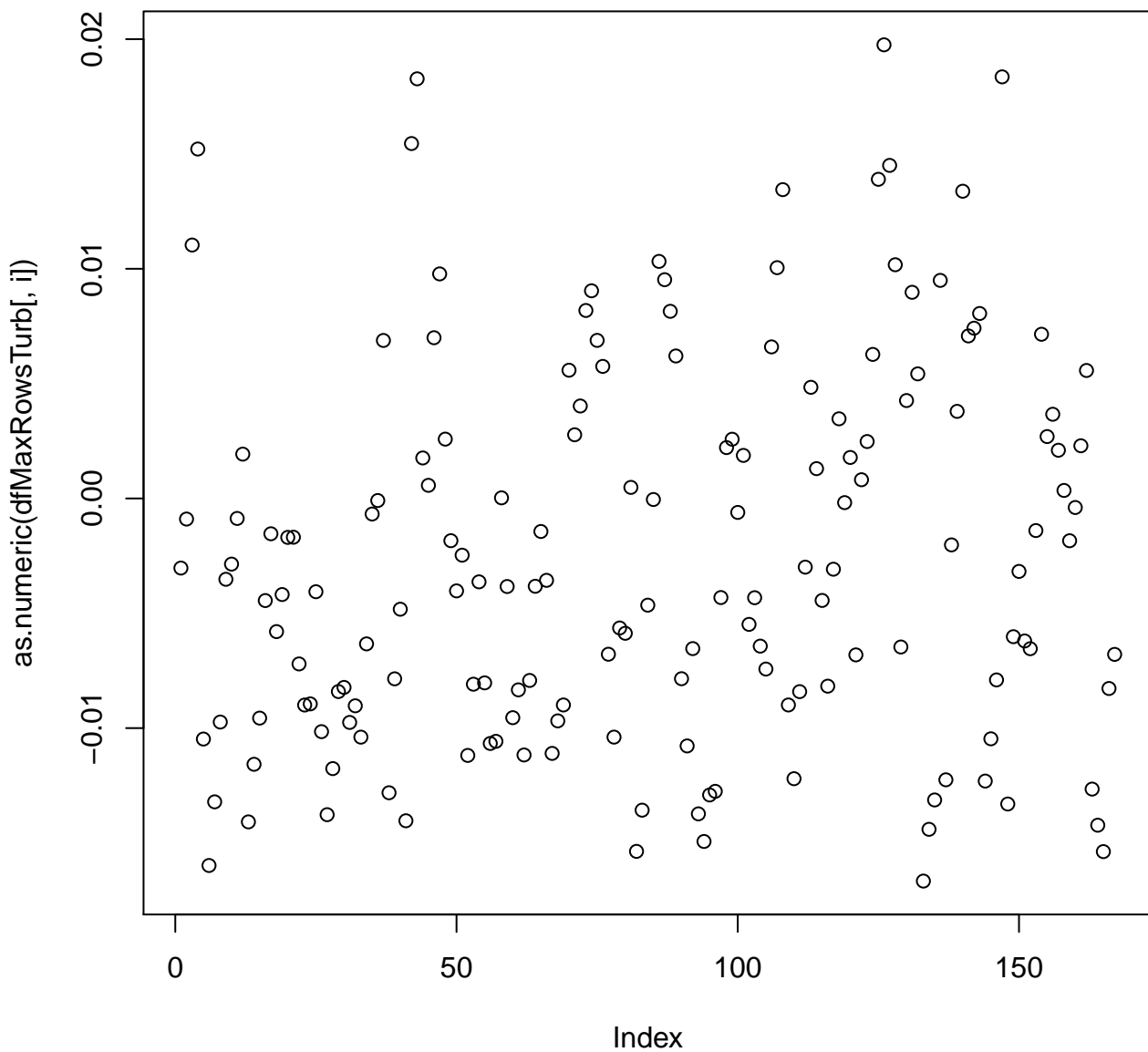
**CurrentDepthAveraged\_Mean\_48\_perp**



**CurrentDepthAveraged\_Mean\_72\_perp**

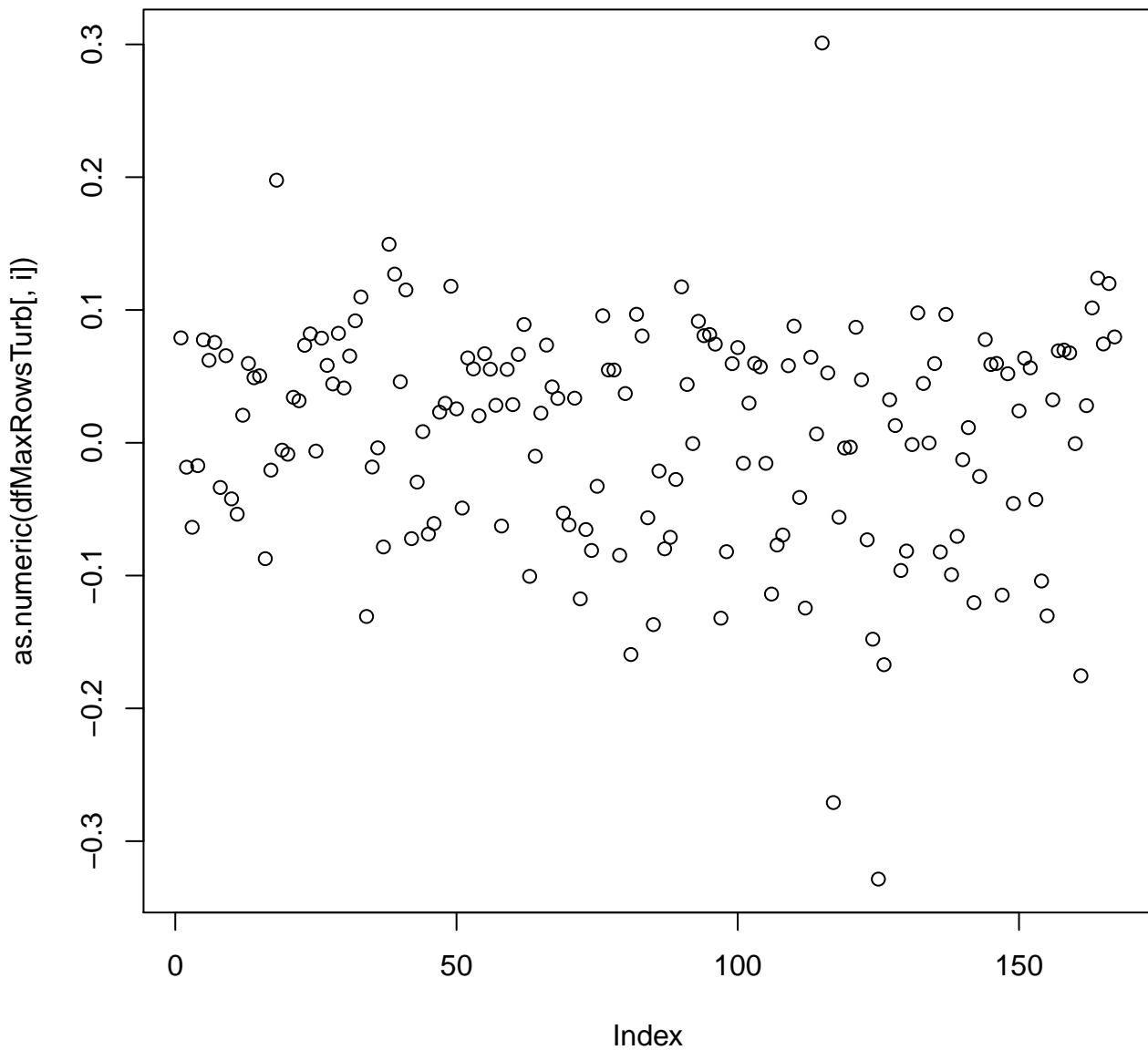


**CurrentDepthAveraged\_Mean\_120\_perp**

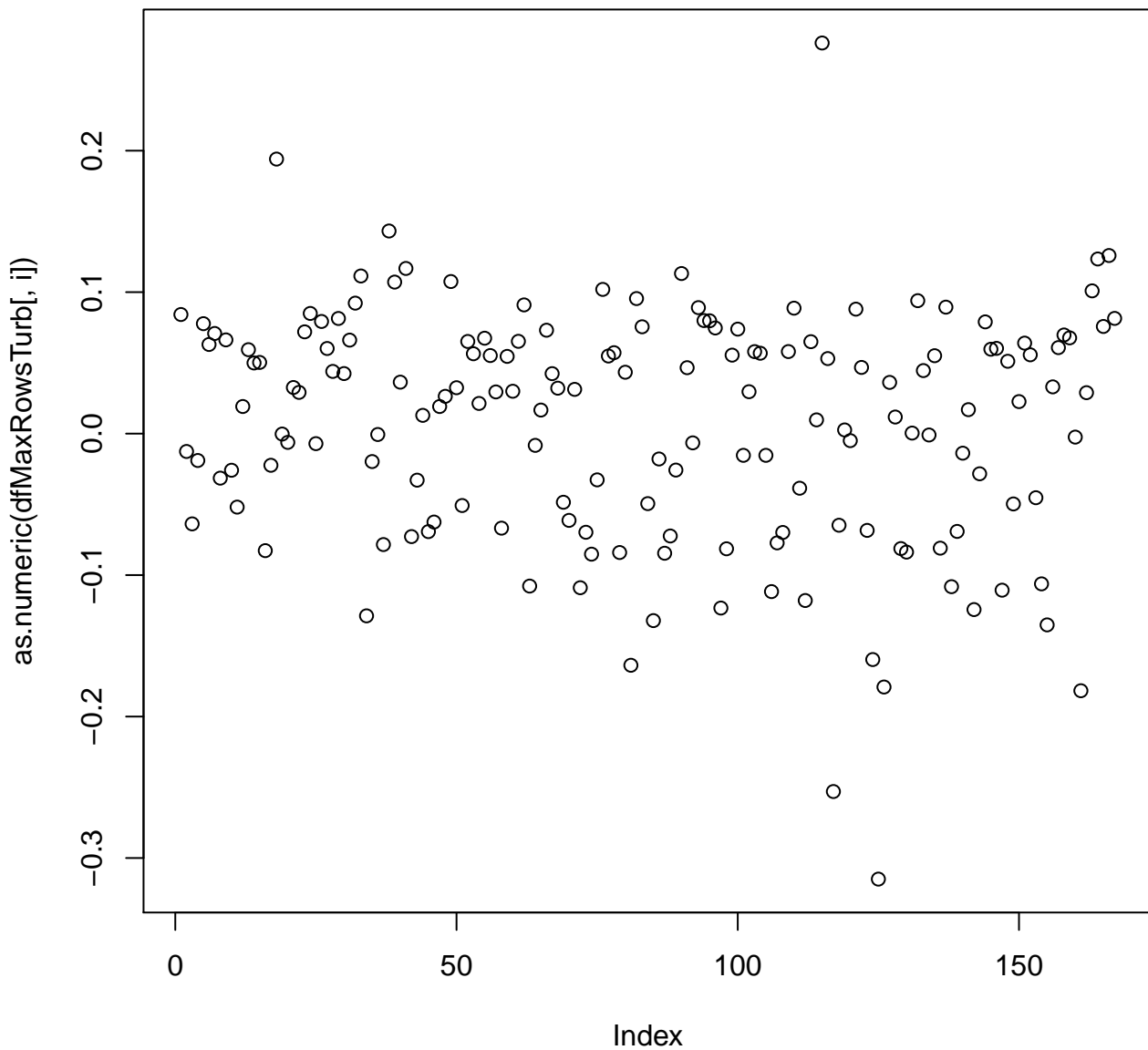




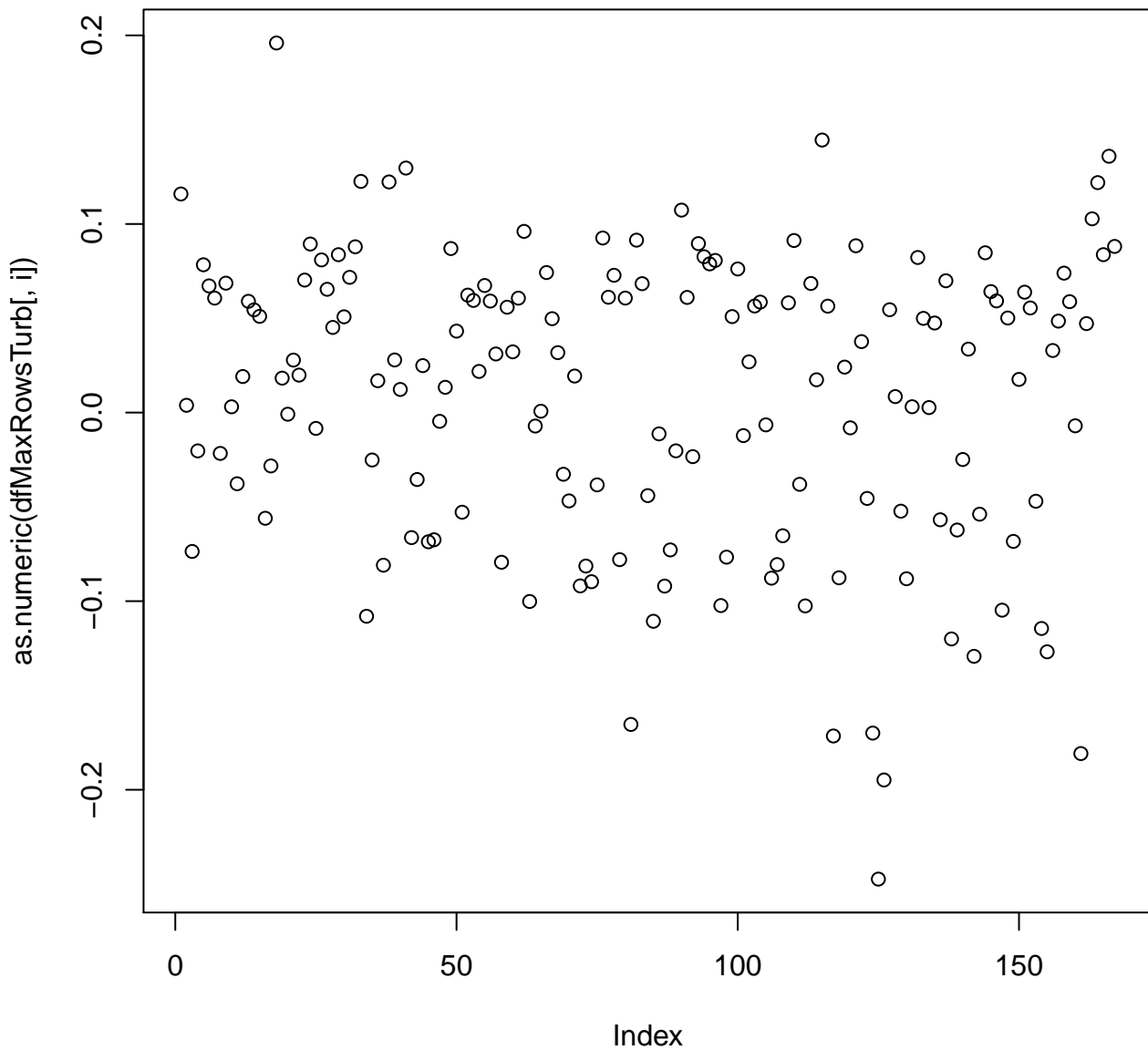
# CurrentDepthAveraged\_Mean\_1\_par



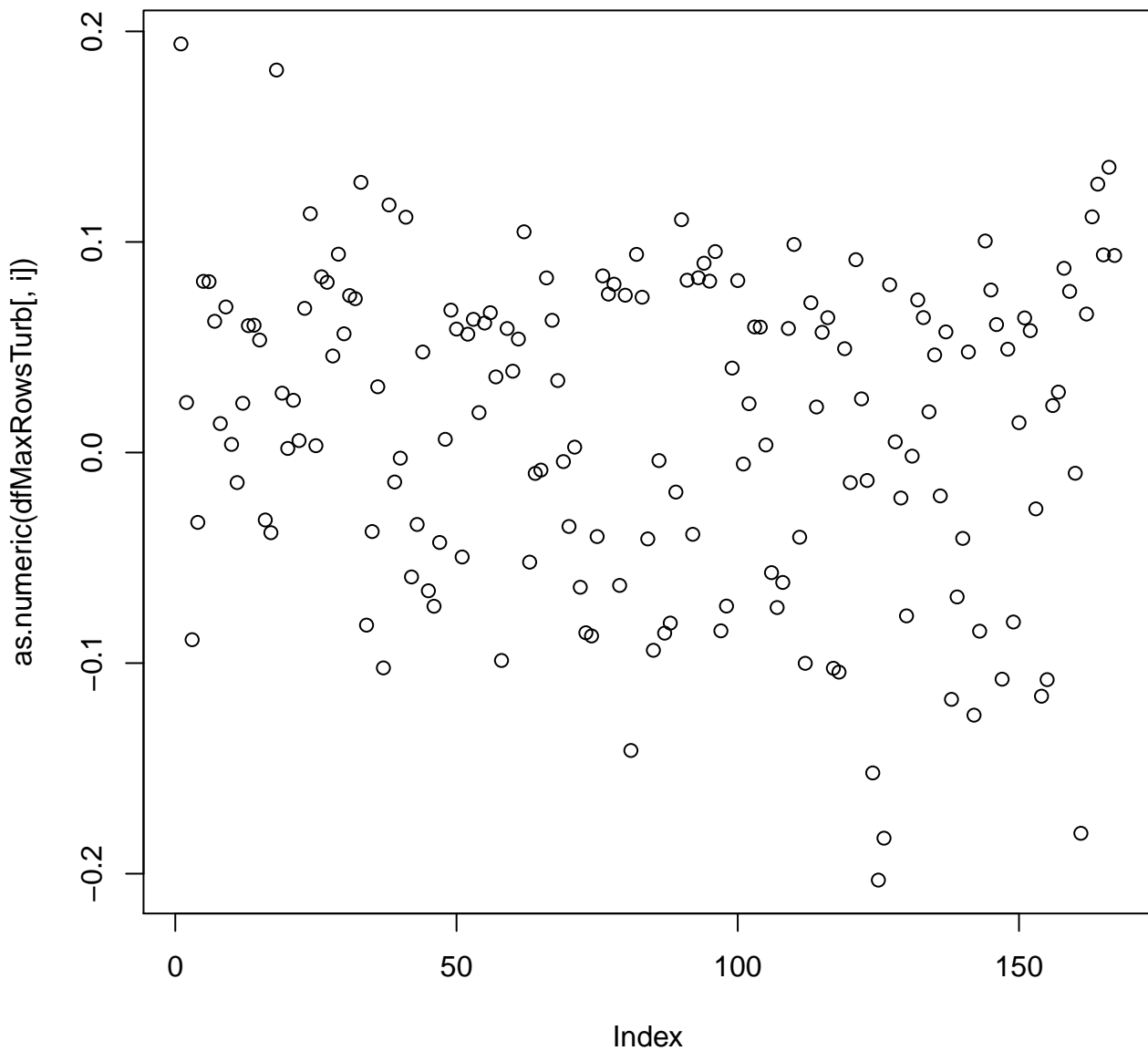
CurrentDepthAveraged\_Mean\_2\_par



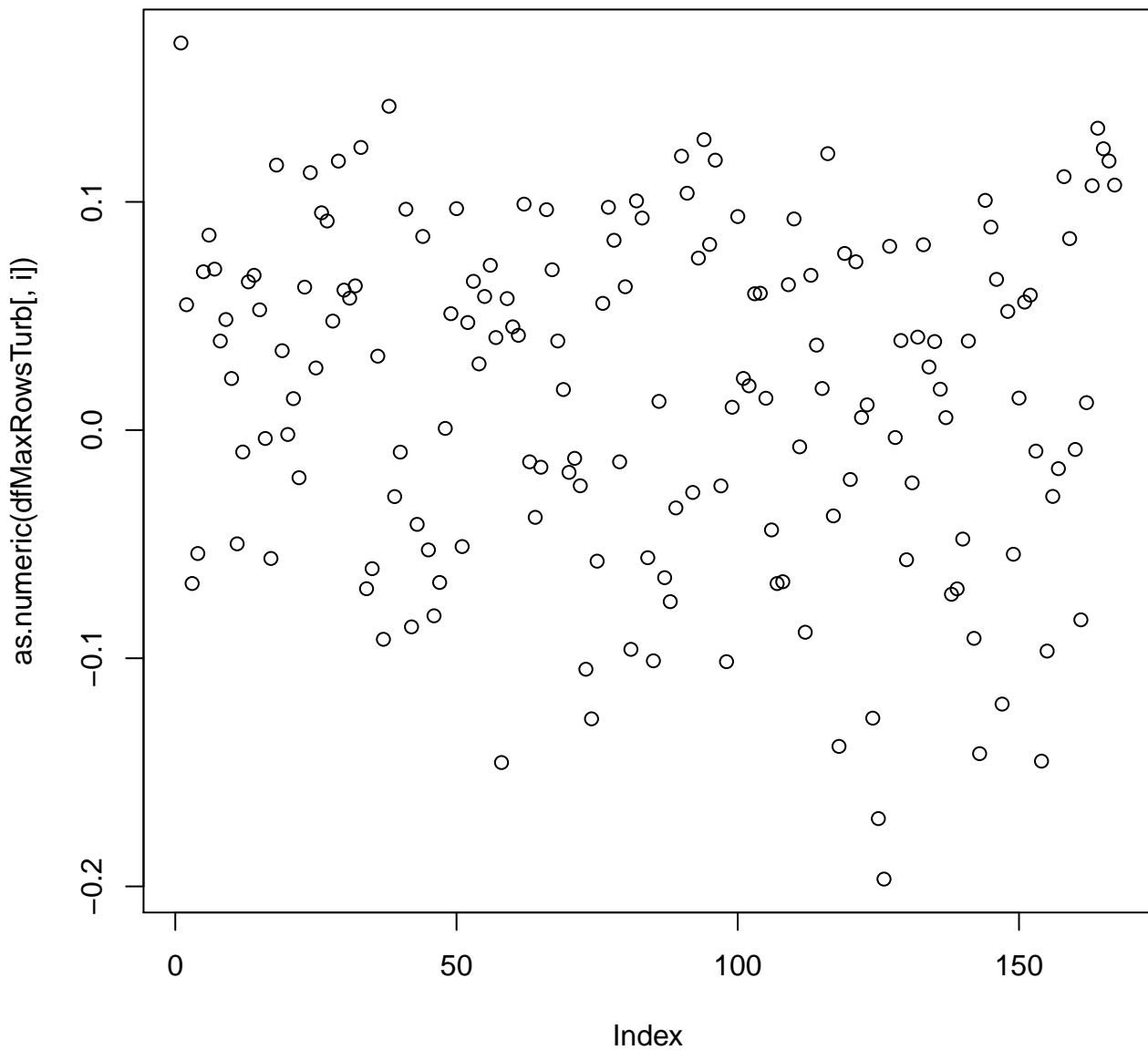
**CurrentDepthAveraged\_Mean\_6\_par**



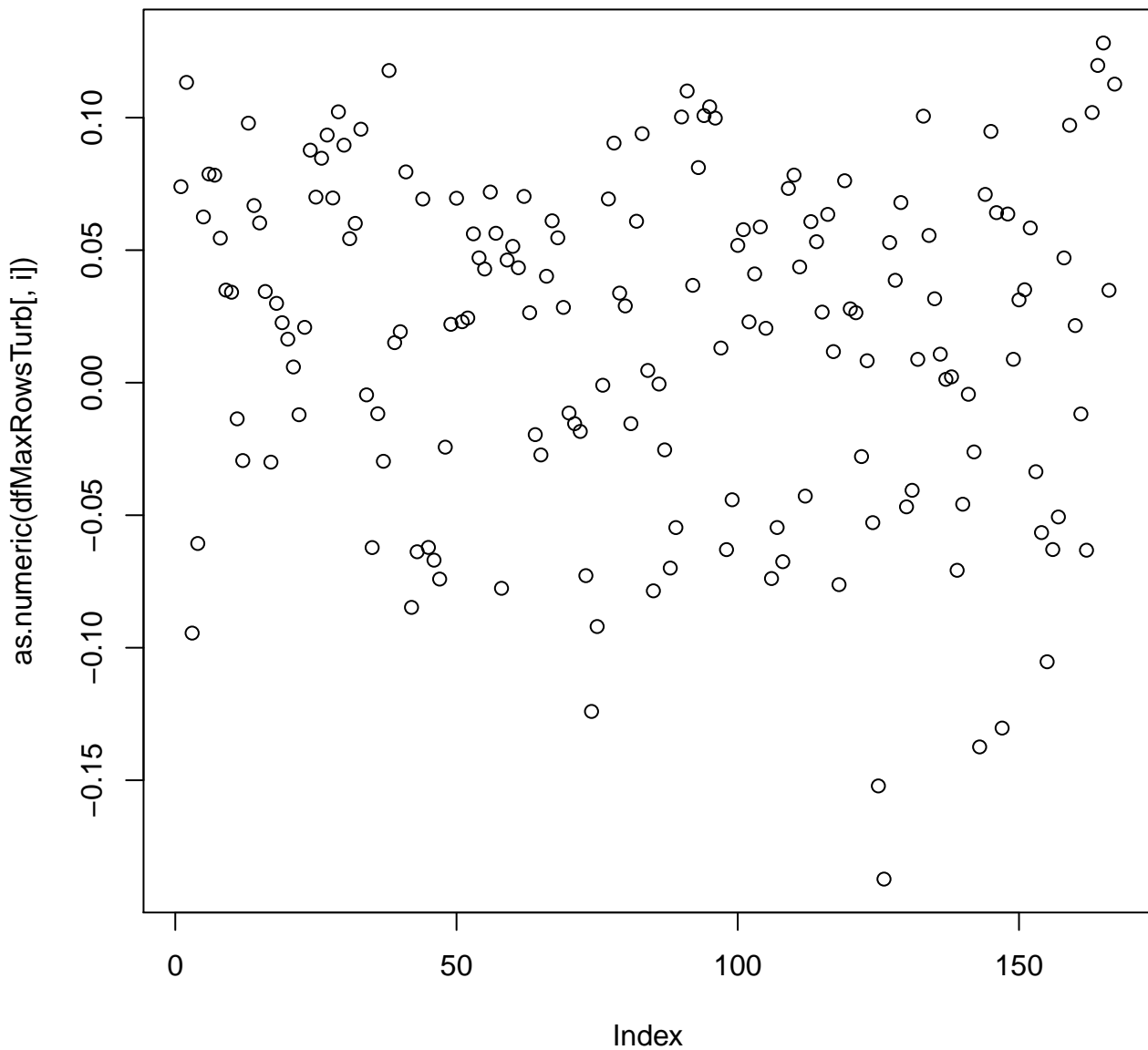
**CurrentDepthAveraged\_Mean\_12\_par**



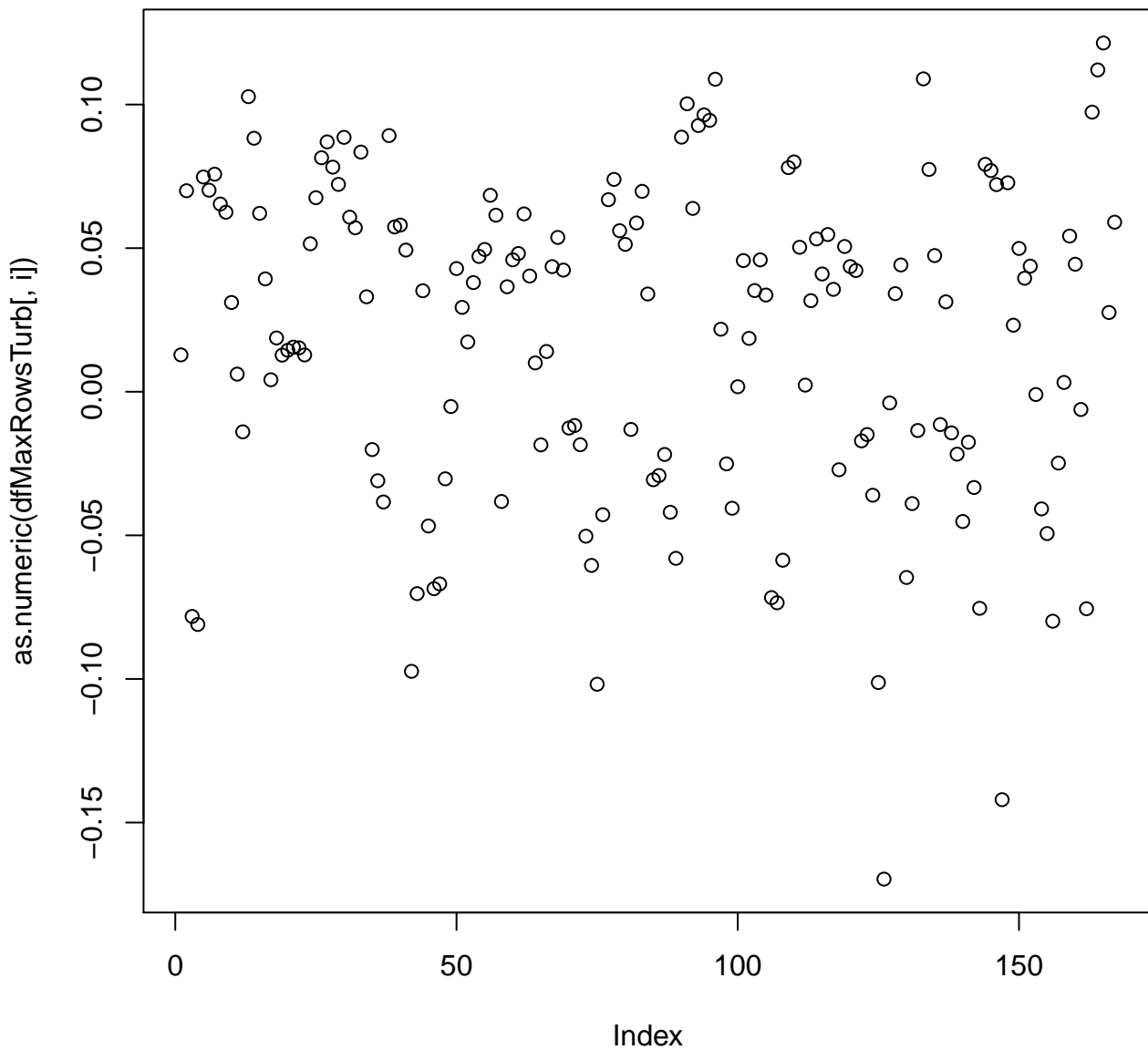
# CurrentDepthAveraged\_Mean\_24\_par



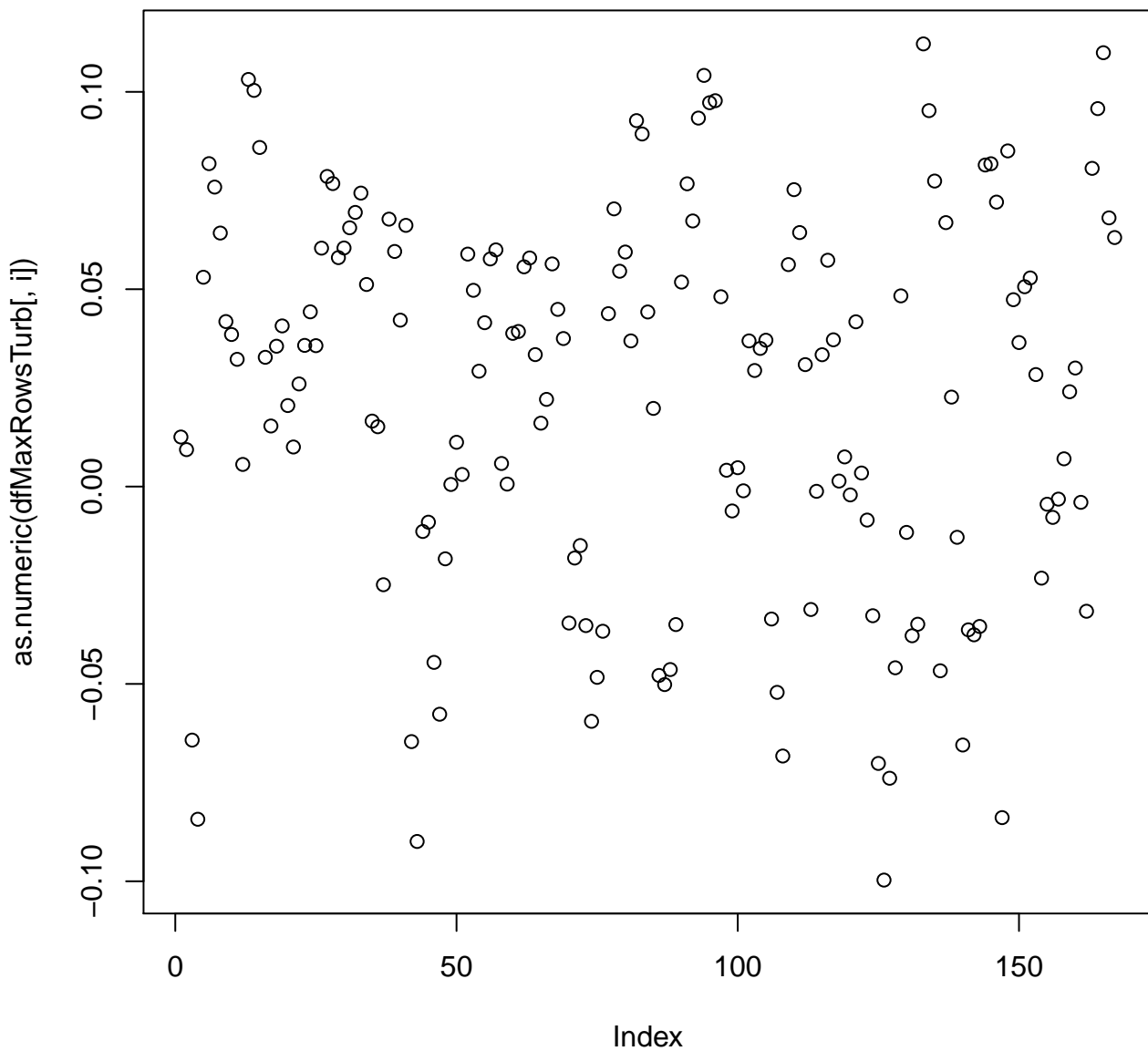
**CurrentDepthAveraged\_Mean\_48\_par**



# CurrentDepthAveraged\_Mean\_72\_par

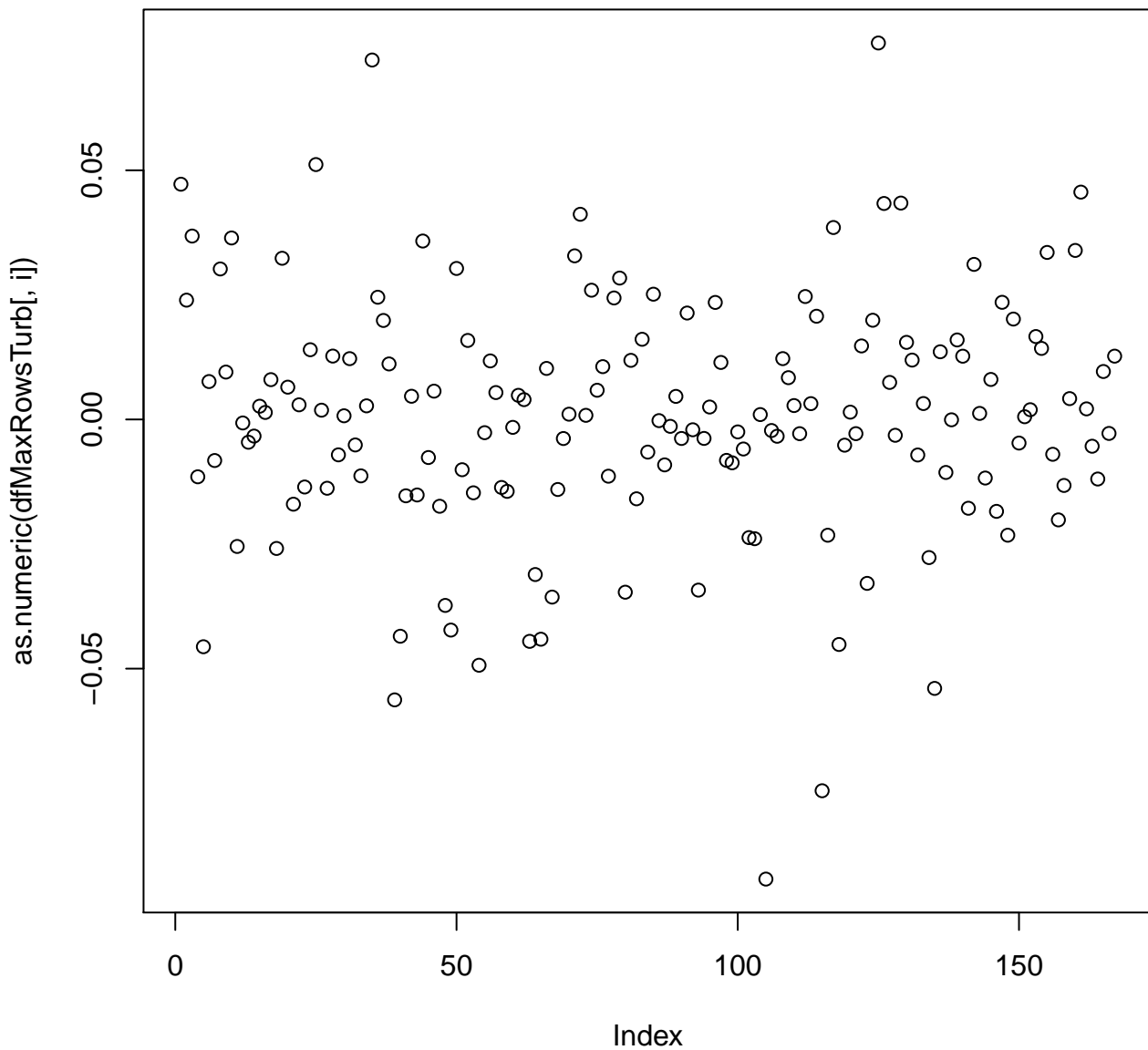


**CurrentDepthAveraged\_Mean\_120\_par**

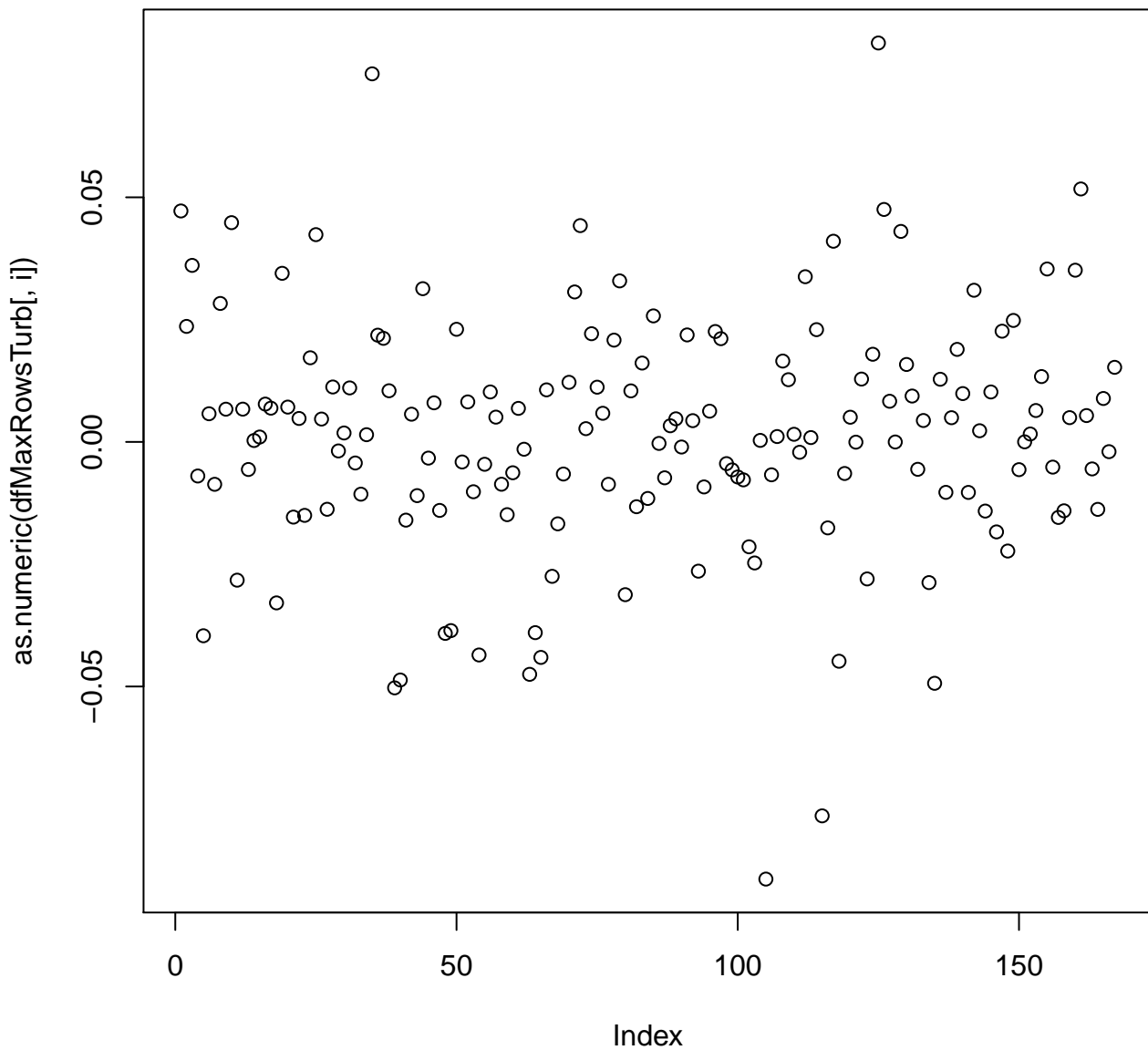




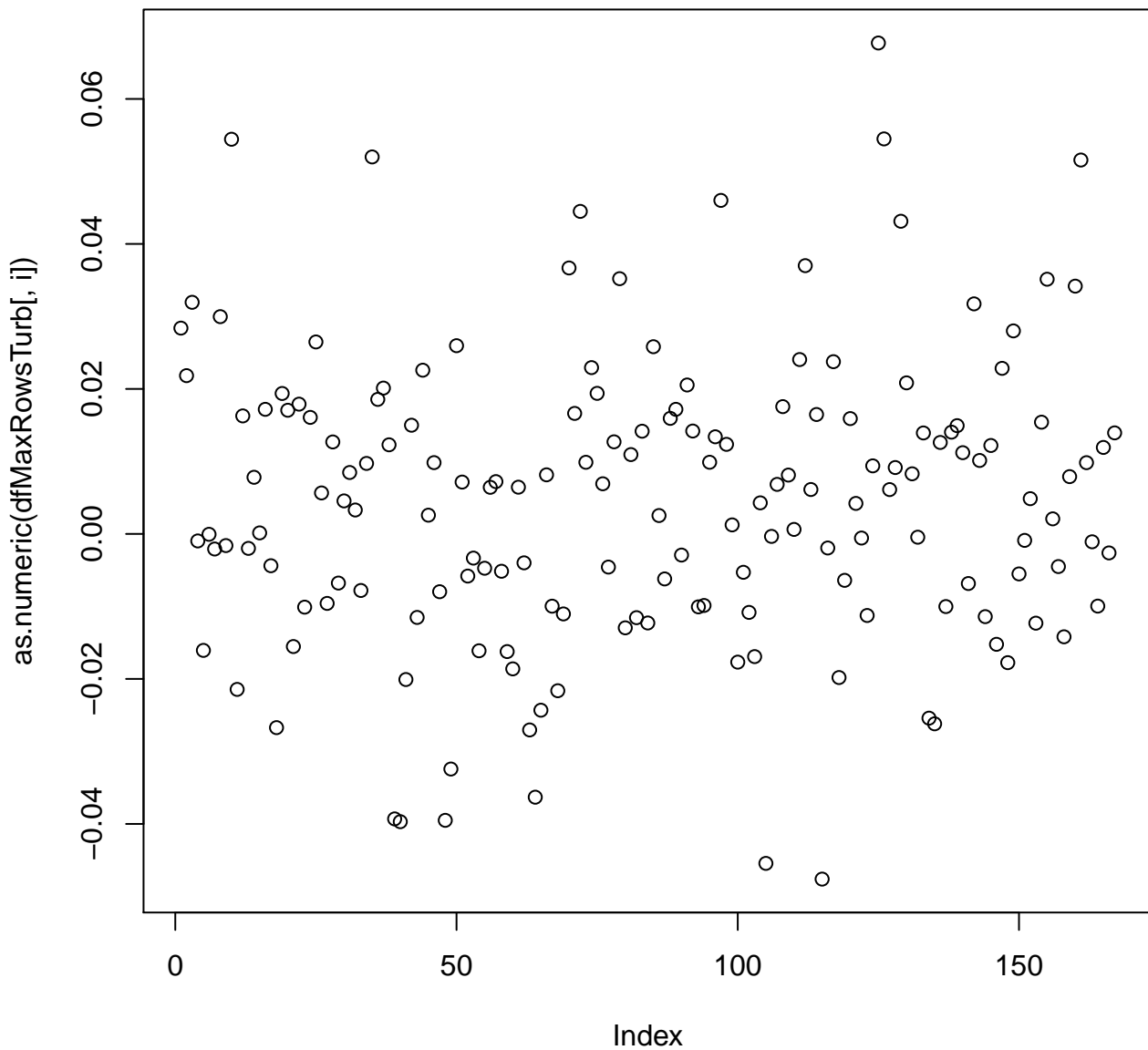
**CurrentSurface\_Mean\_1\_perp**



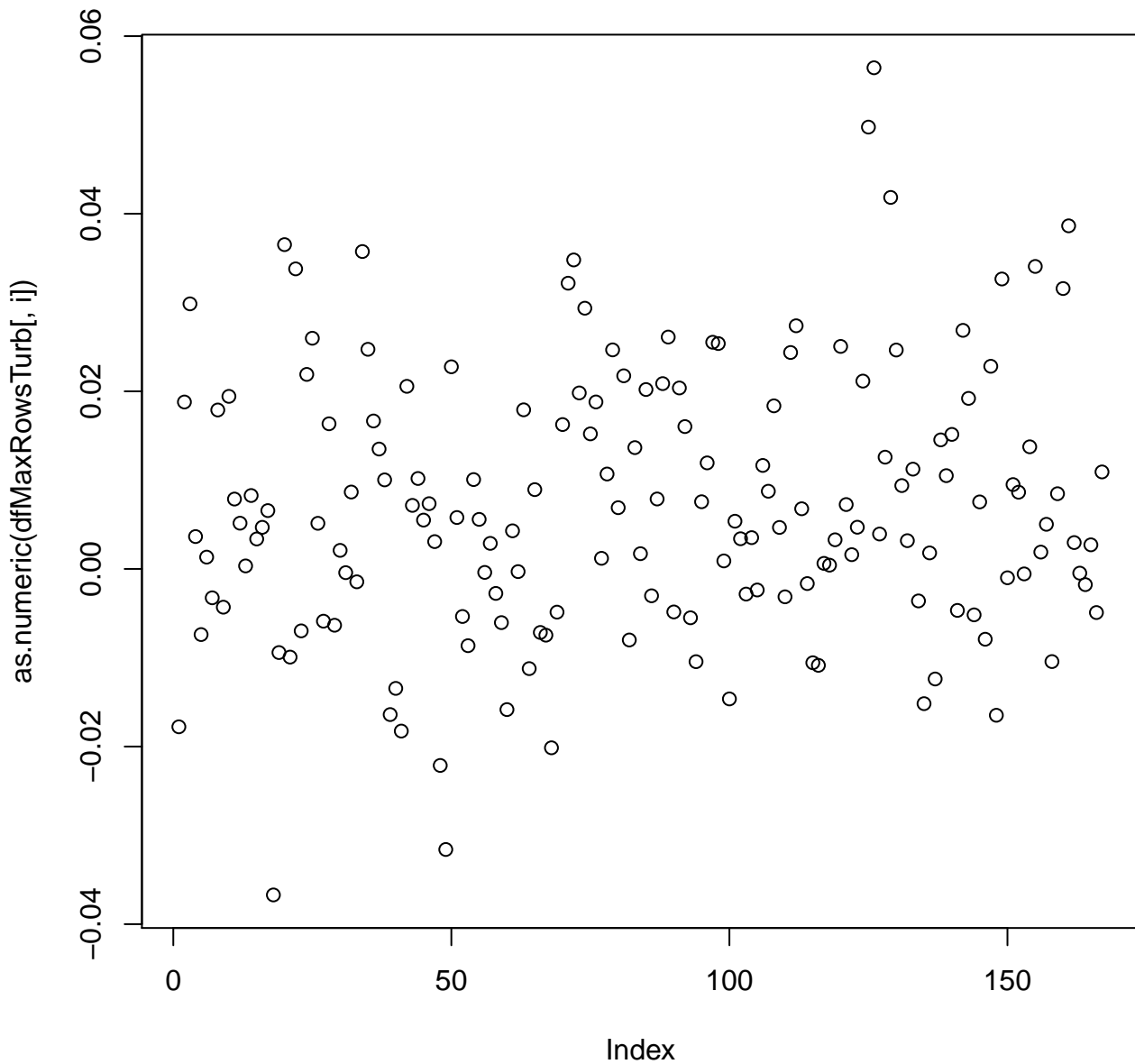
# CurrentSurface\_Mean\_2\_perp



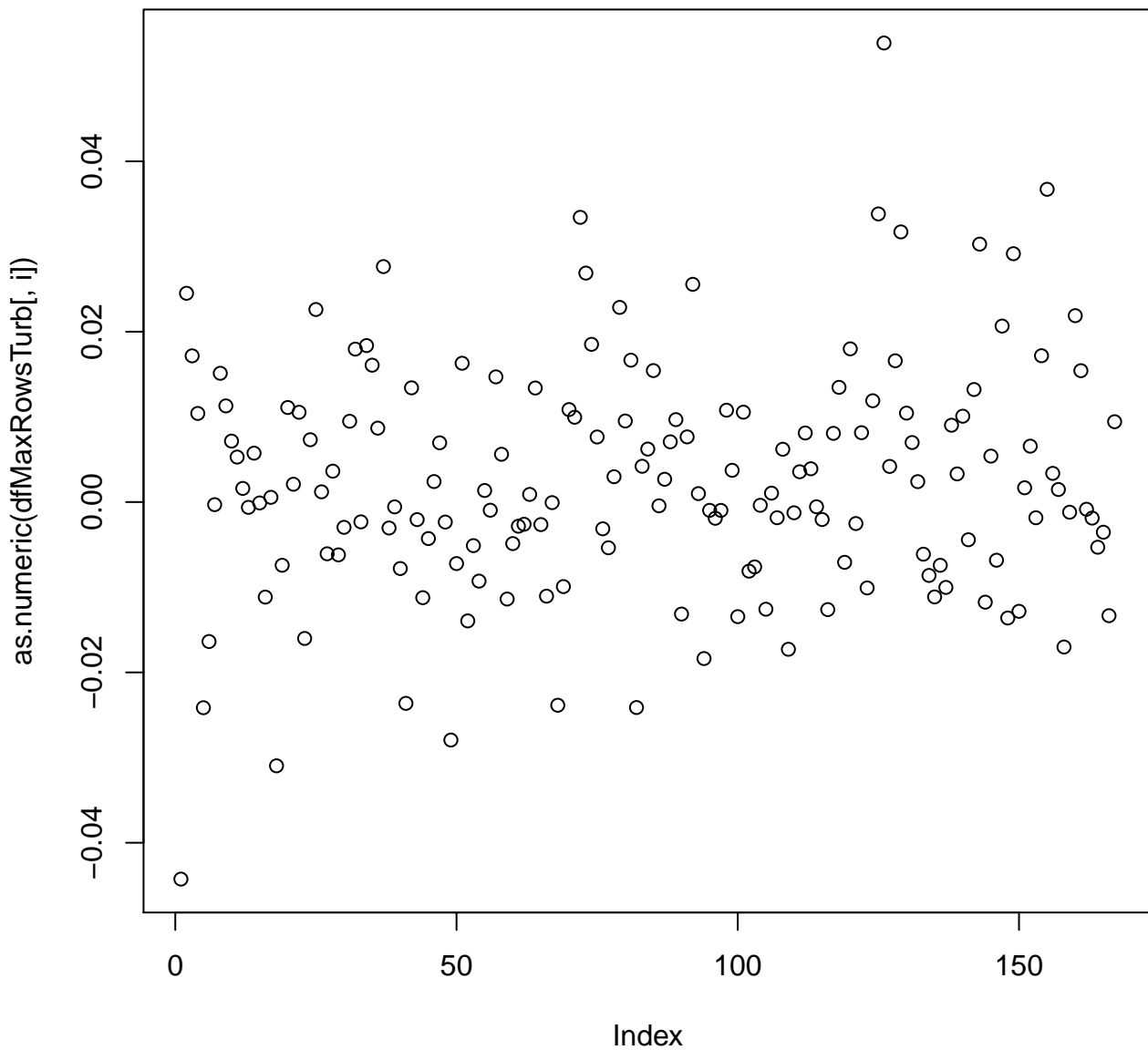
**CurrentSurface\_Mean\_6\_perp**



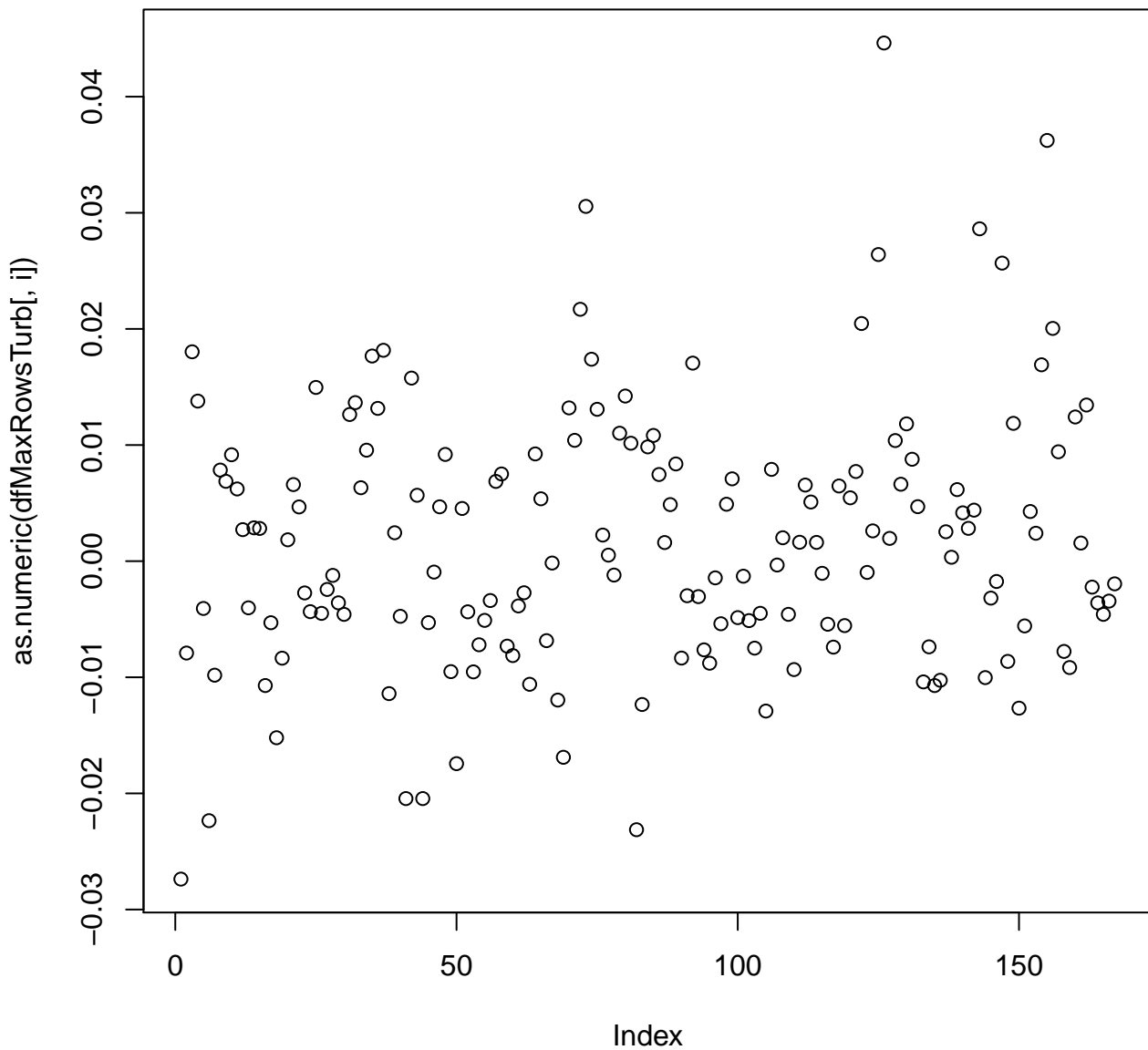
**CurrentSurface\_Mean\_12\_perp**



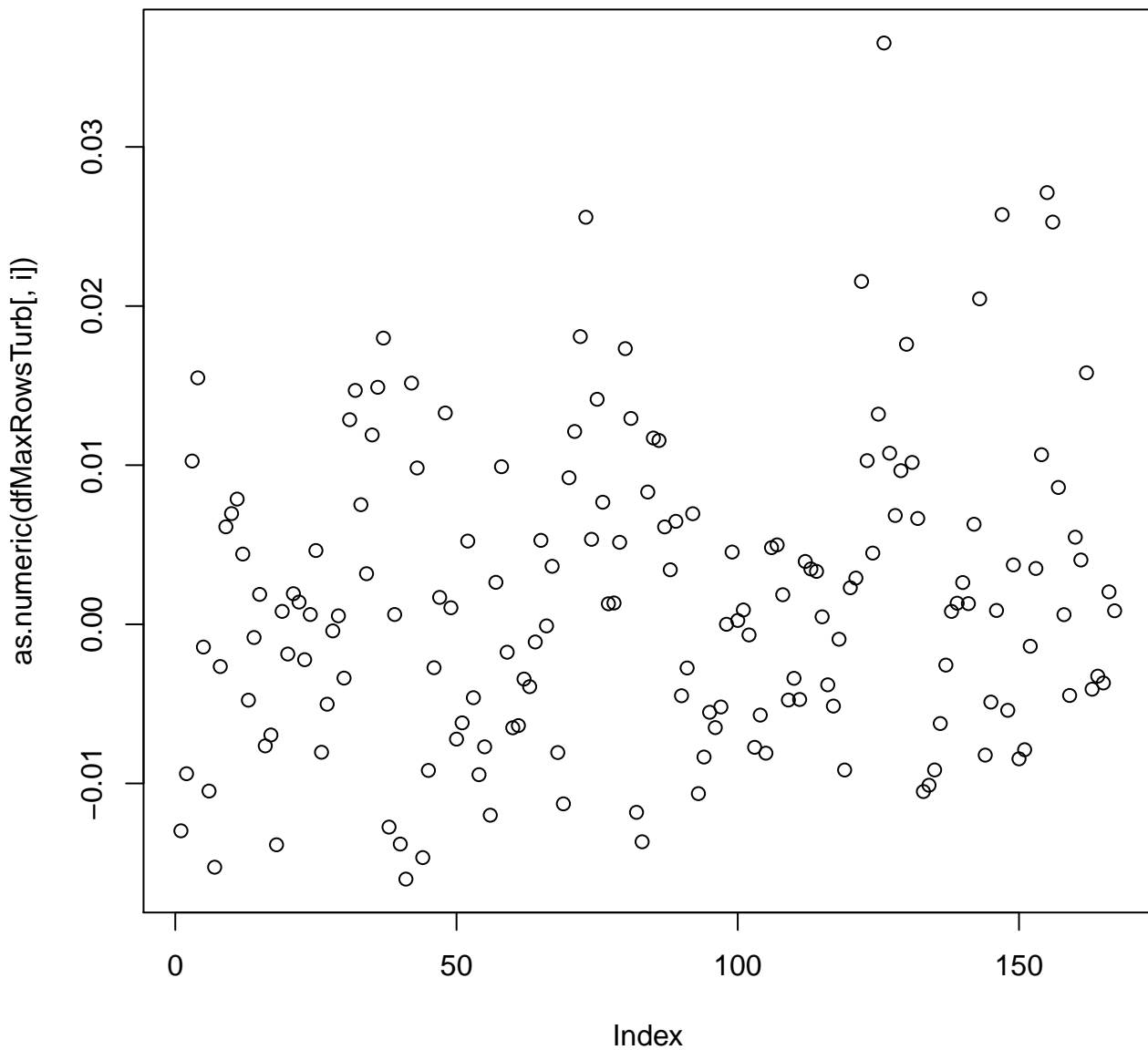
# CurrentSurface\_Mean\_24\_perp



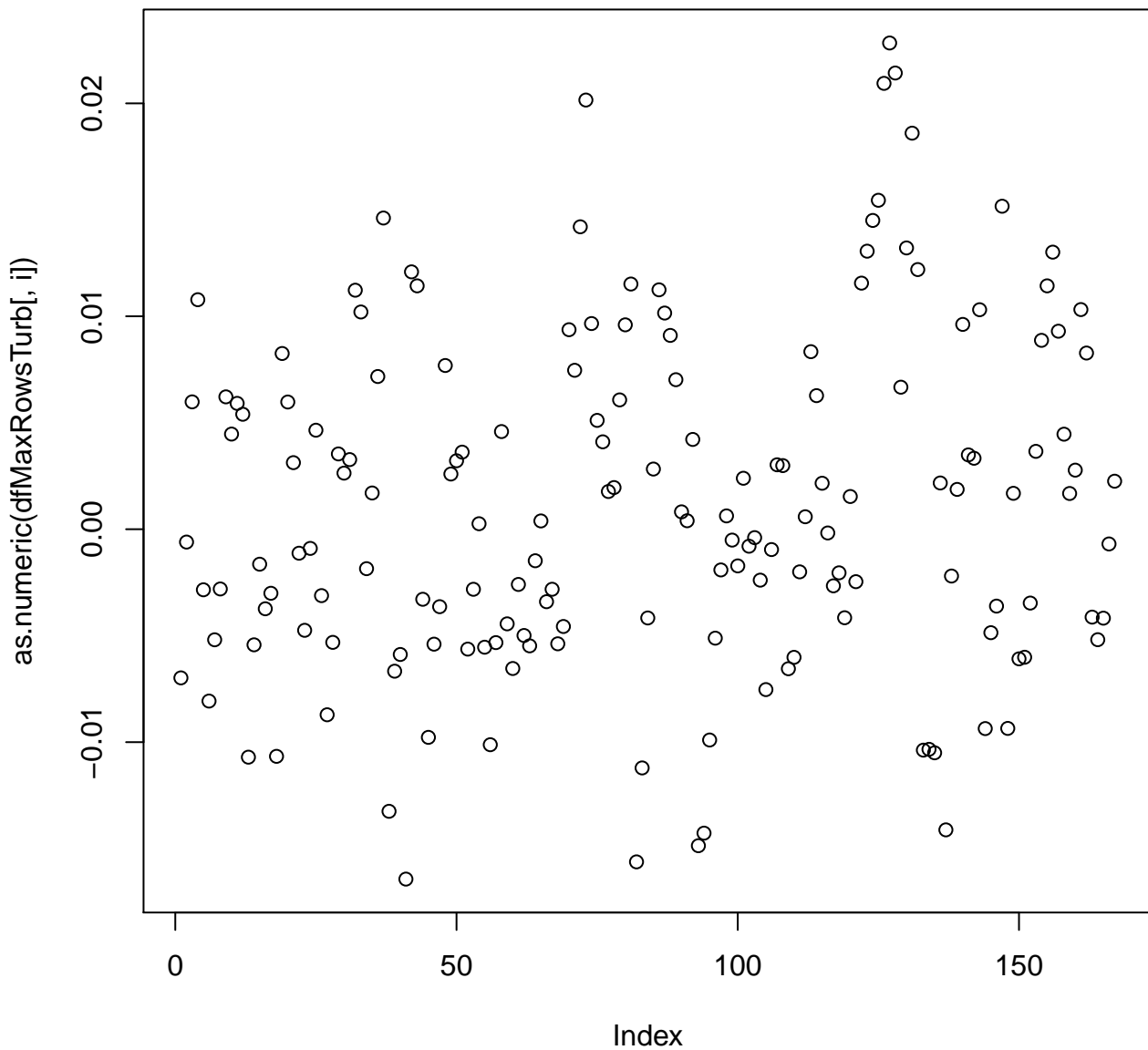
# CurrentSurface\_Mean\_48\_perp



# CurrentSurface\_Mean\_72\_perp

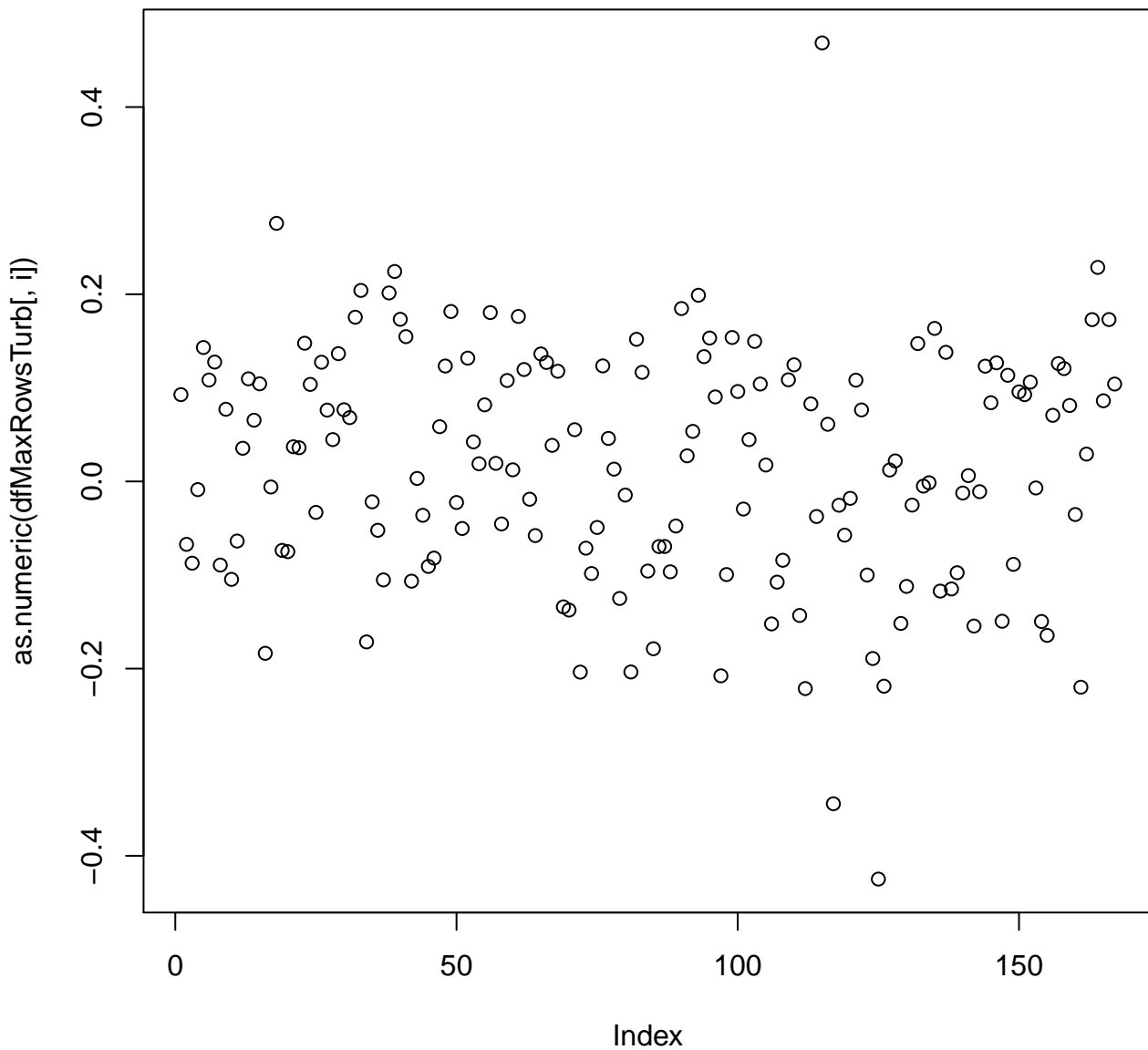


**CurrentSurface\_Mean\_120\_perp**

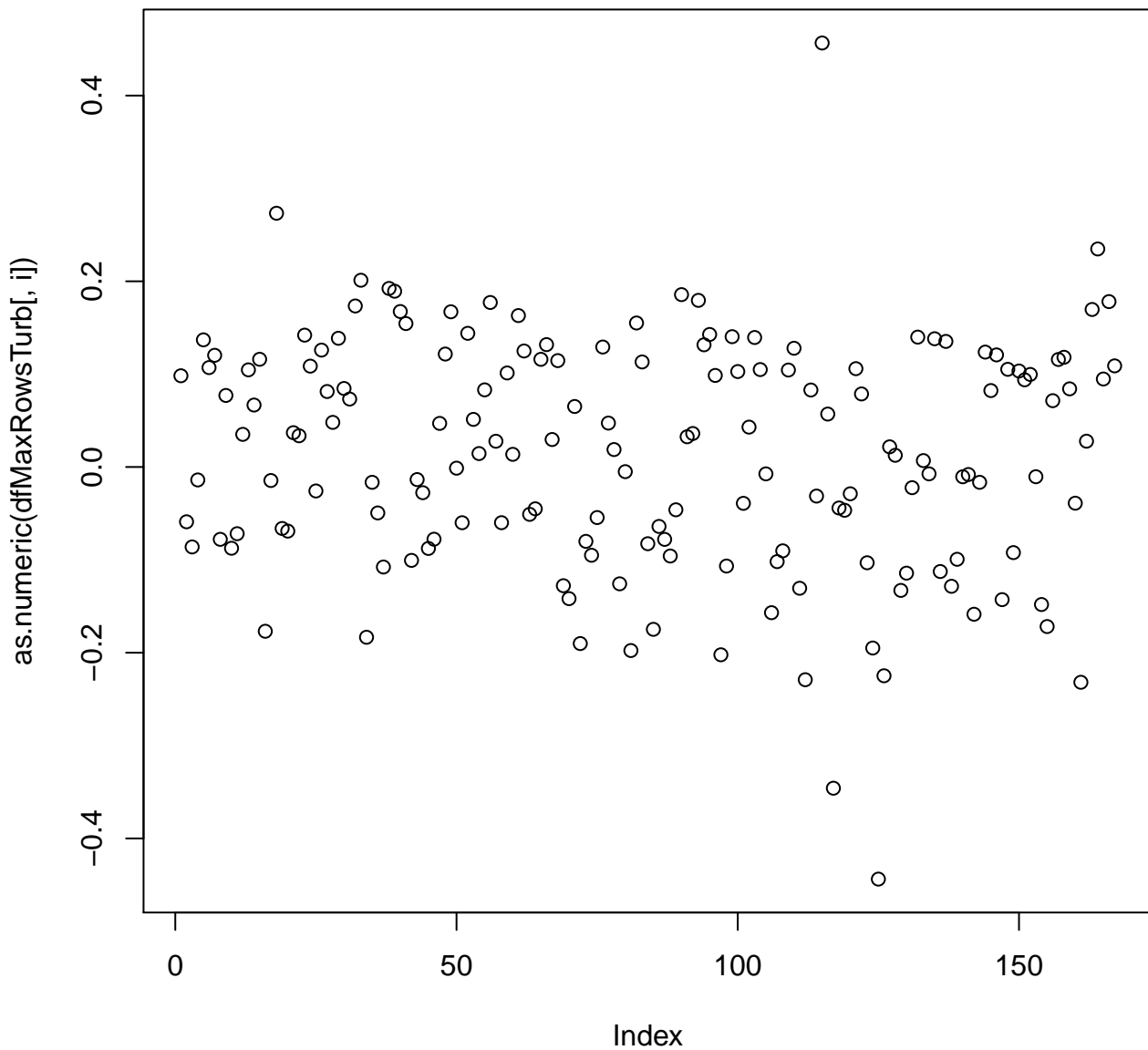




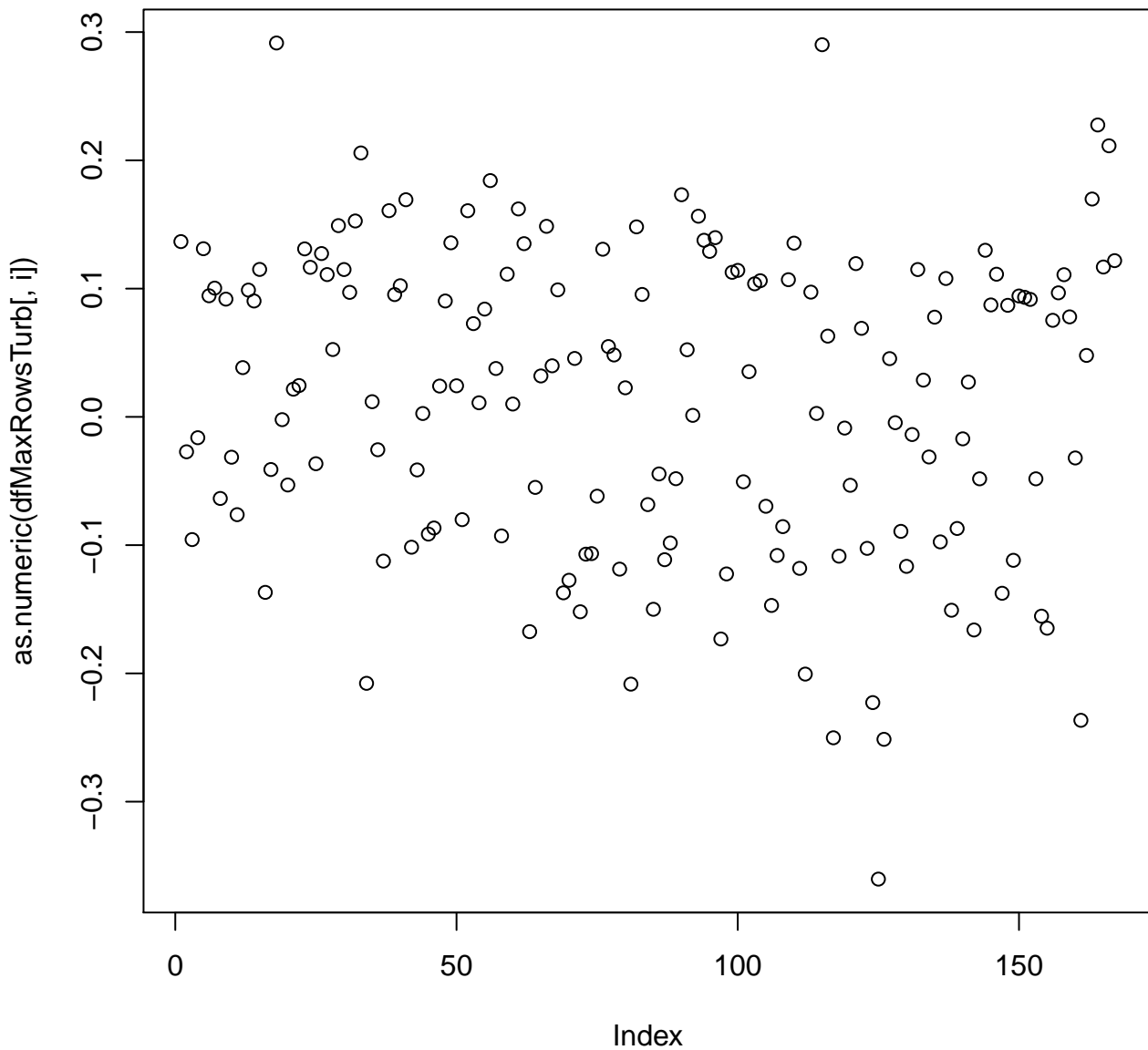
CurrentSurface\_Mean\_1\_par



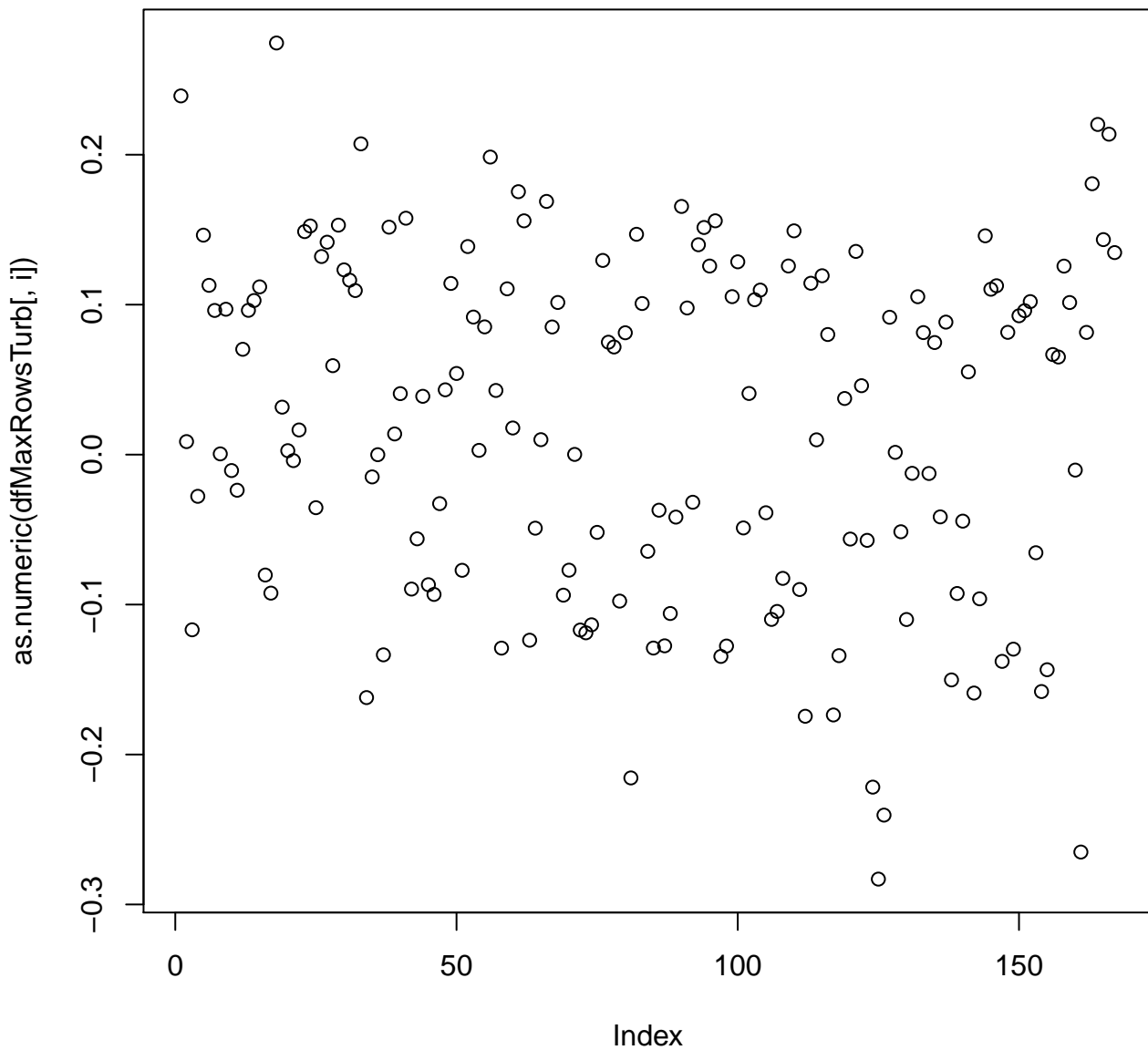
CurrentSurface\_Mean\_2\_par



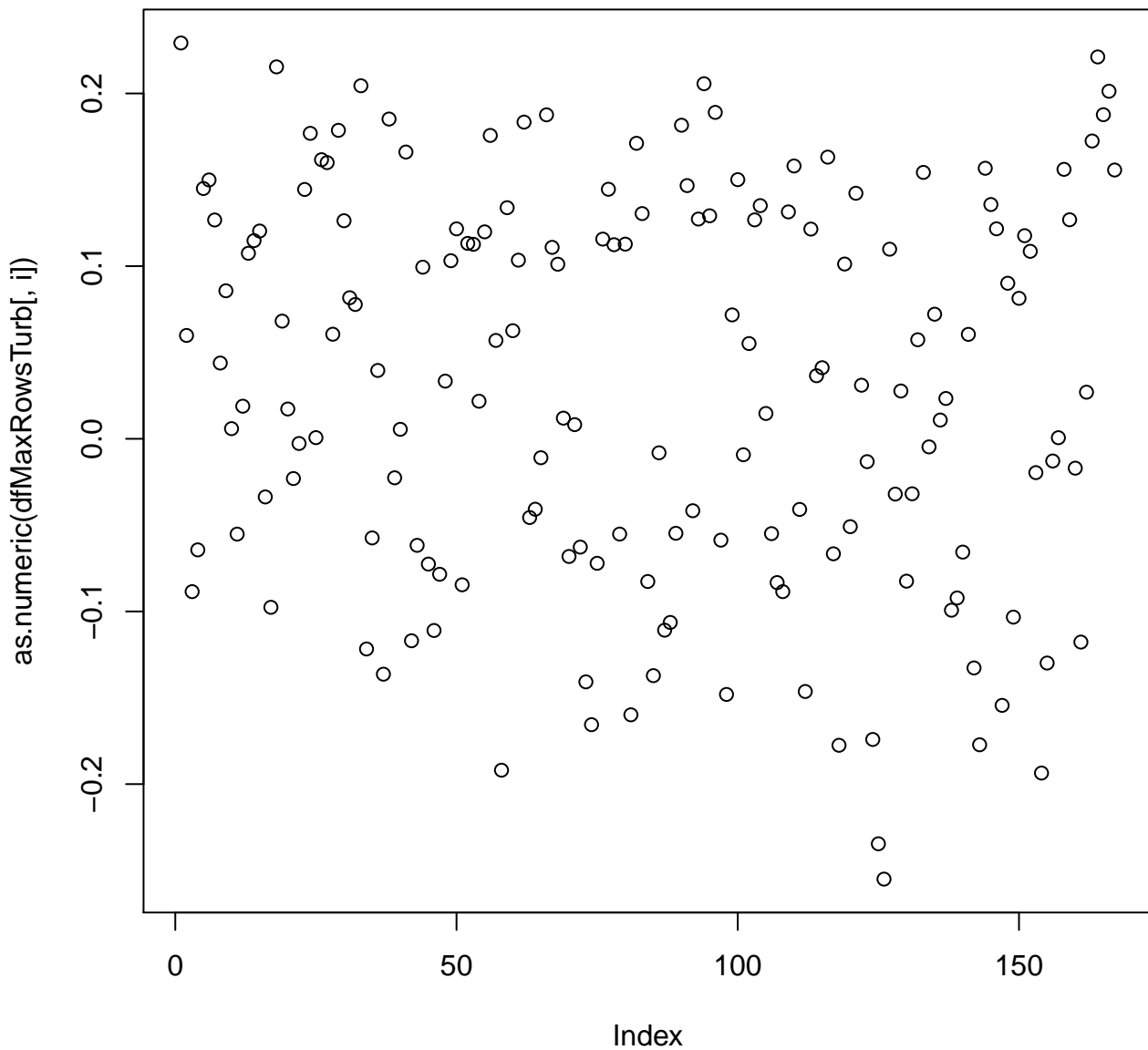
CurrentSurface\_Mean\_6\_par



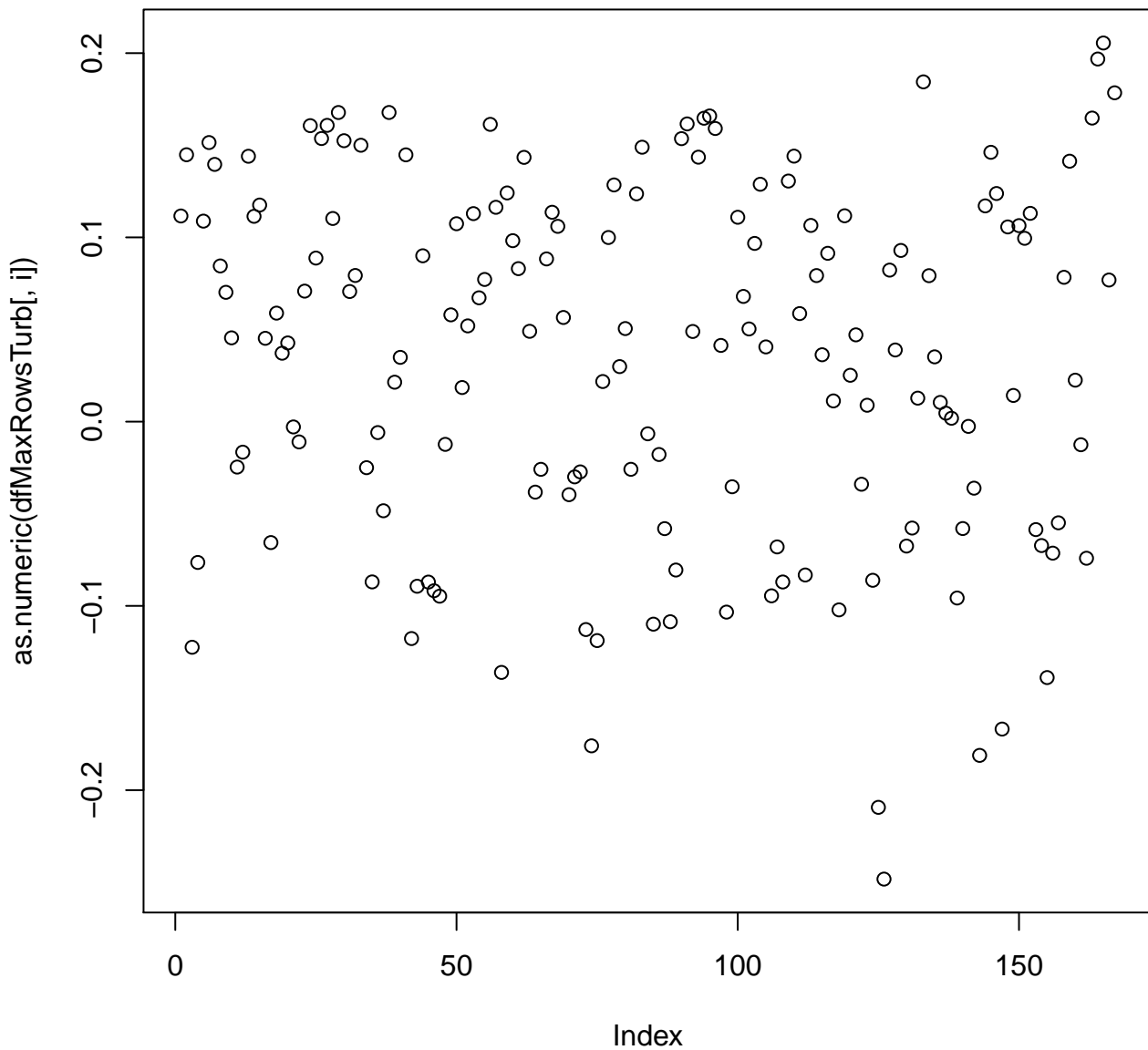
**CurrentSurface\_Mean\_12\_par**



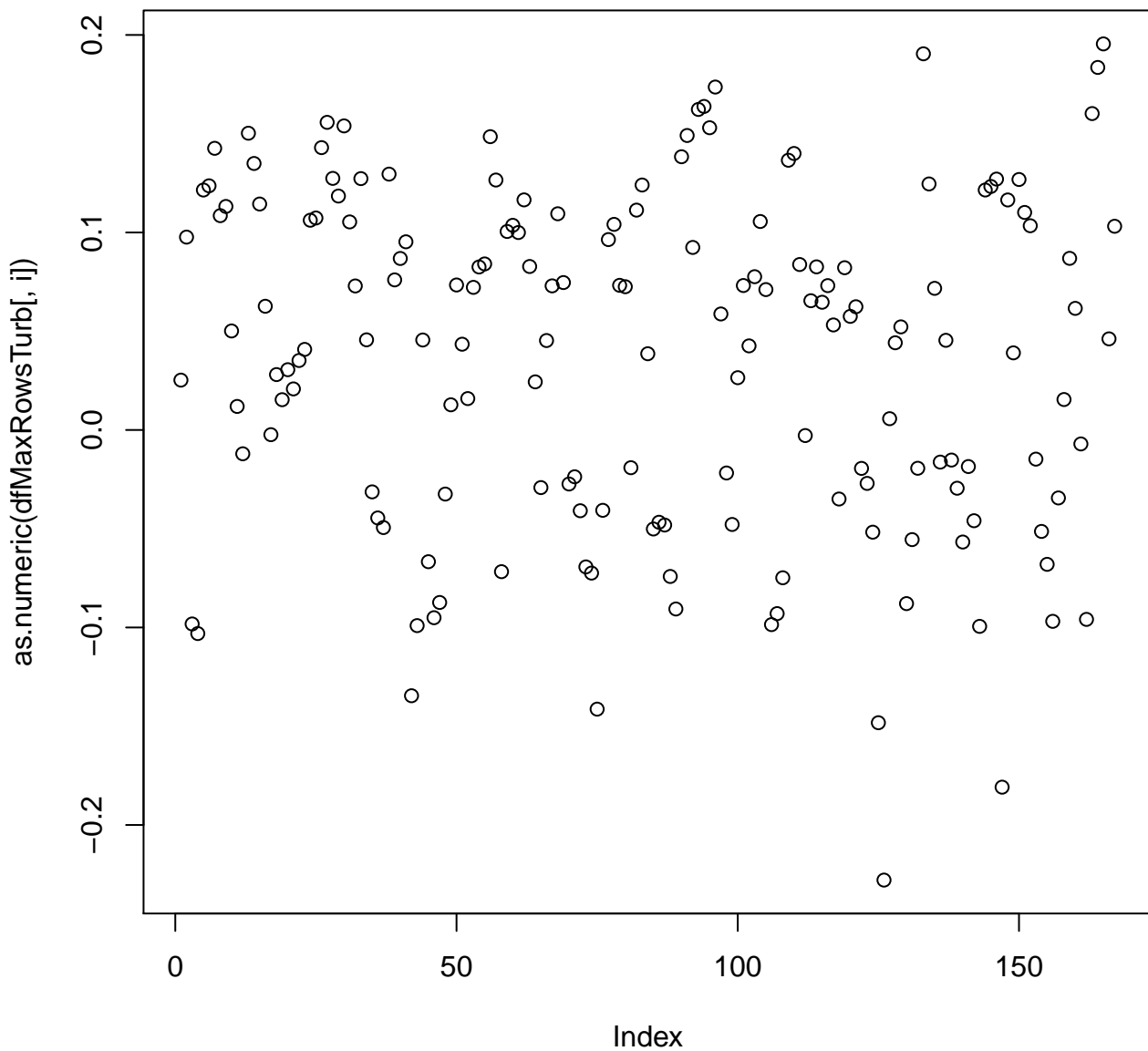
**CurrentSurface\_Mean\_24\_par**



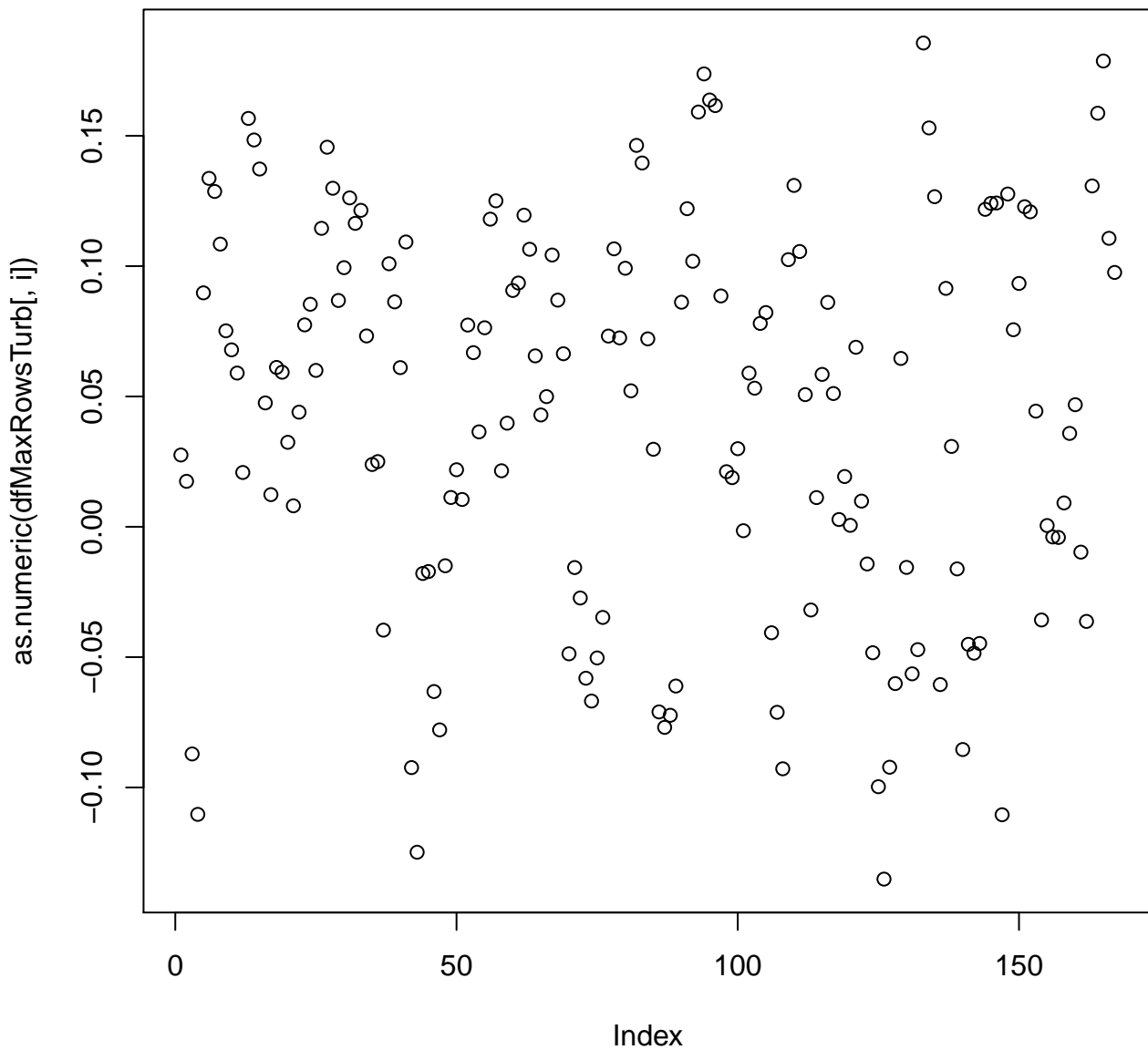
**CurrentSurface\_Mean\_48\_par**



**CurrentSurface\_Mean\_72\_par**

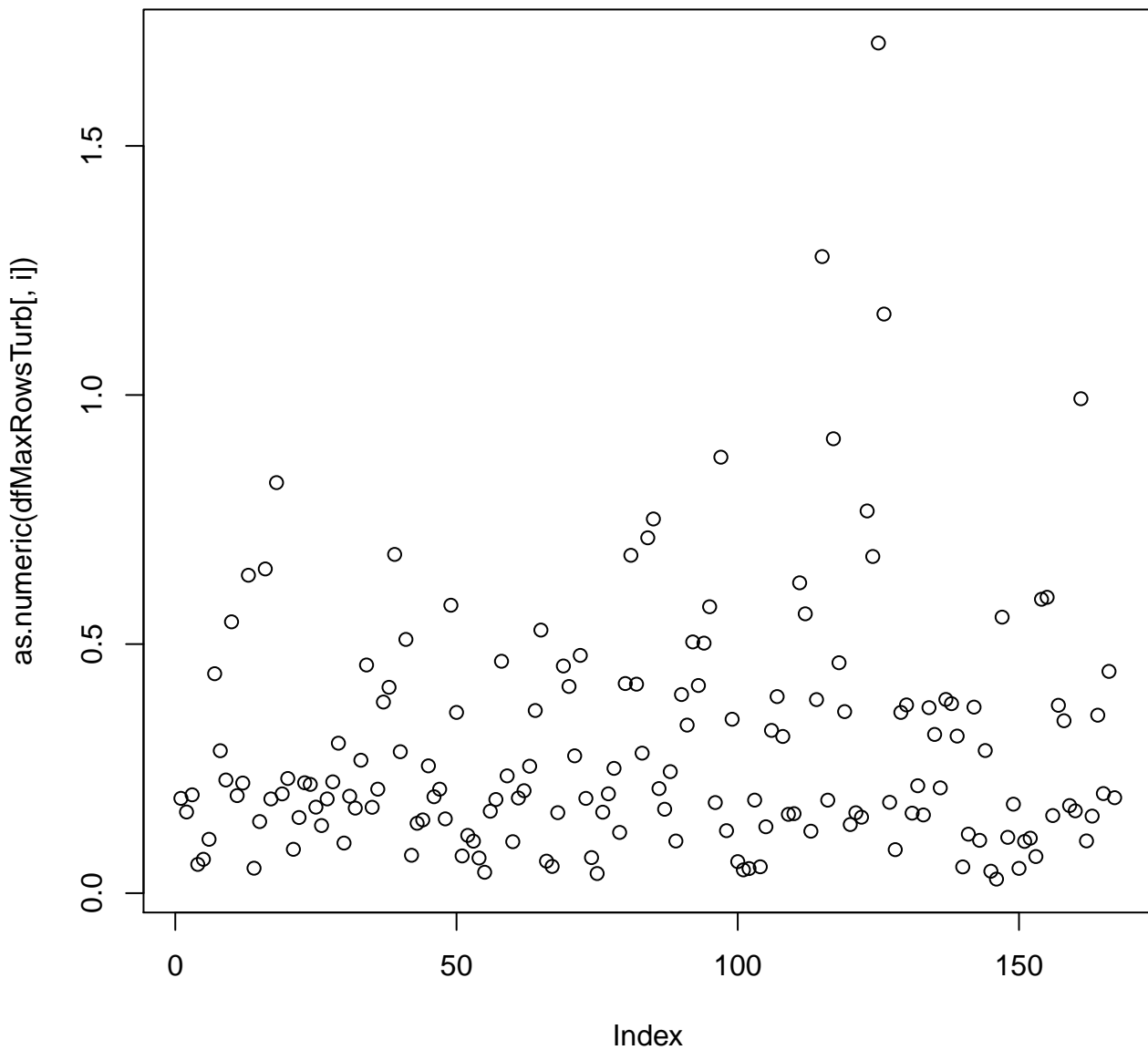


**CurrentSurface\_Mean\_120\_par**

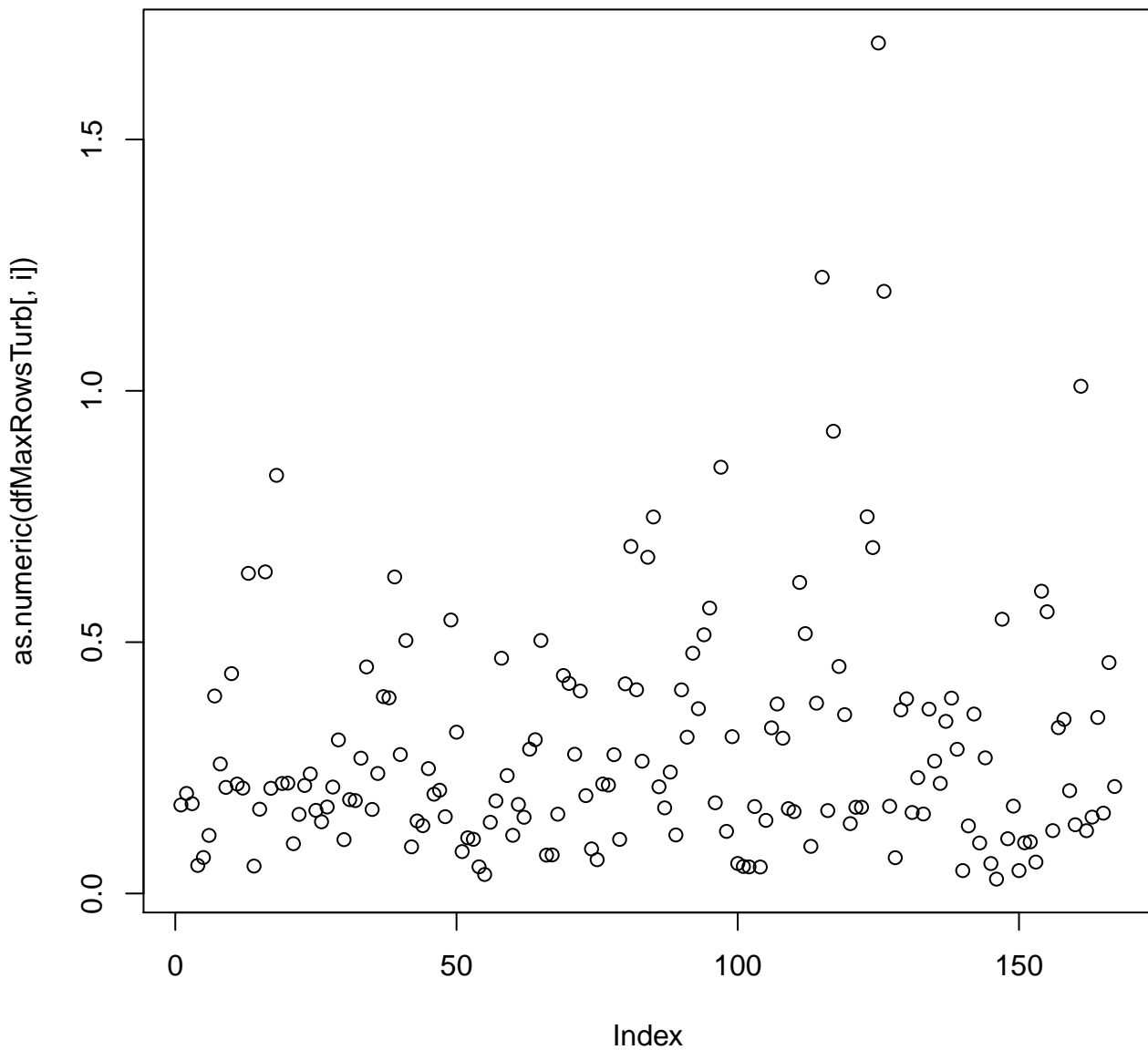




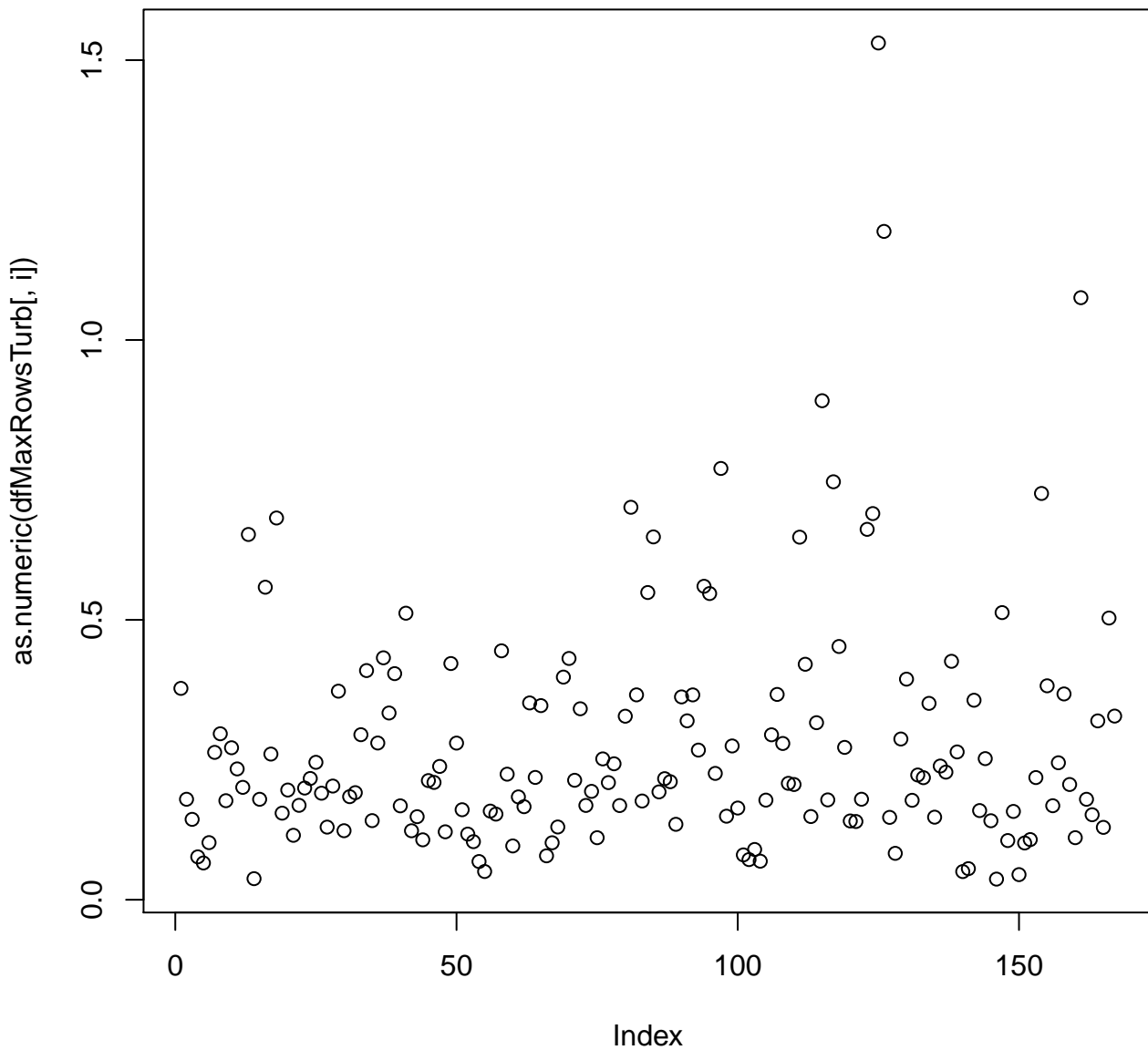
WaveHeight\_Mean\_1



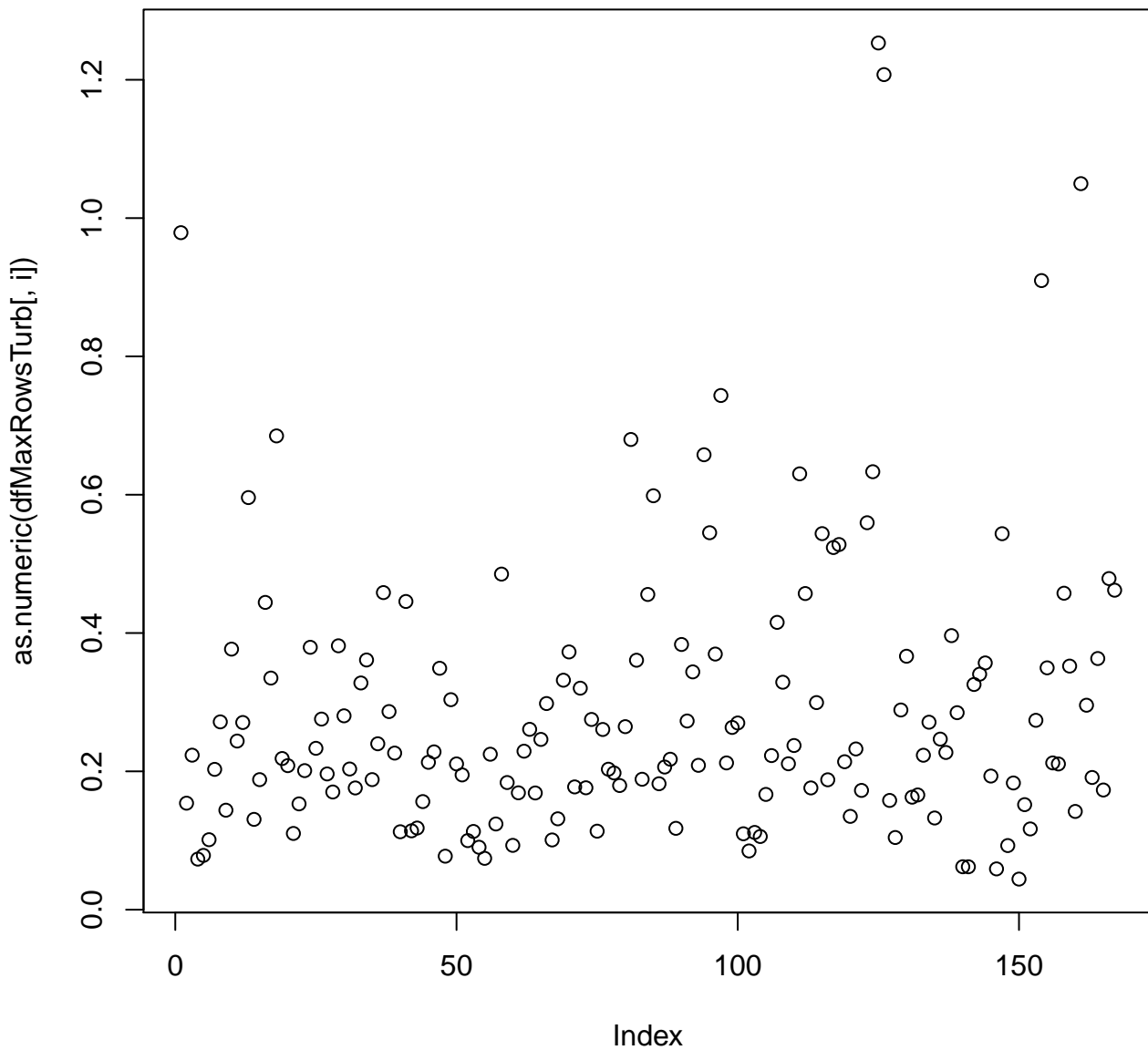
**WaveHeight\_Mean\_2**



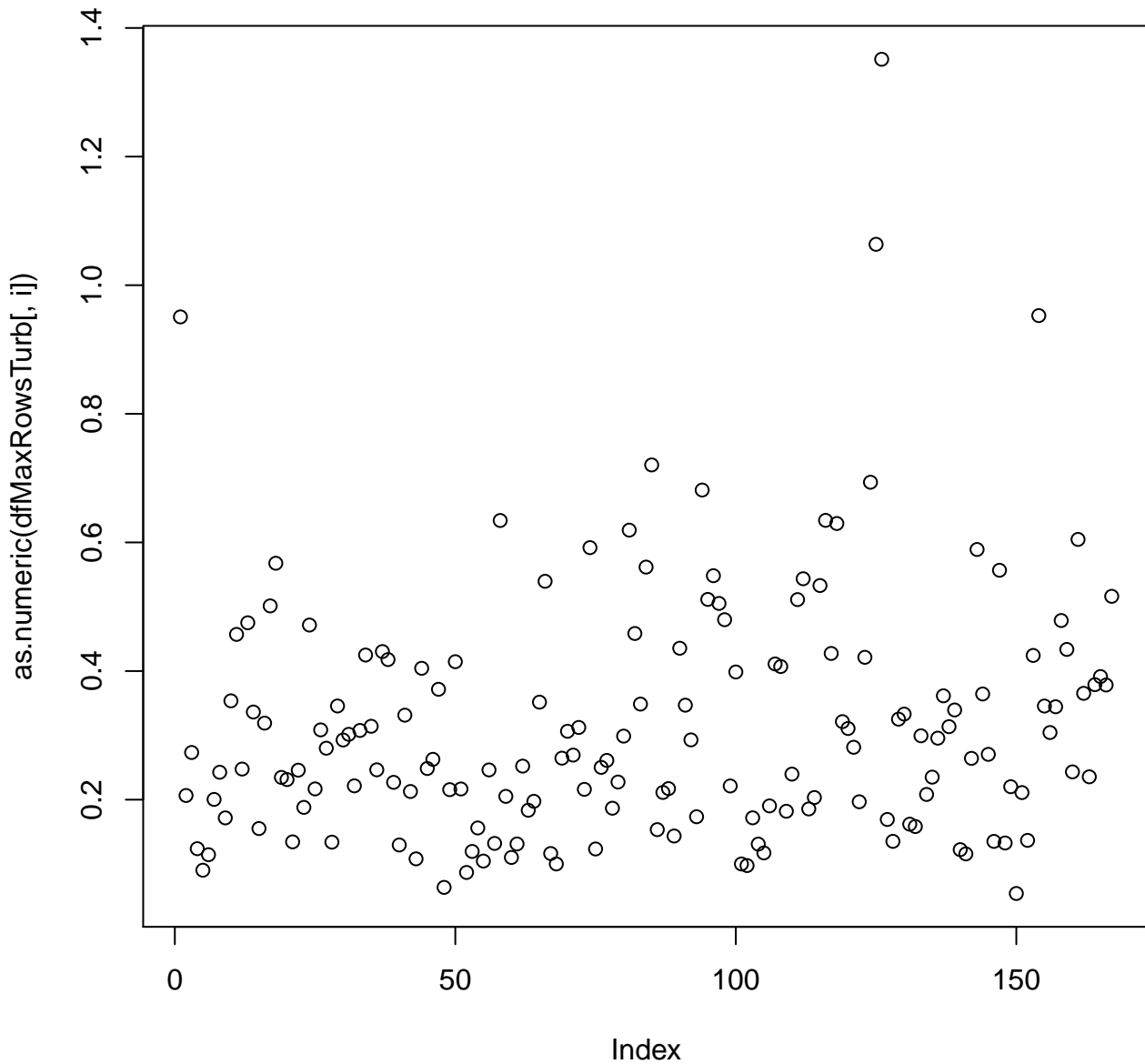
**WaveHeight\_Mean\_6**



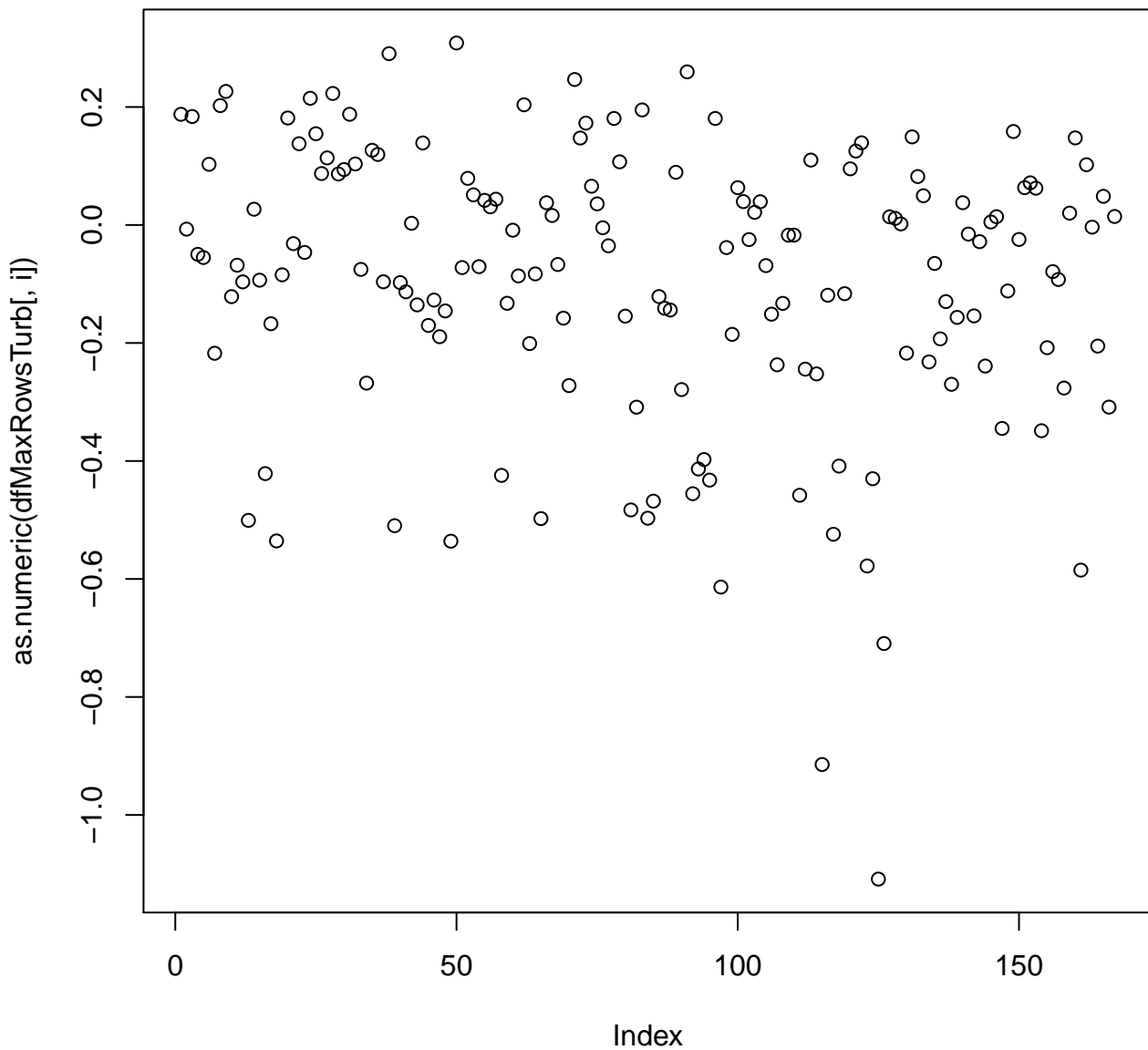
WaveHeight\_Mean\_12



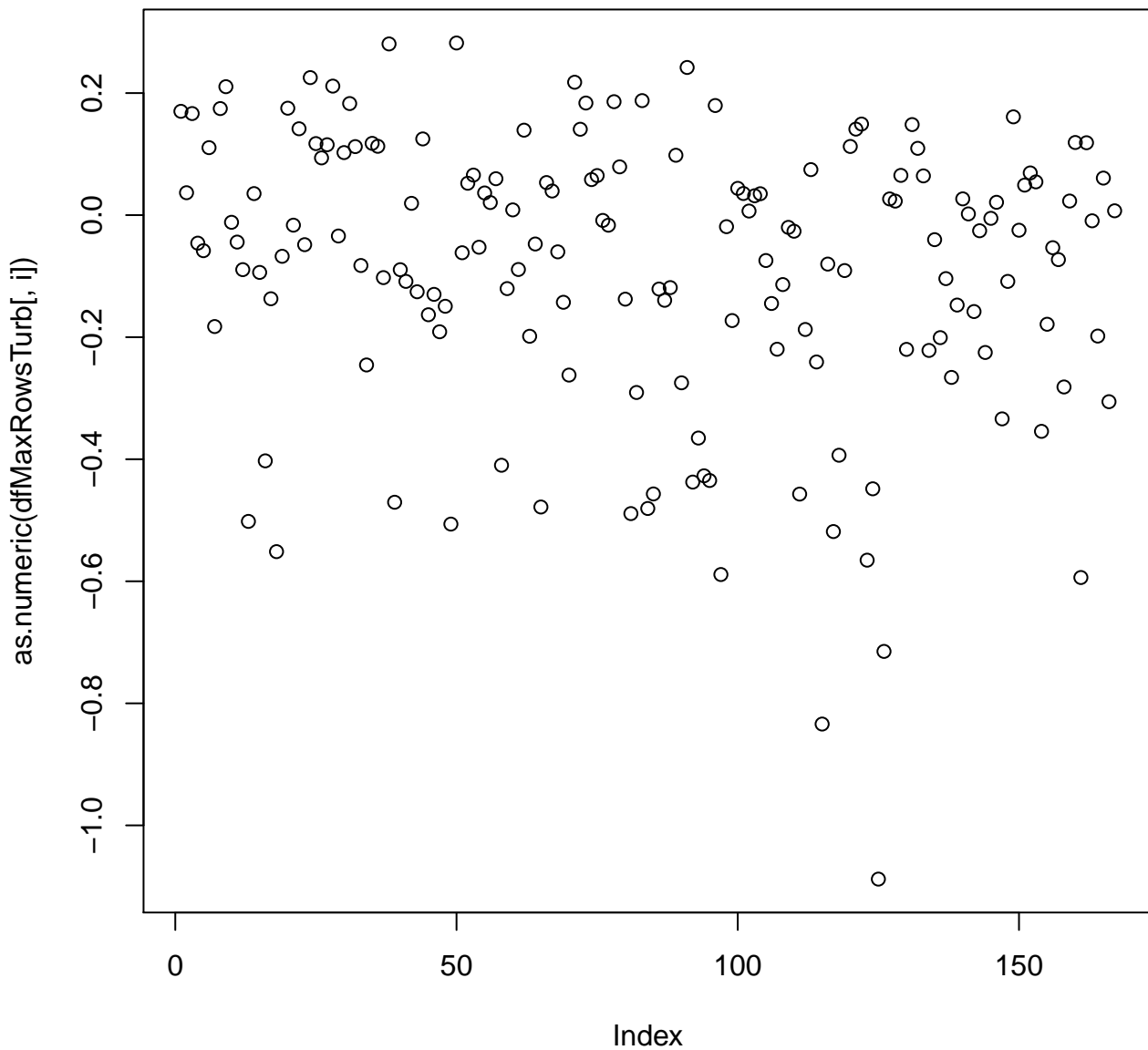
WaveHeight\_Mean\_24



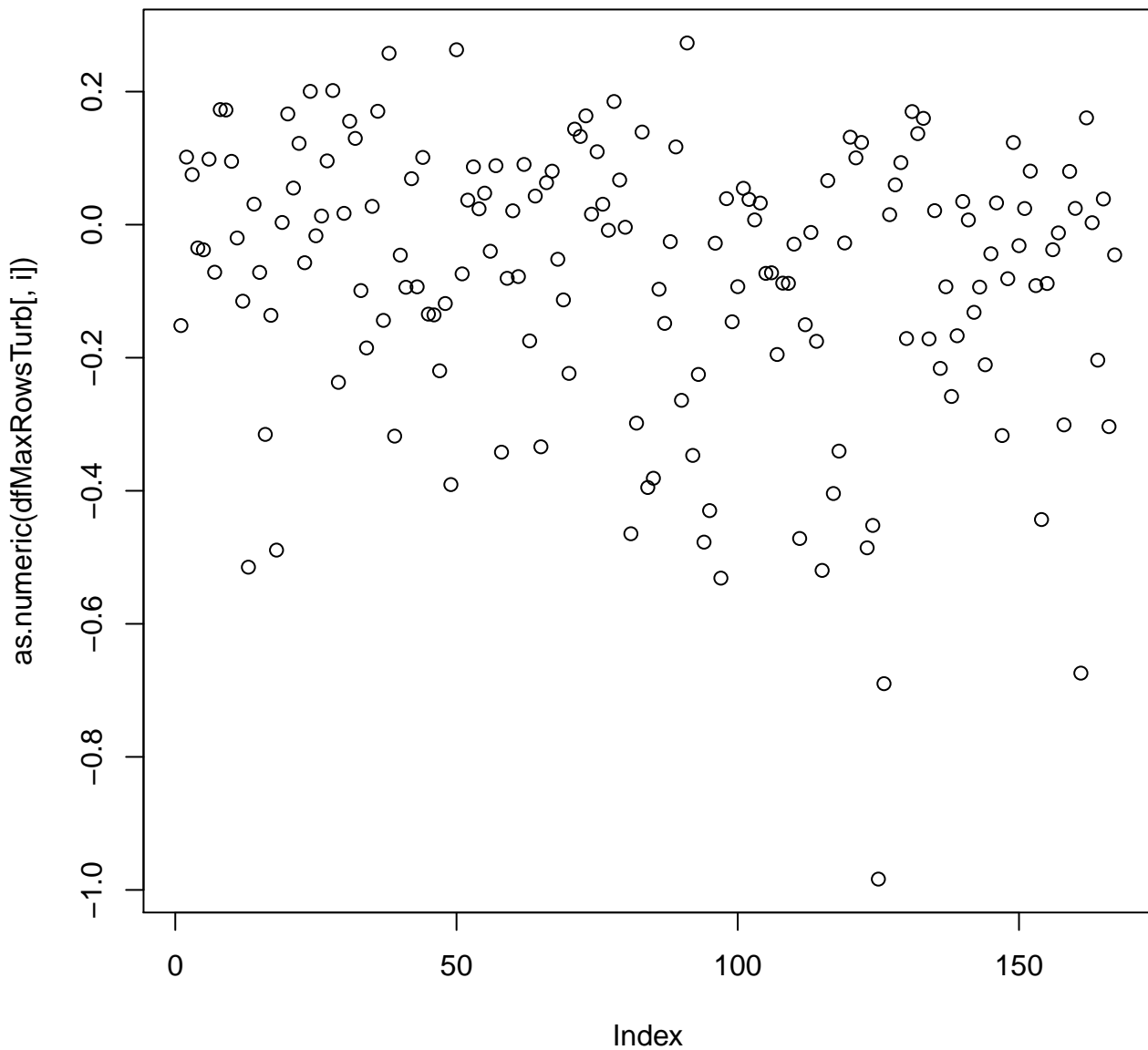
**WaveHeightDirection\_Mean\_1\_perp**



**WaveHeightDirection\_Mean\_2\_perp**

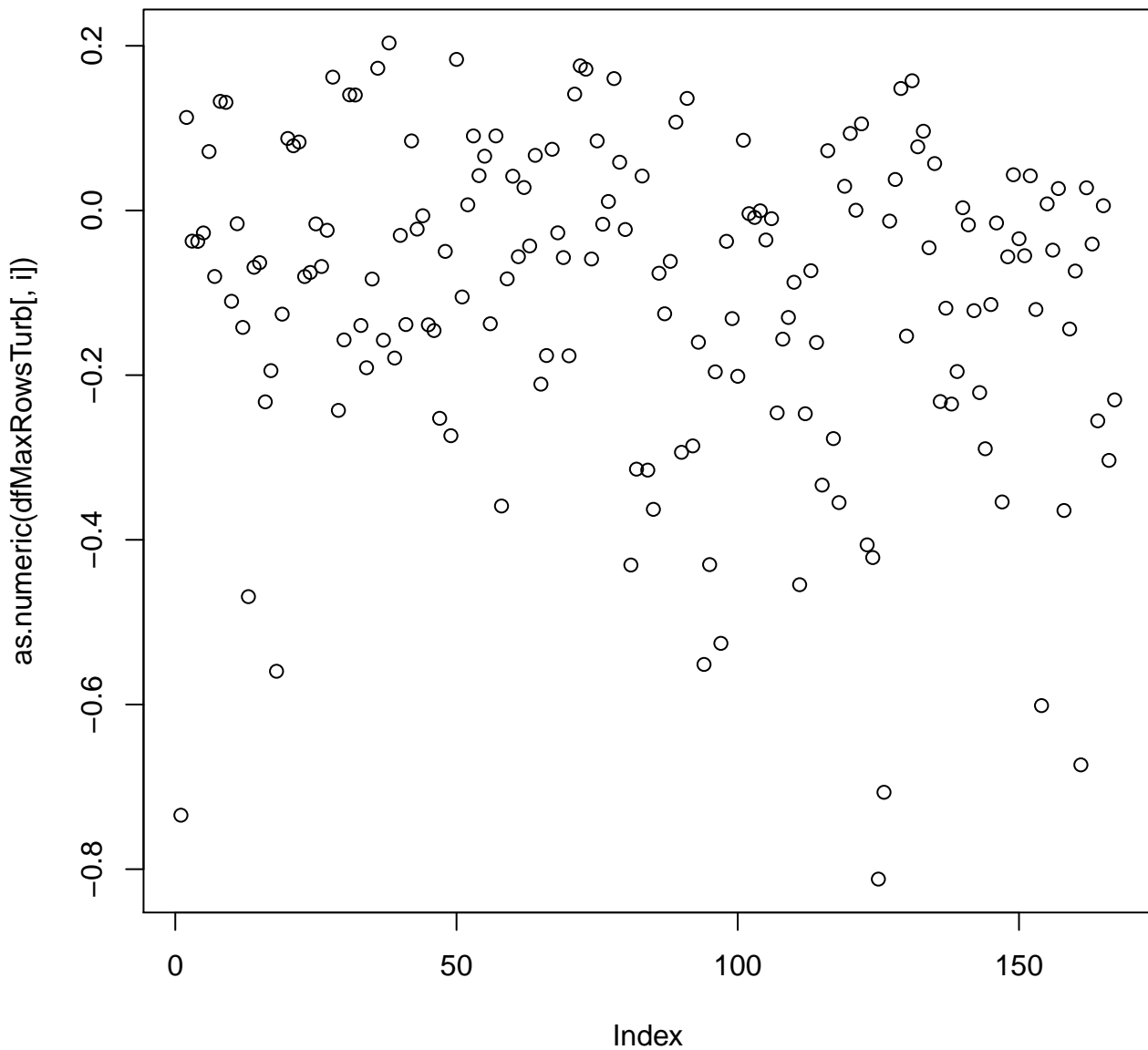


**WaveHeightDirection\_Mean\_6\_perp**

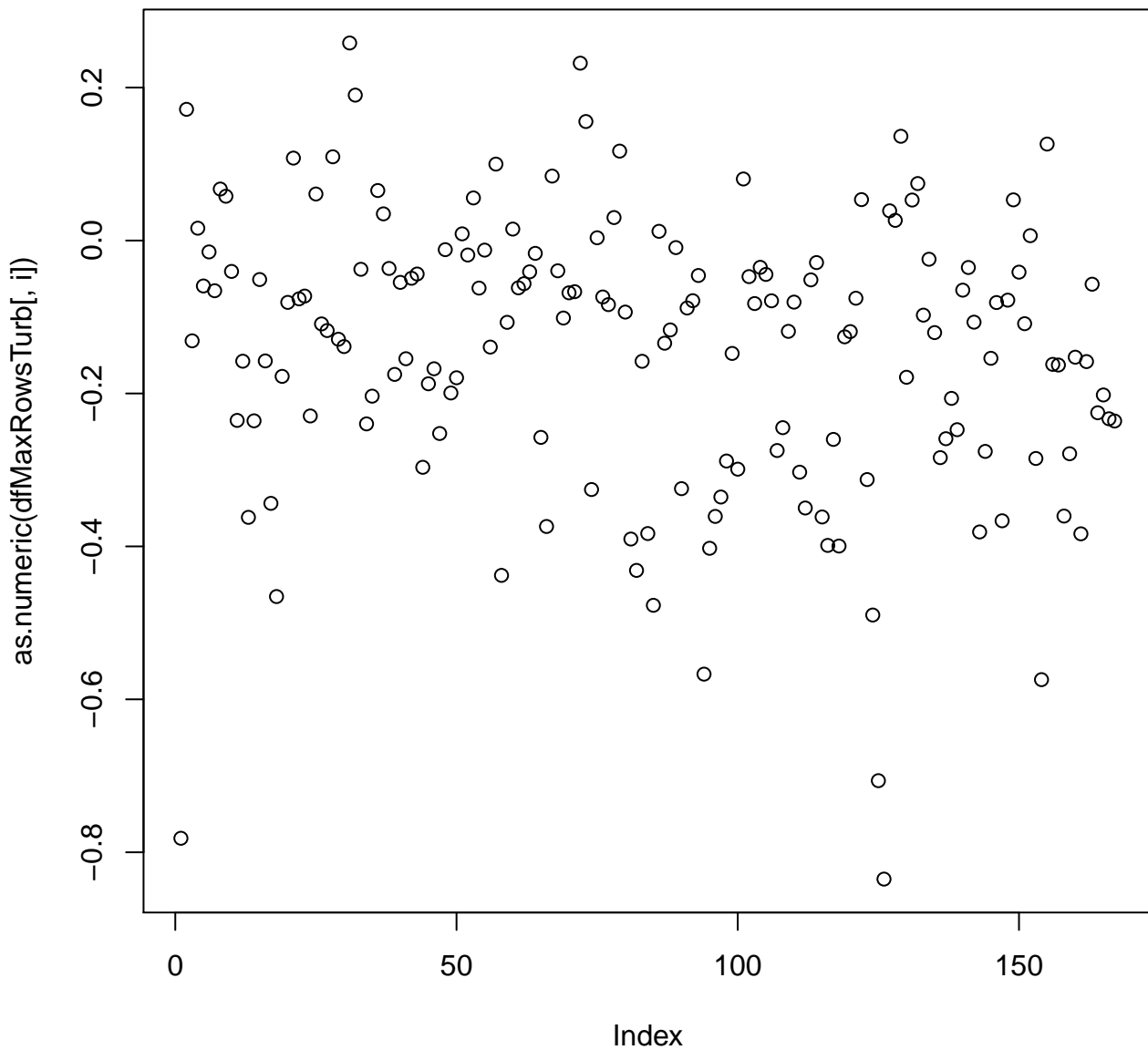




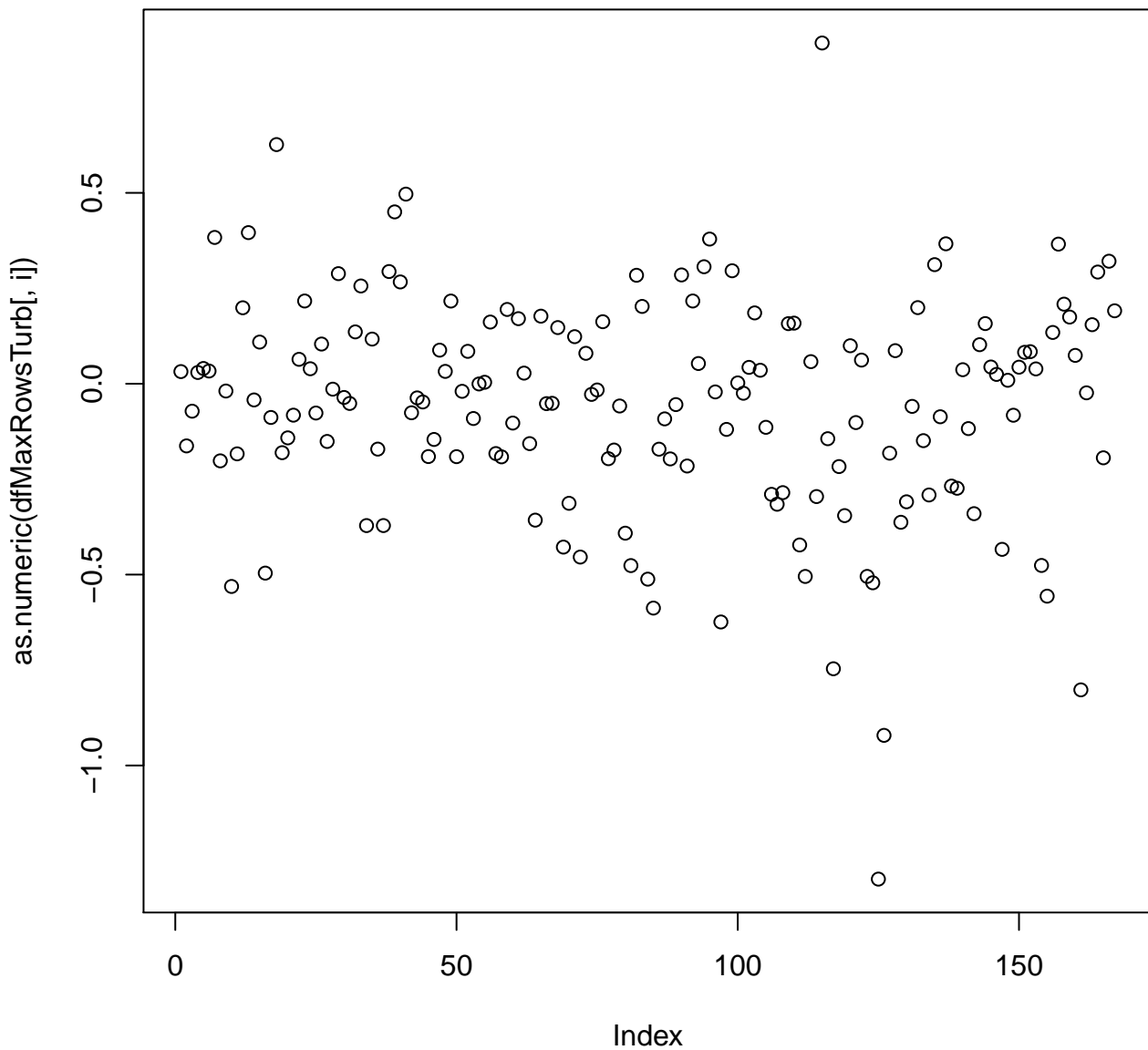
# WaveHeightDirection\_Mean\_12\_perp



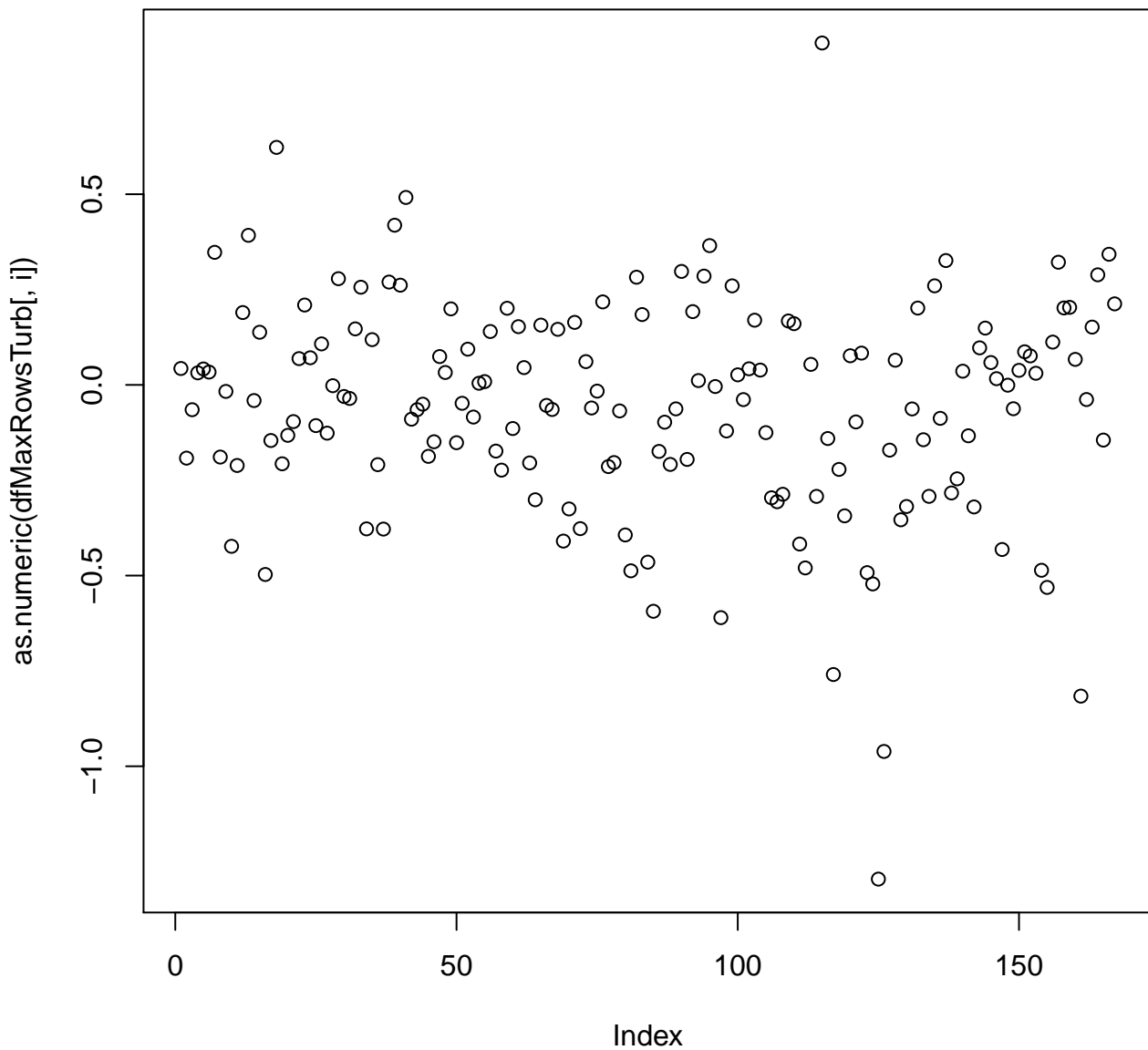
# WaveHeightDirection\_Mean\_24\_perp



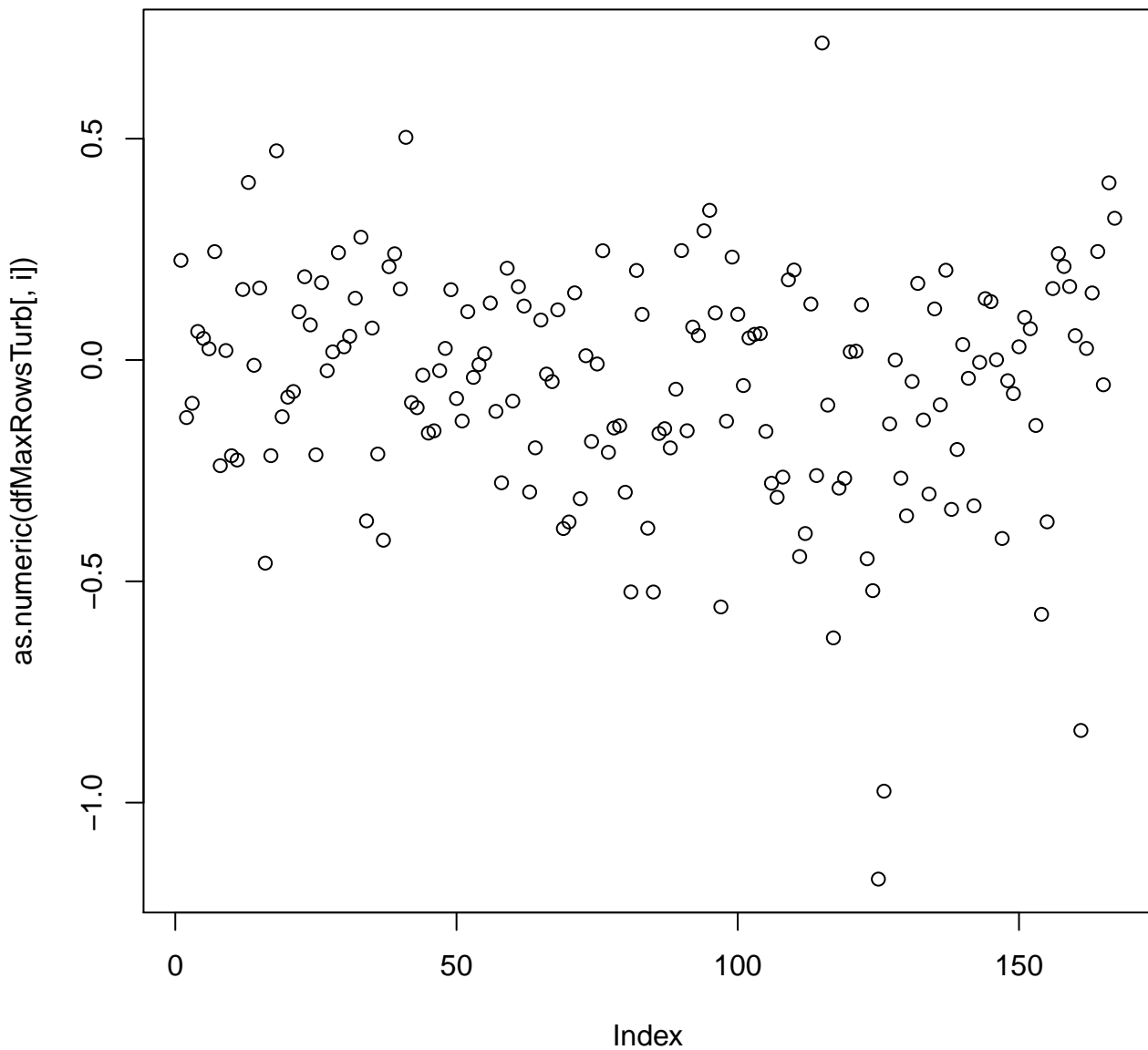
**WaveHeightDirection\_Mean\_1\_par**



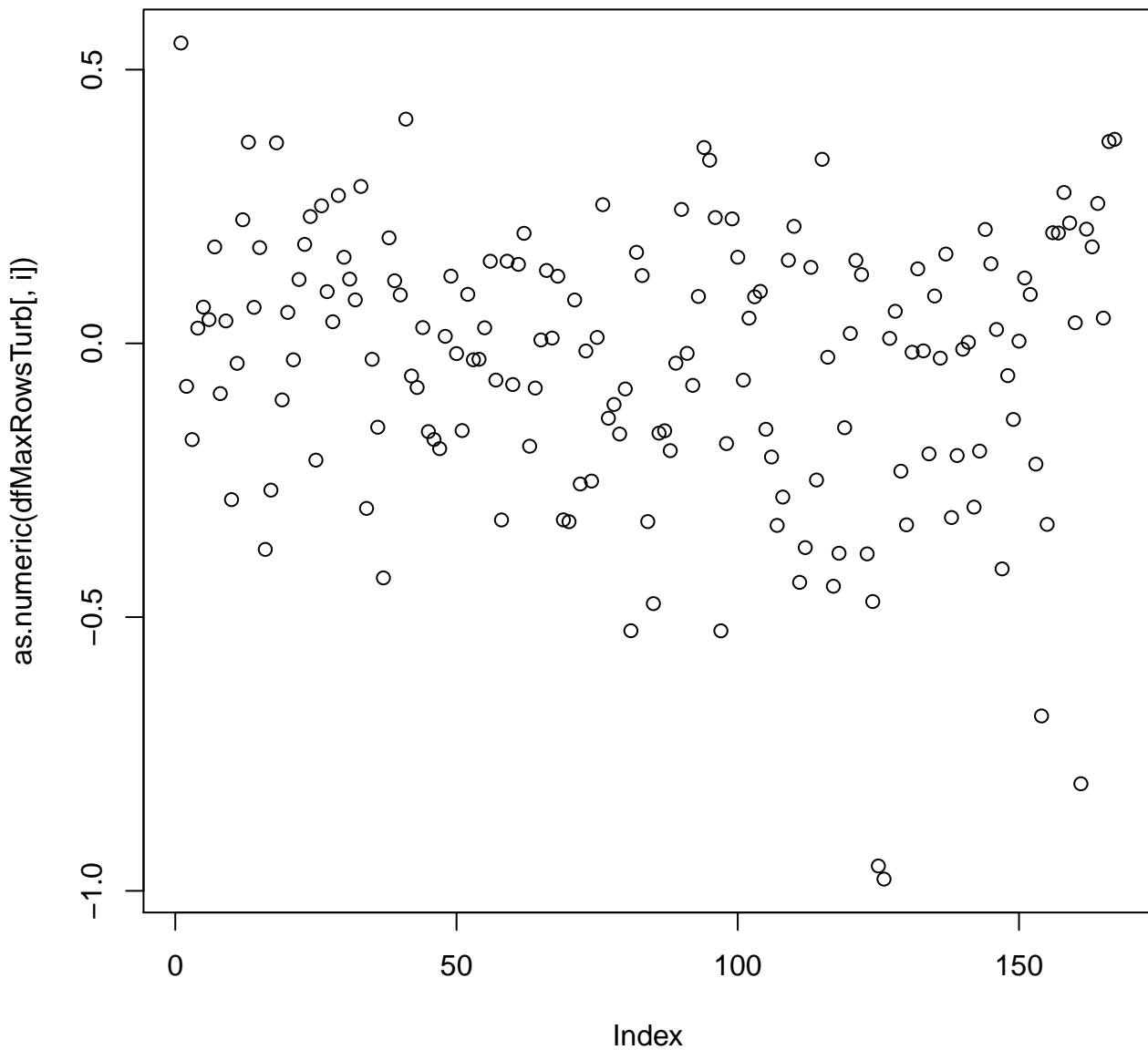
**WaveHeightDirection\_Mean\_2\_par**



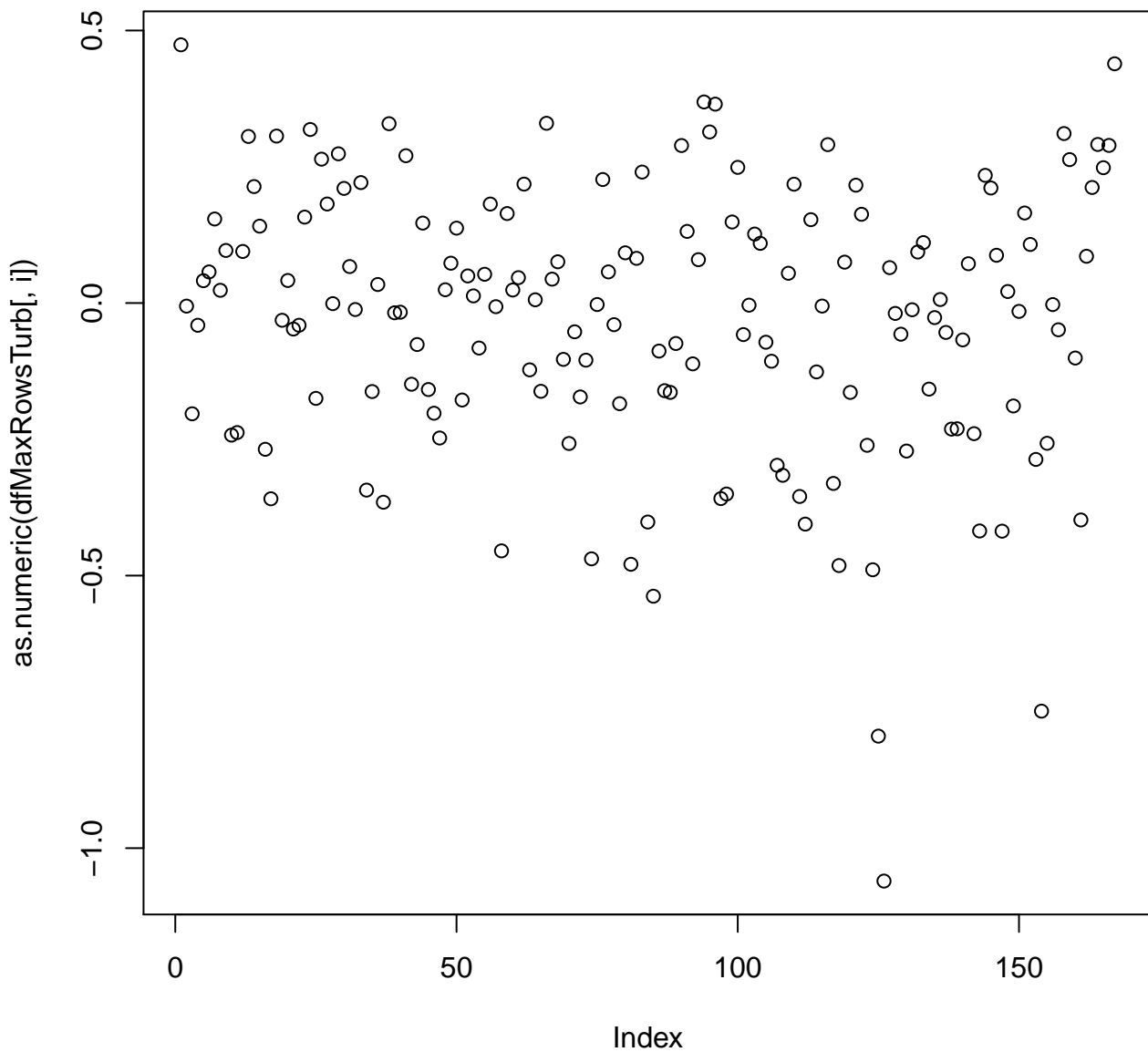
WaveHeightDirection\_Mean\_6\_par



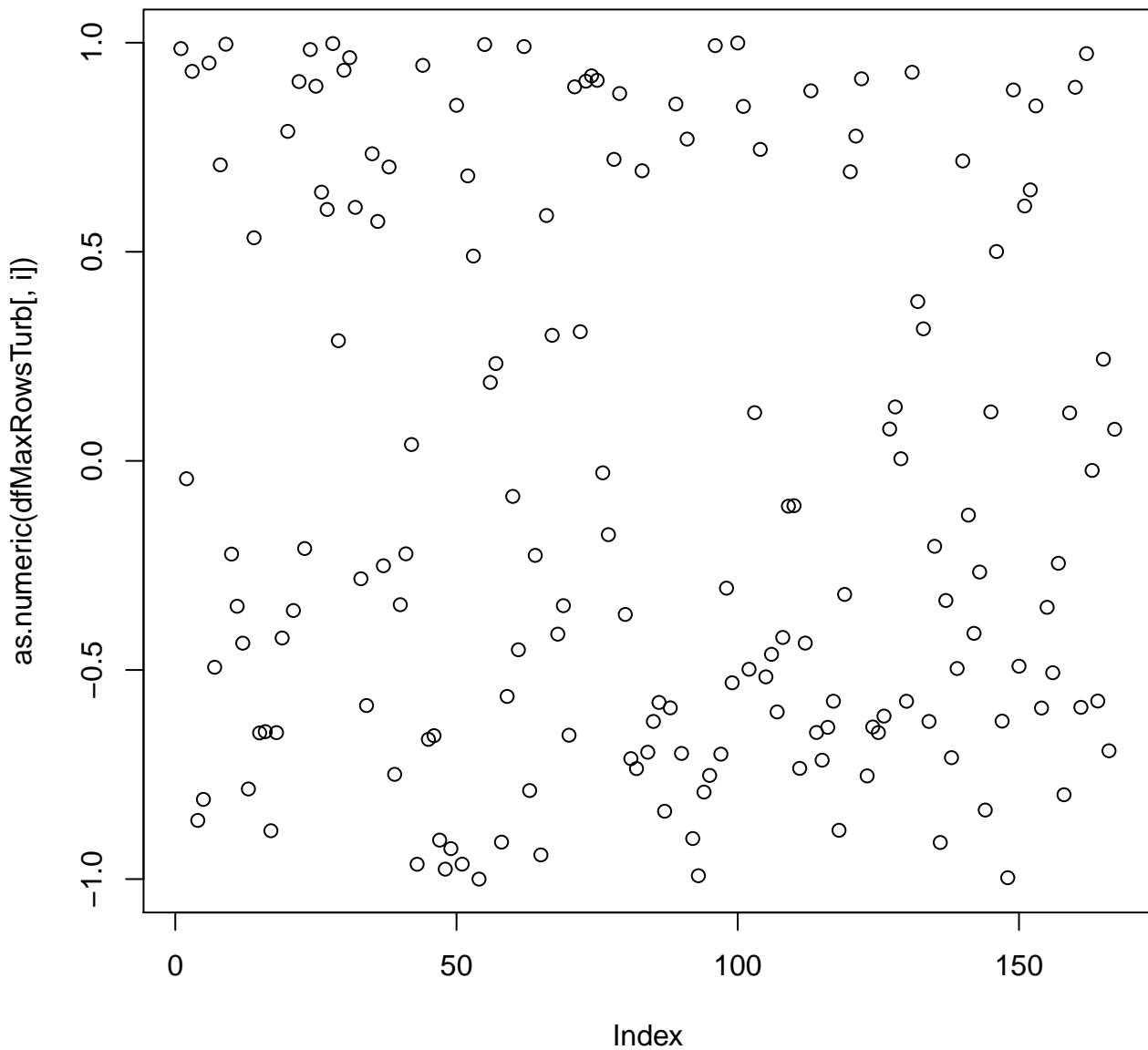
WaveHeightDirection\_Mean\_12\_par



WaveHeightDirection\_Mean\_24\_par

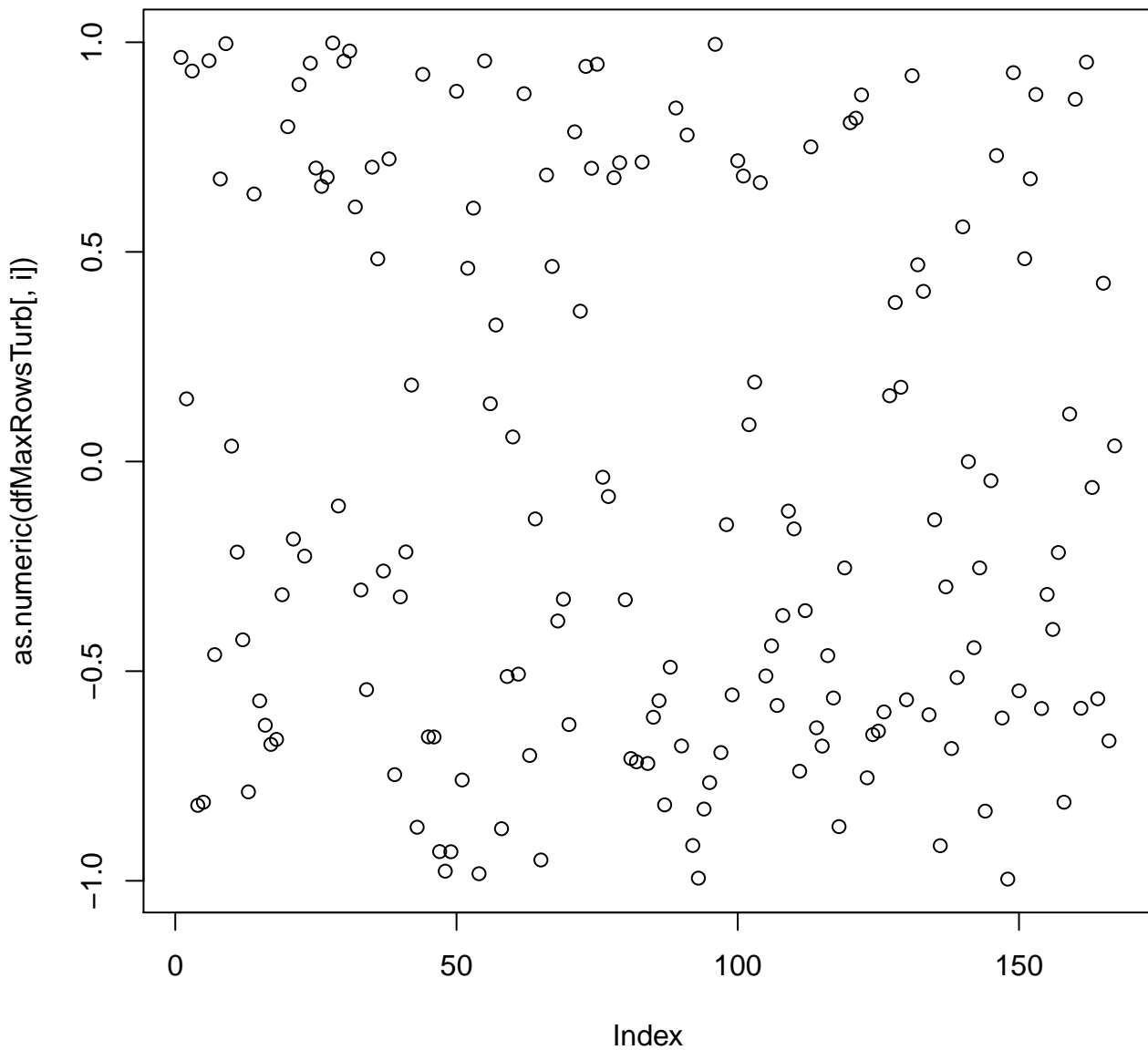


**WaveDirection\_Mean\_1\_perp**

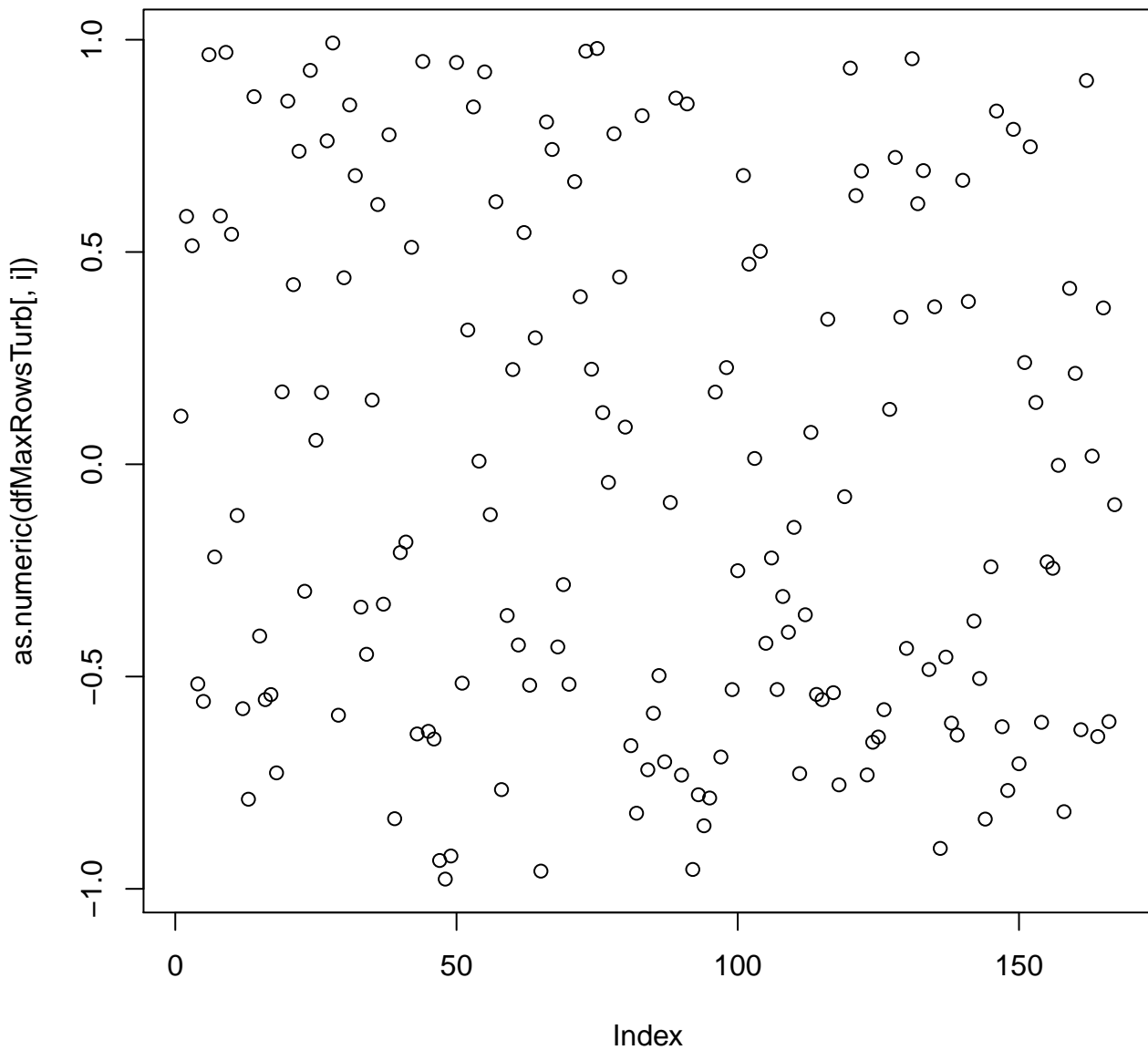




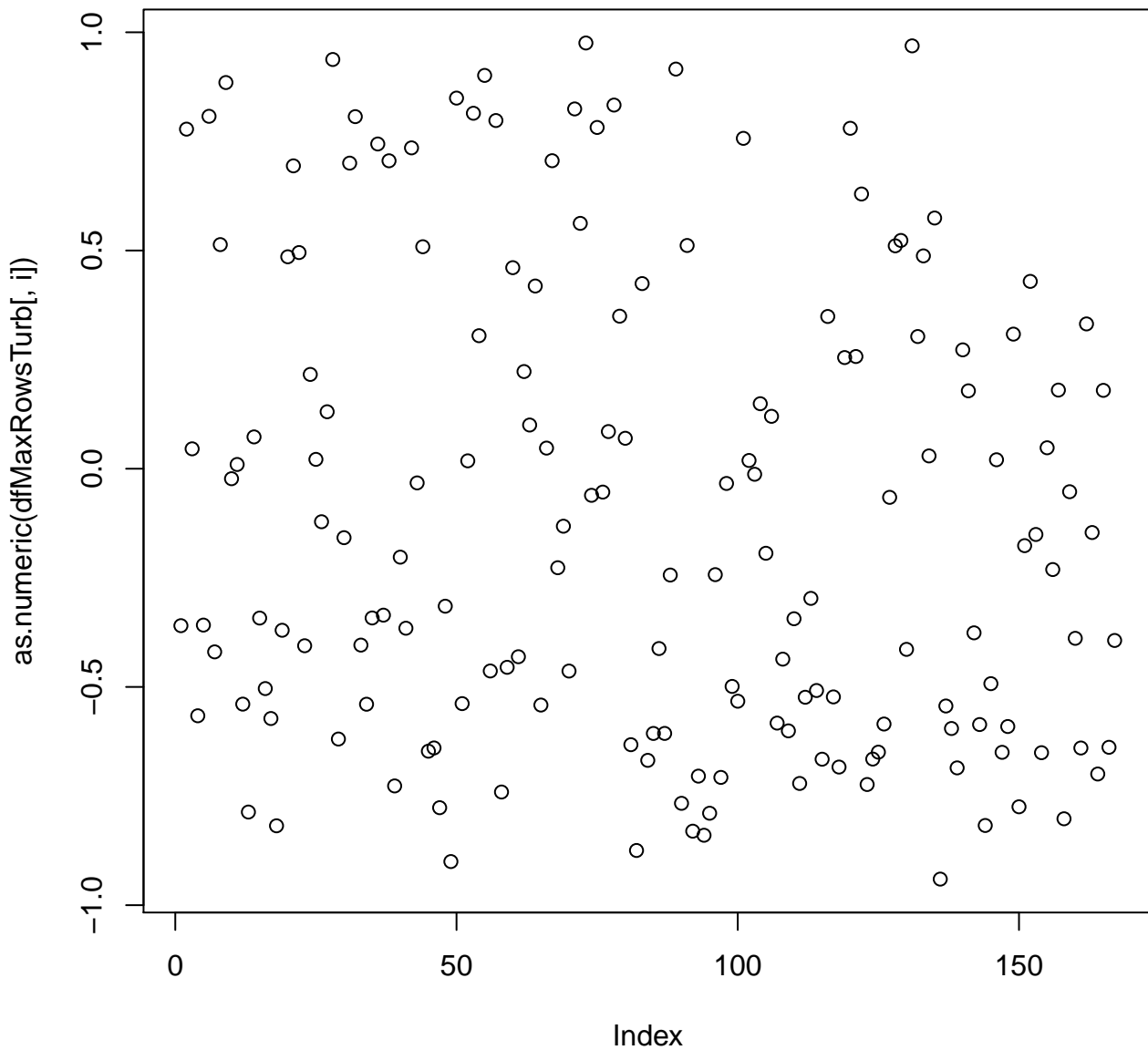
**WaveDirection\_Mean\_2\_perp**



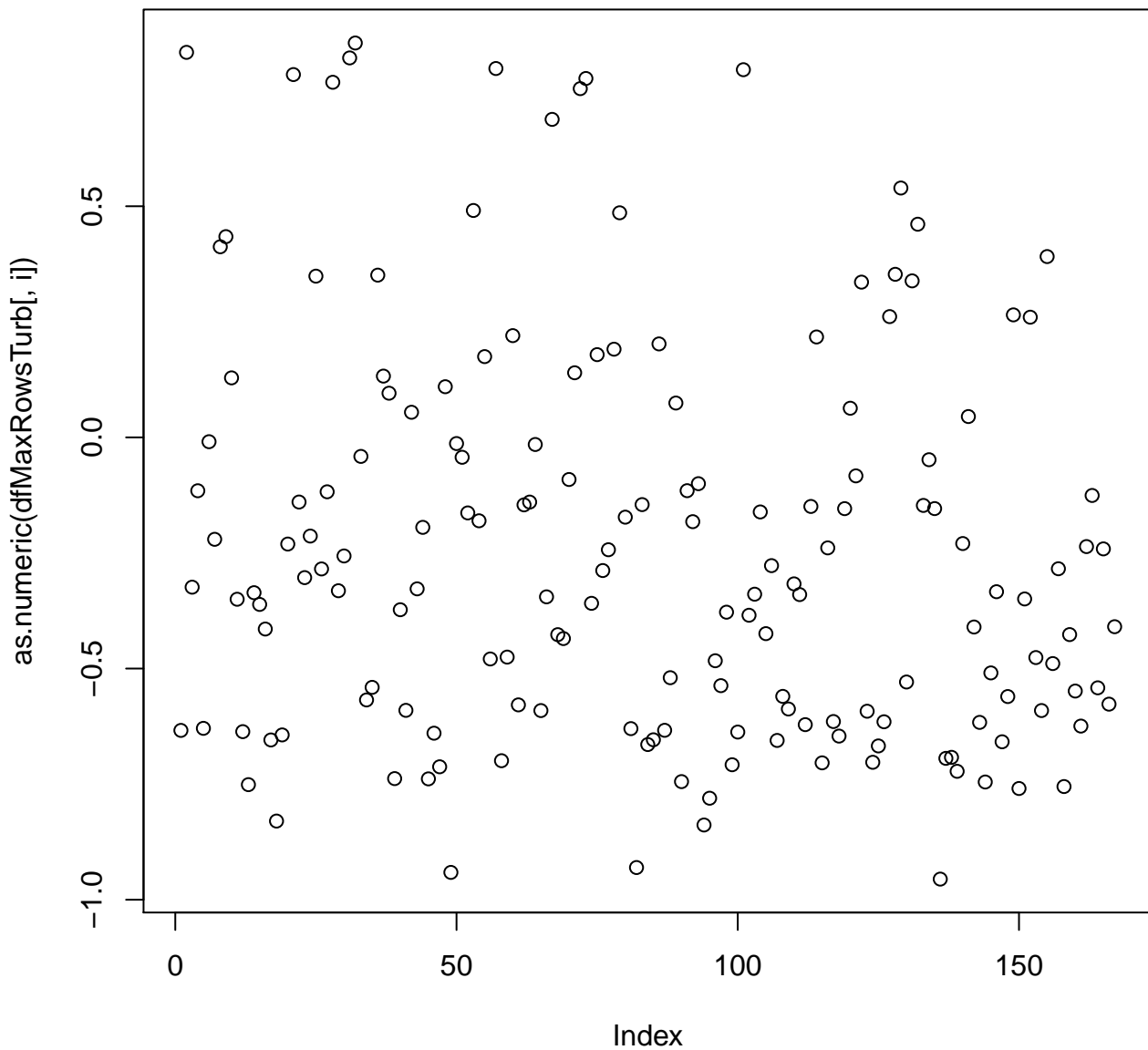
**WaveDirection\_Mean\_6\_perp**



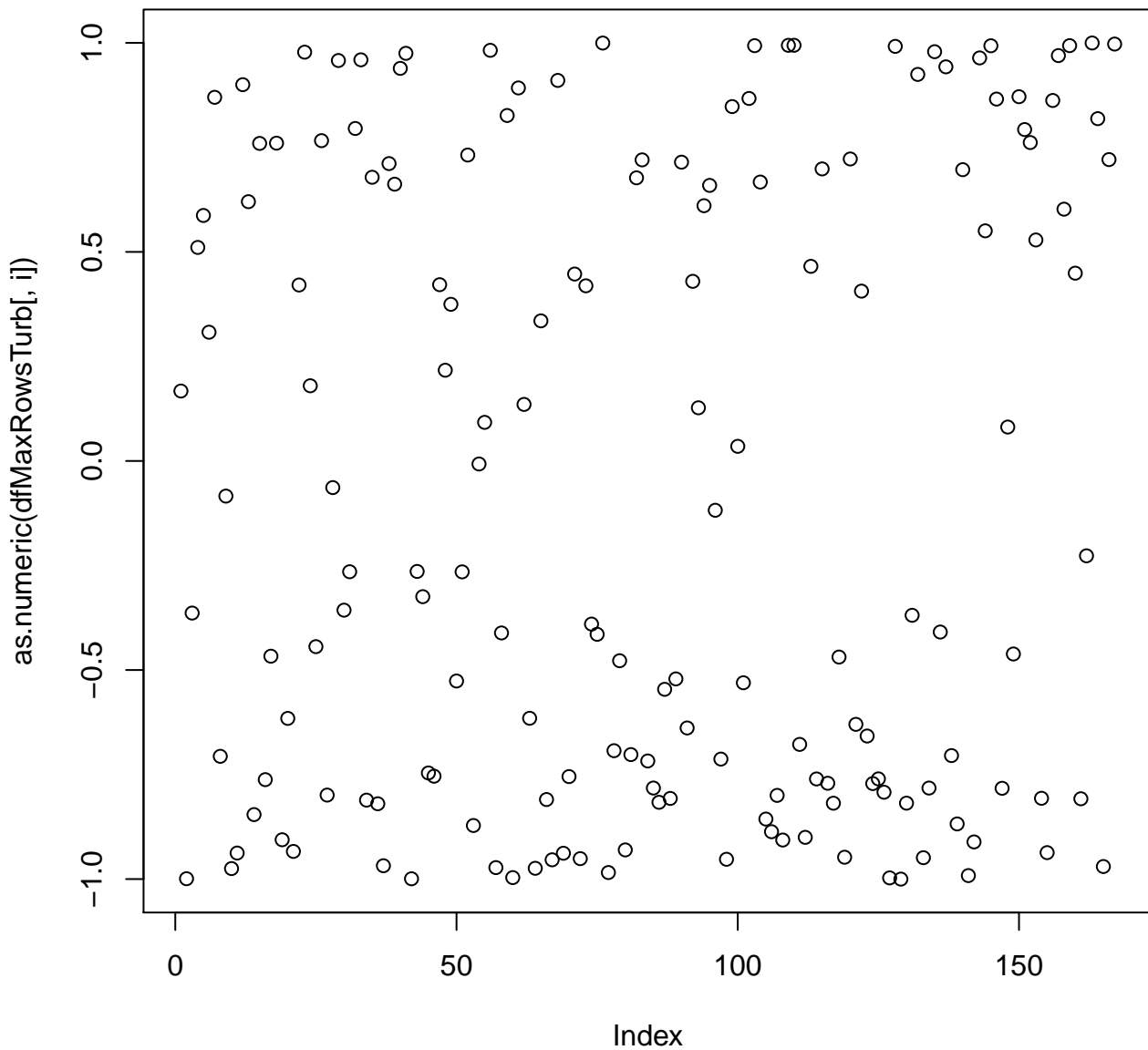
**WaveDirection\_Mean\_12\_perp**



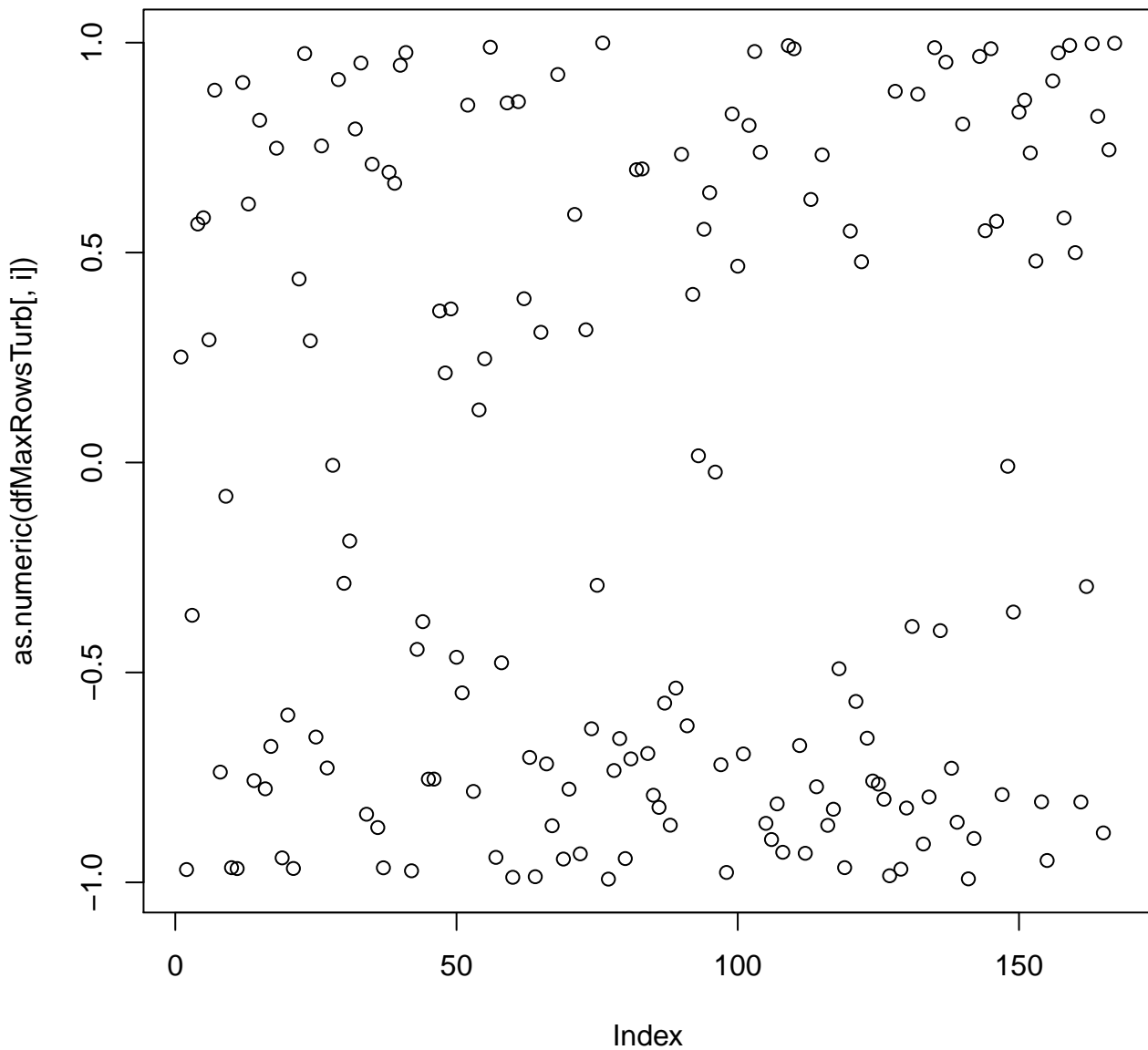
**WaveDirection\_Mean\_24\_perp**



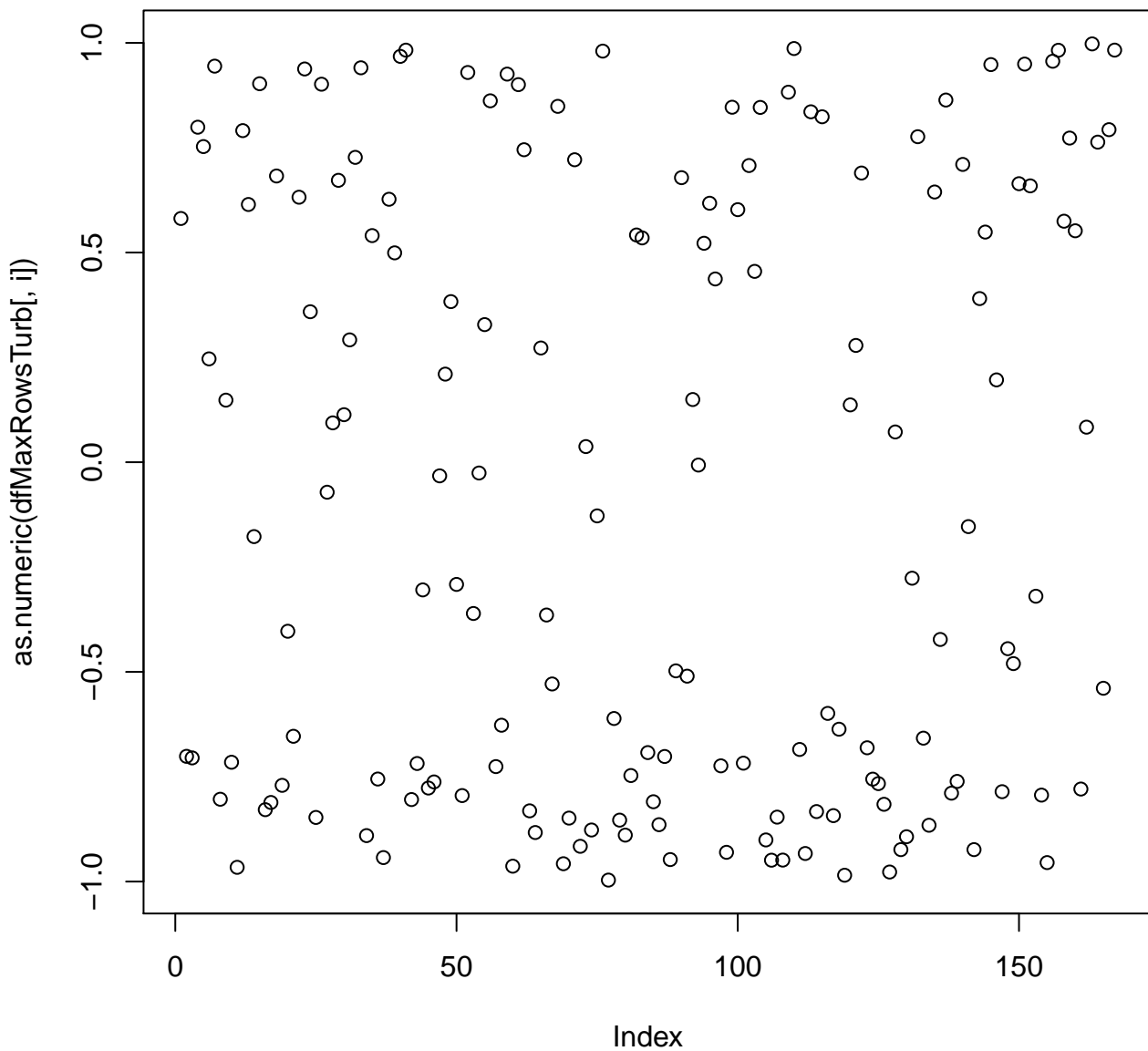
# WaveDirection\_Mean\_1\_par



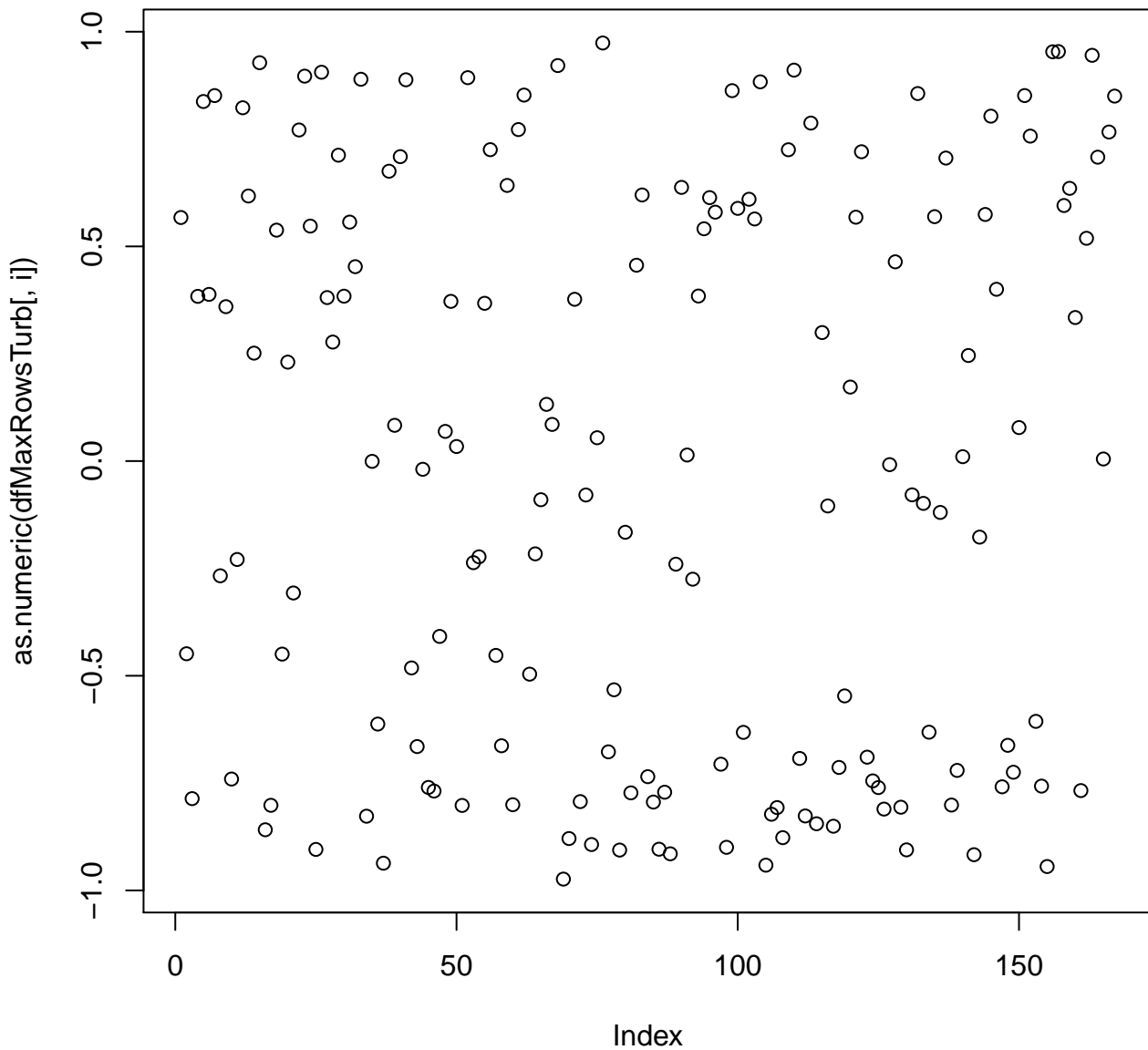
WaveDirection\_Mean\_2\_par



WaveDirection\_Mean\_6\_par

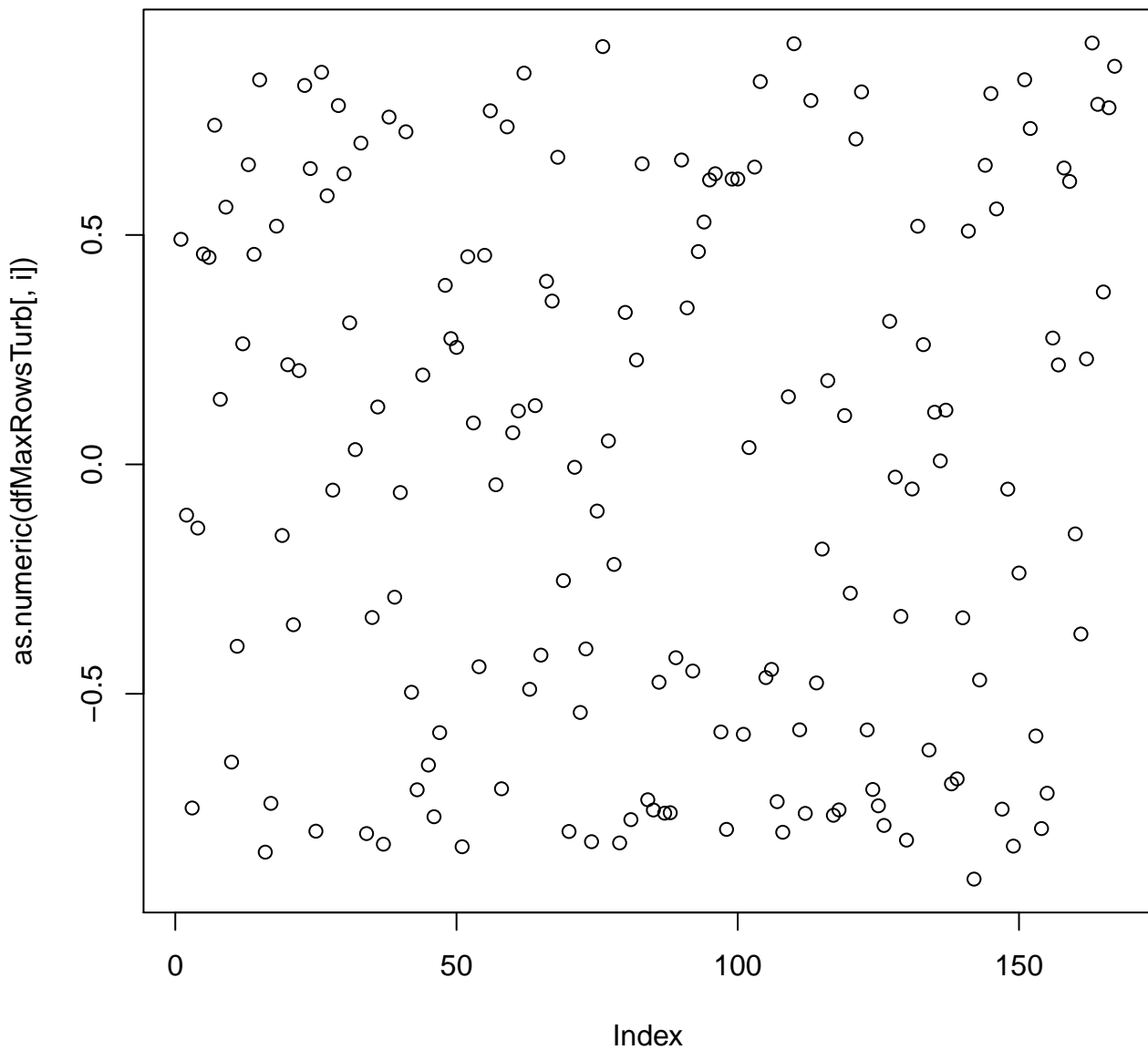


WaveDirection\_Mean\_12\_par

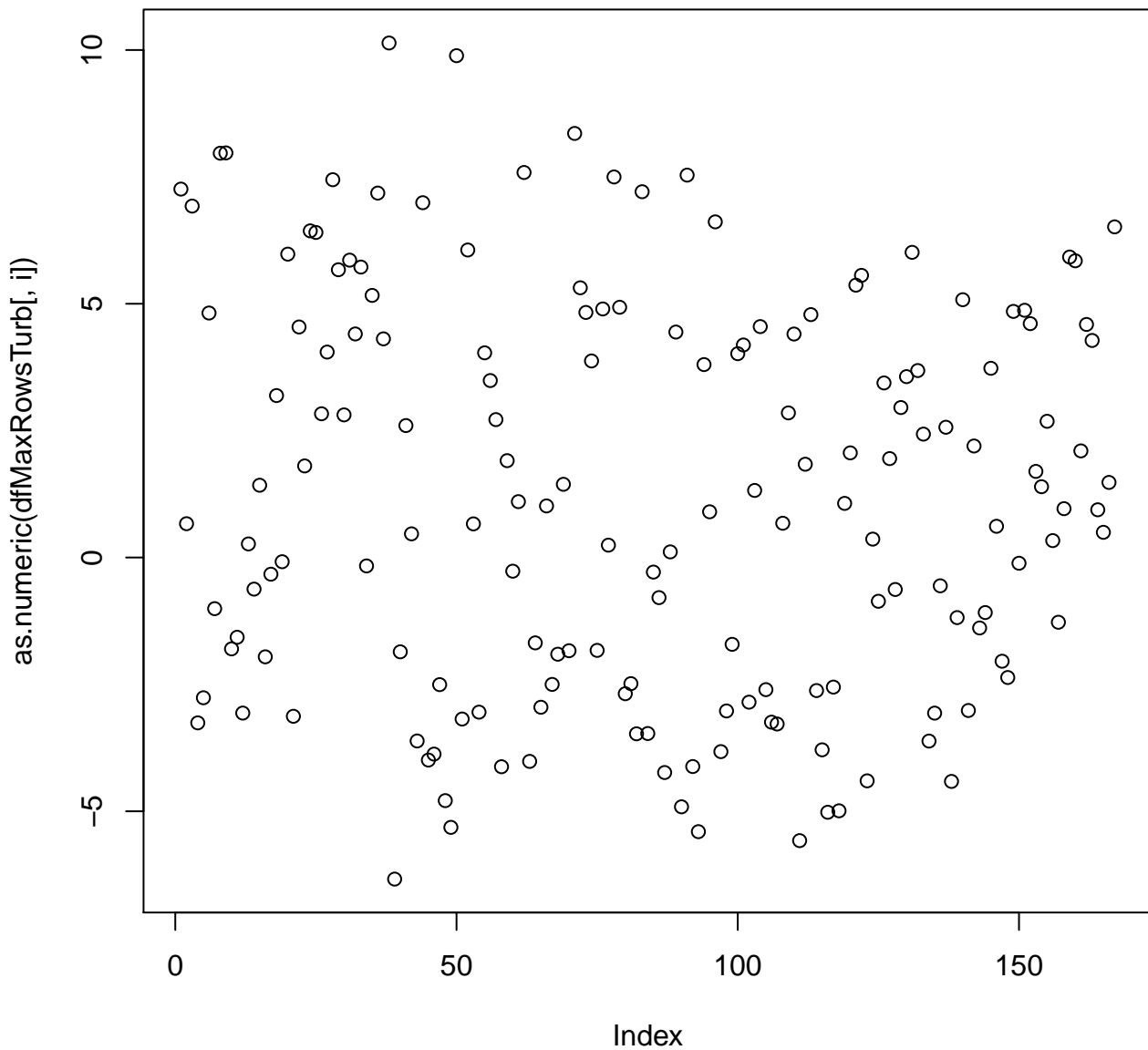




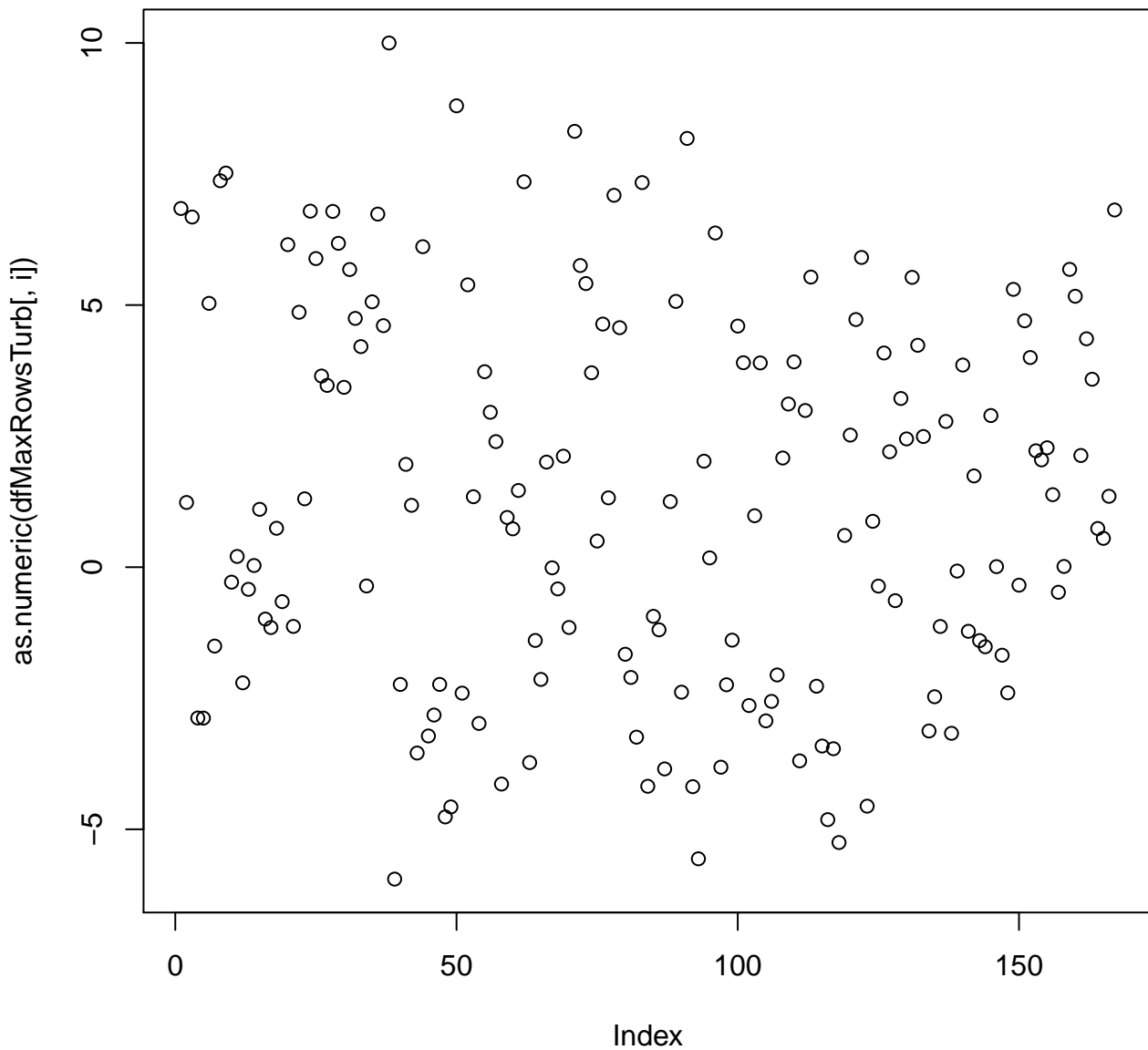
**WaveDirection\_Mean\_24\_par**



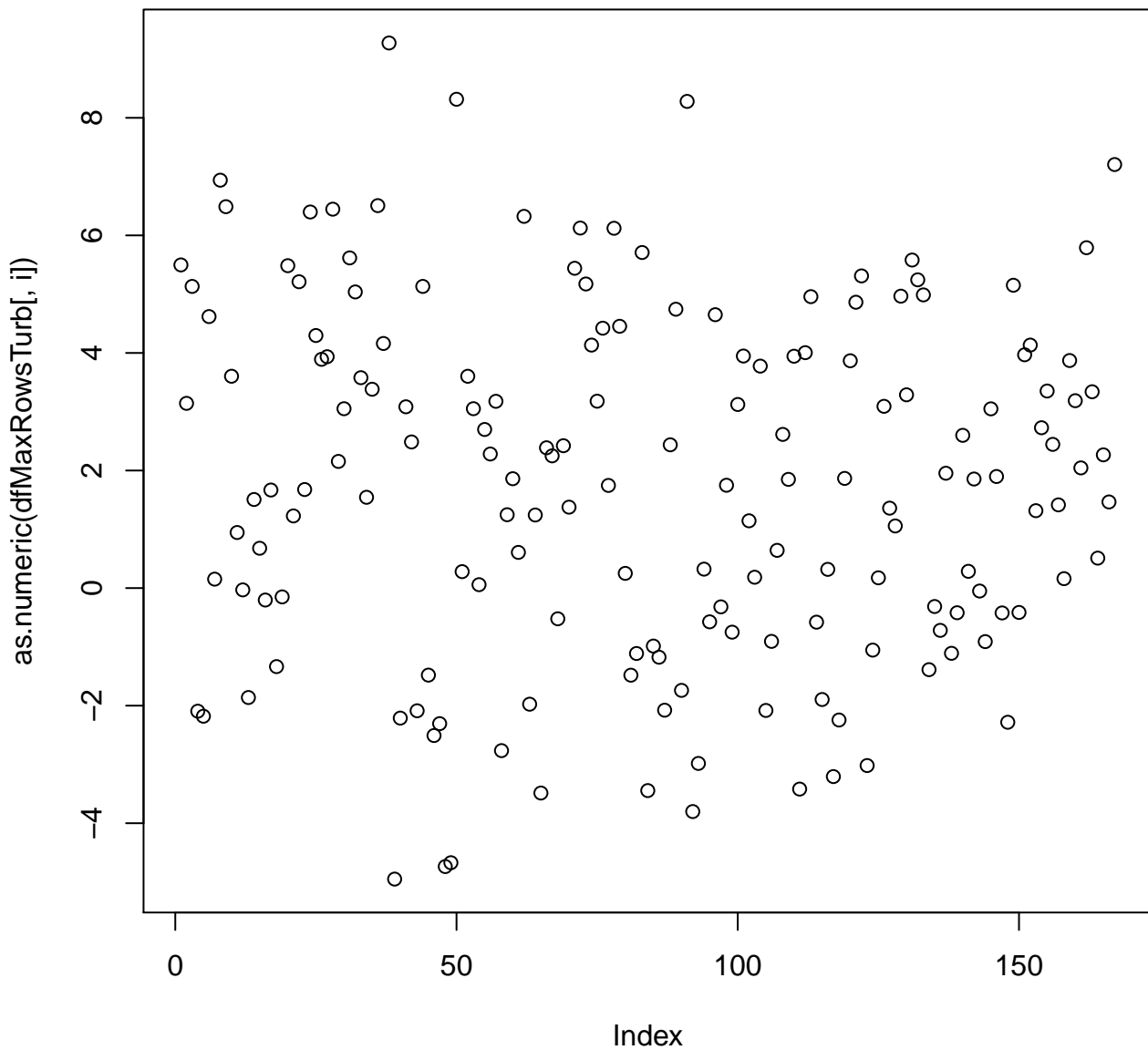
# Wind\_Mean\_1\_perp



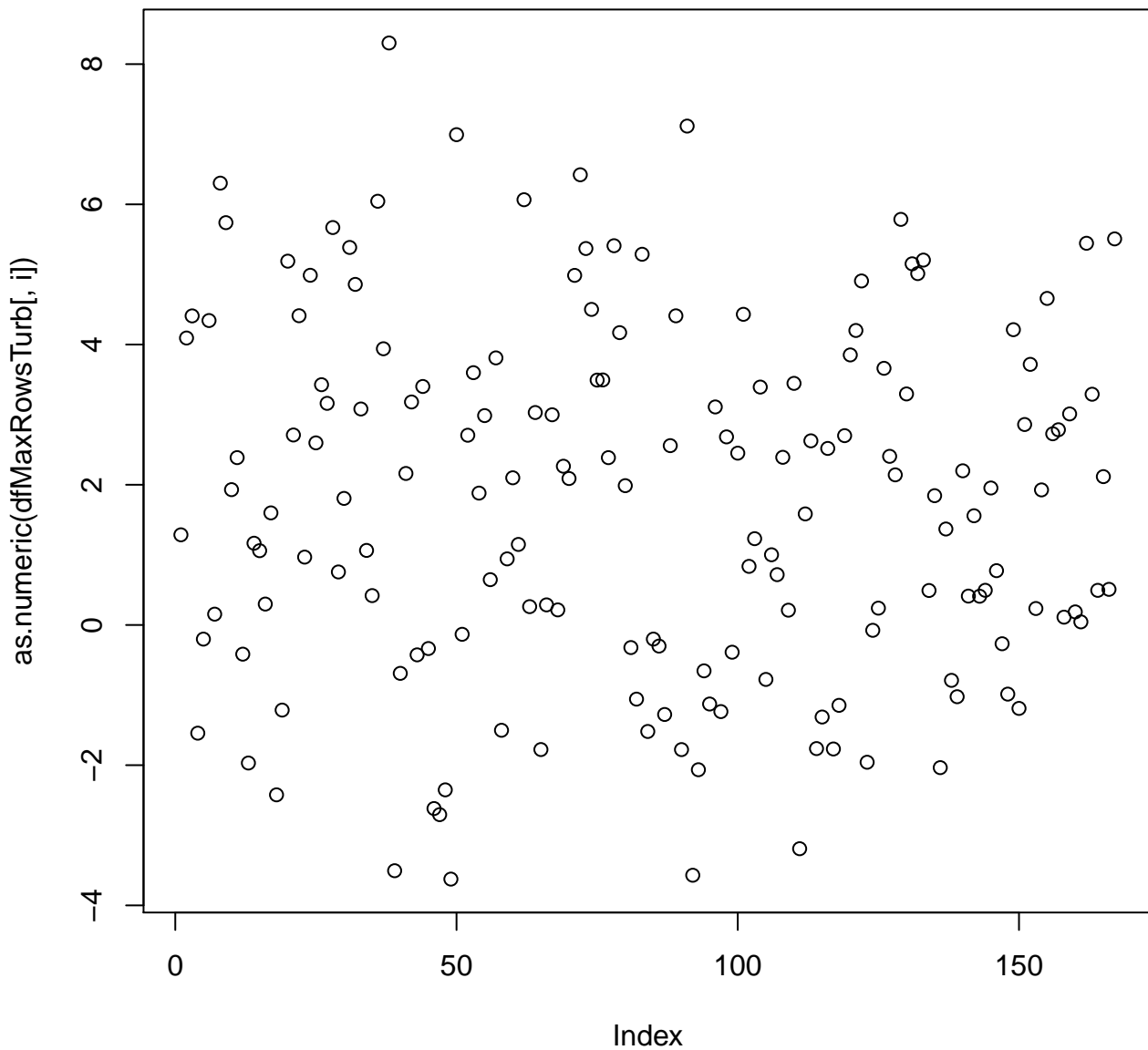
# Wind\_Mean\_2\_perp



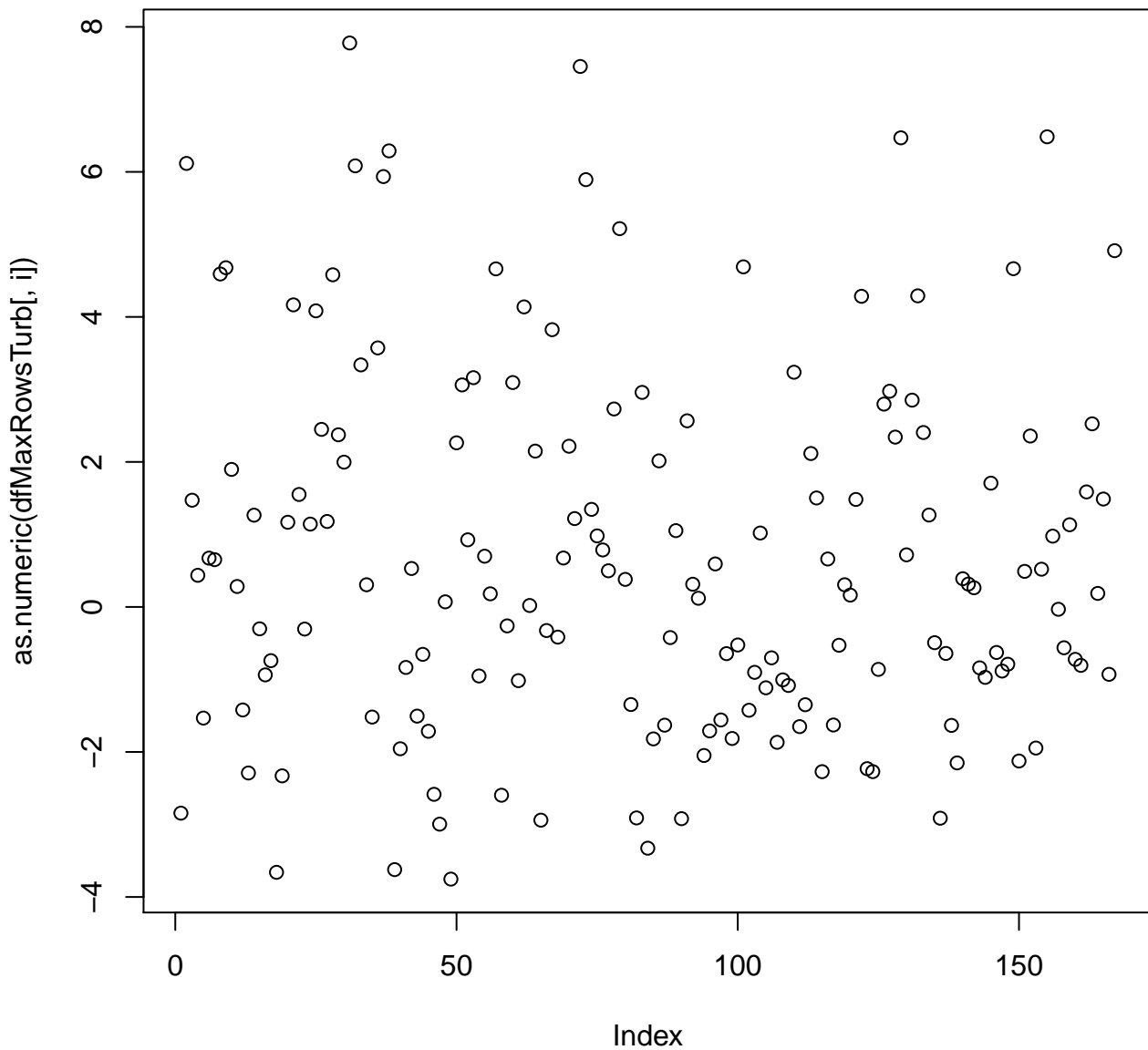
# Wind\_Mean\_6\_perp



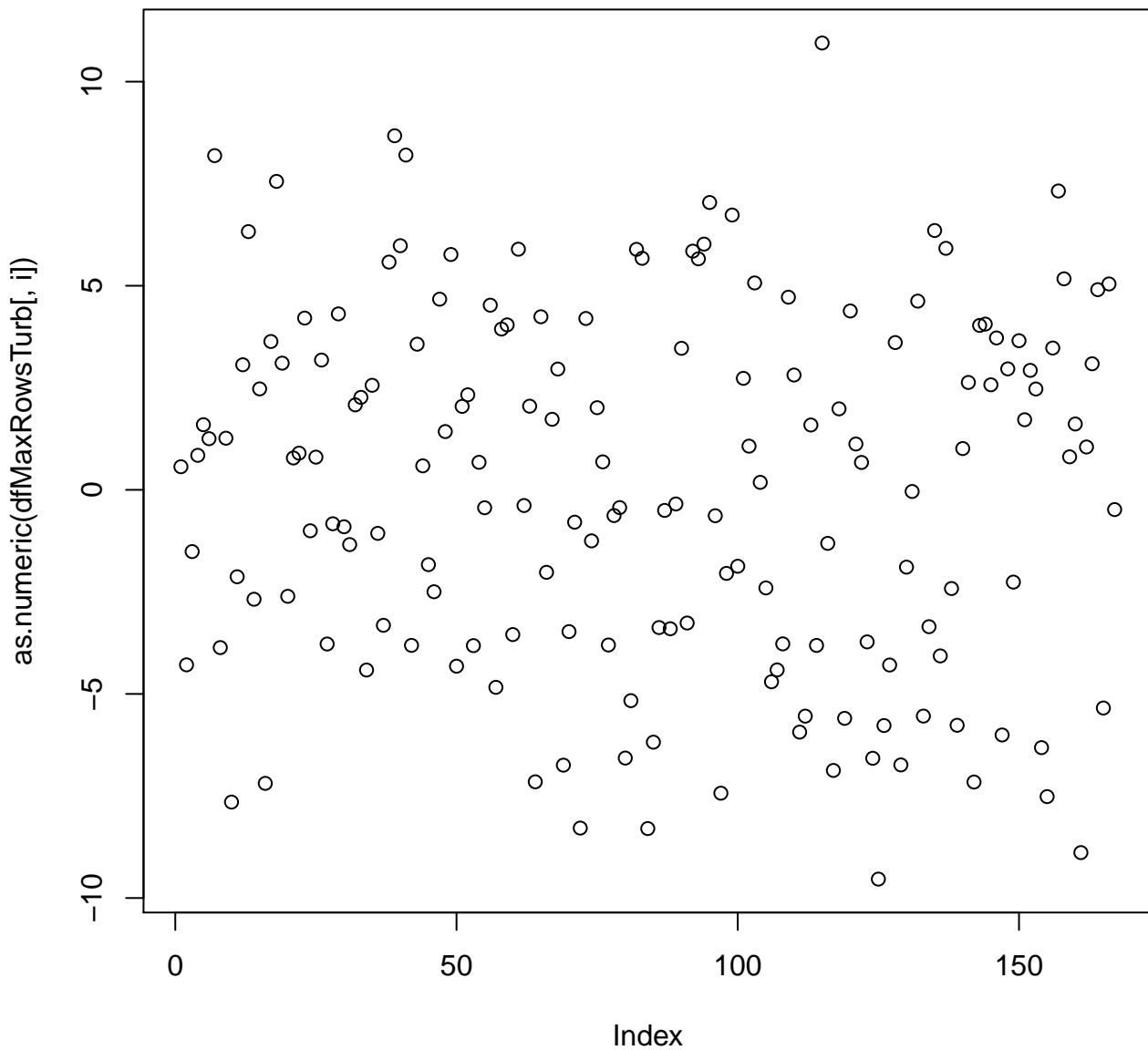
**Wind\_Mean\_12\_perp**



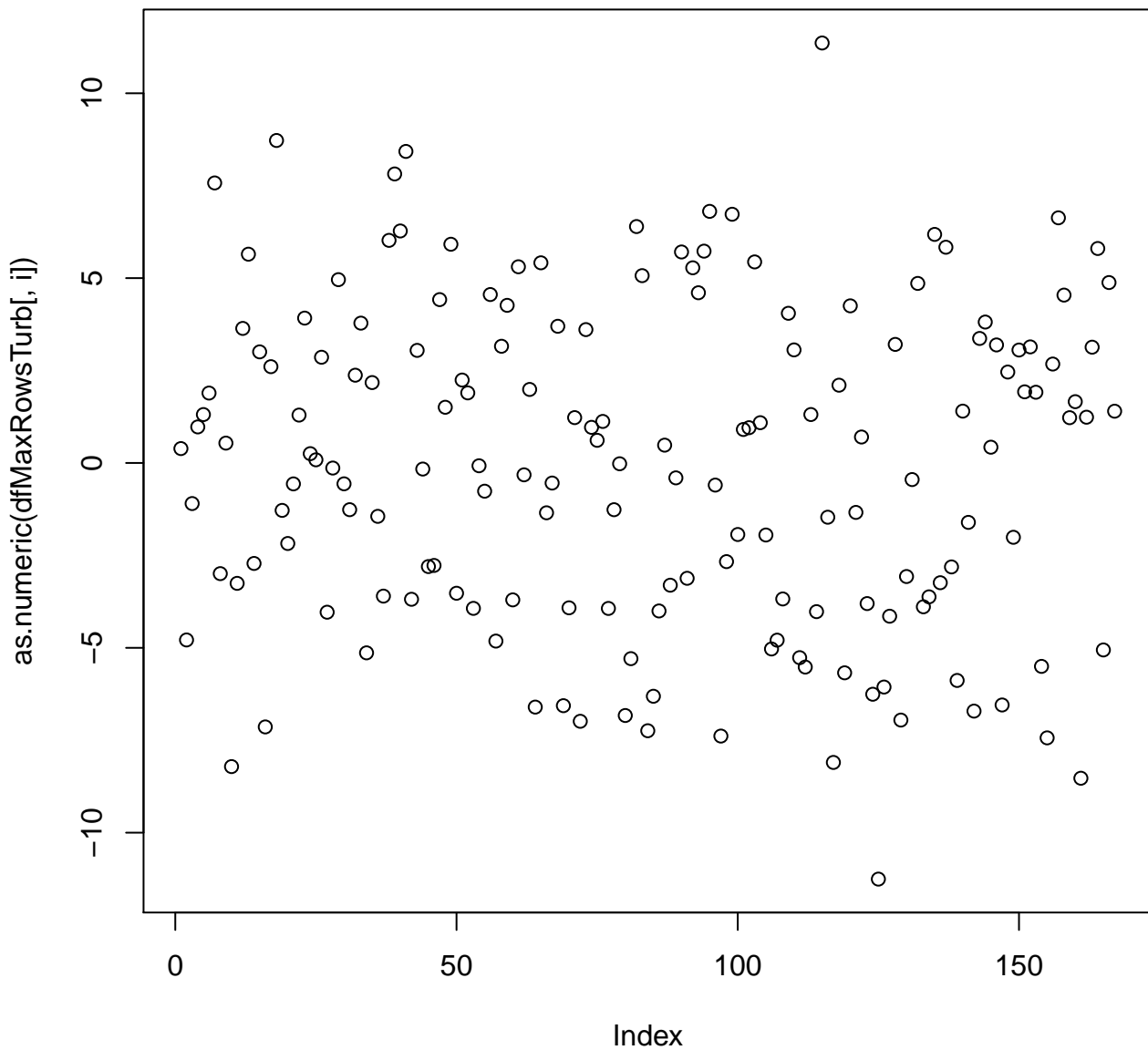
**Wind\_Mean\_24\_perp**



Wind\_Mean\_1\_par

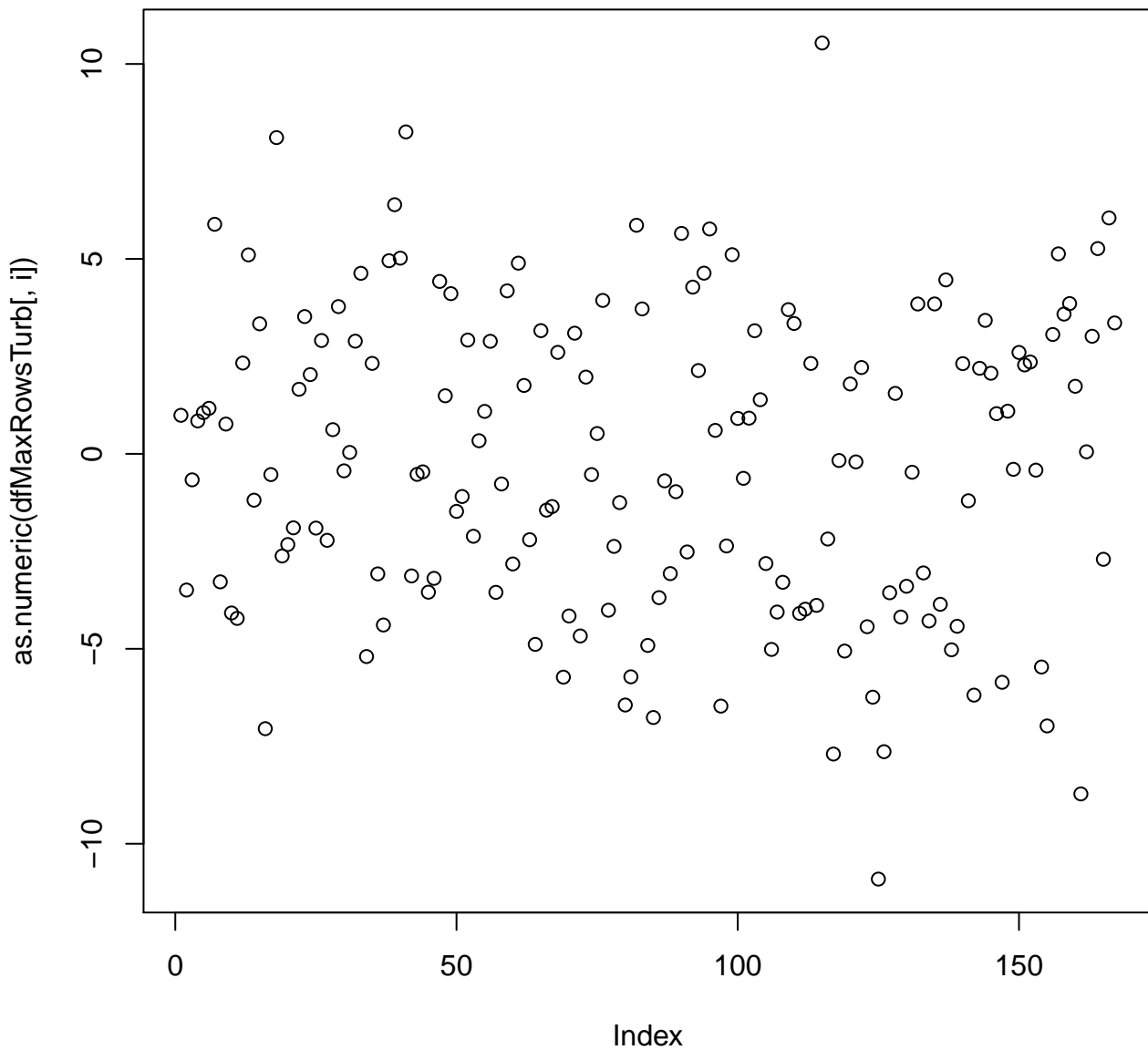


# Wind\_Mean\_2\_par

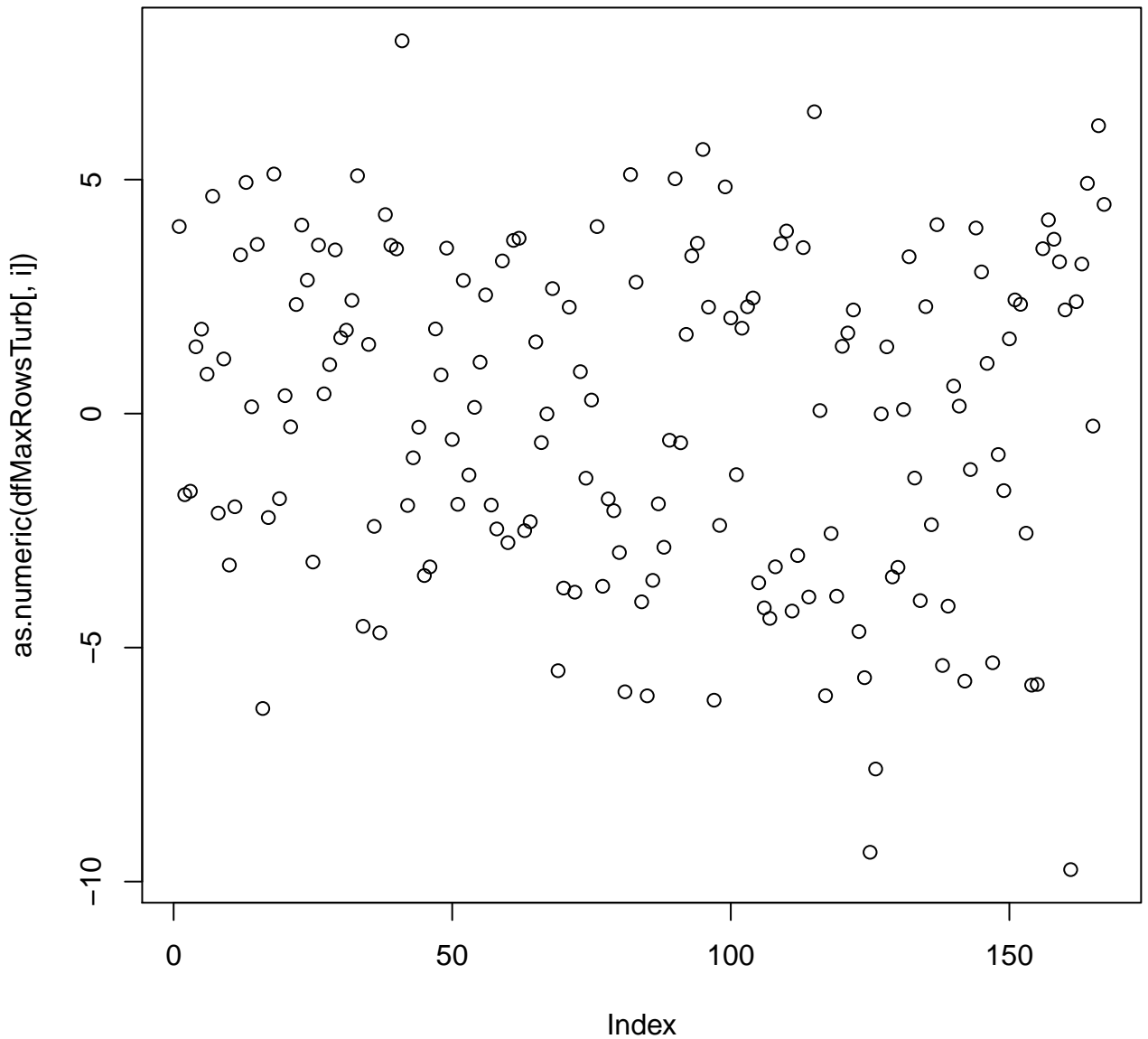




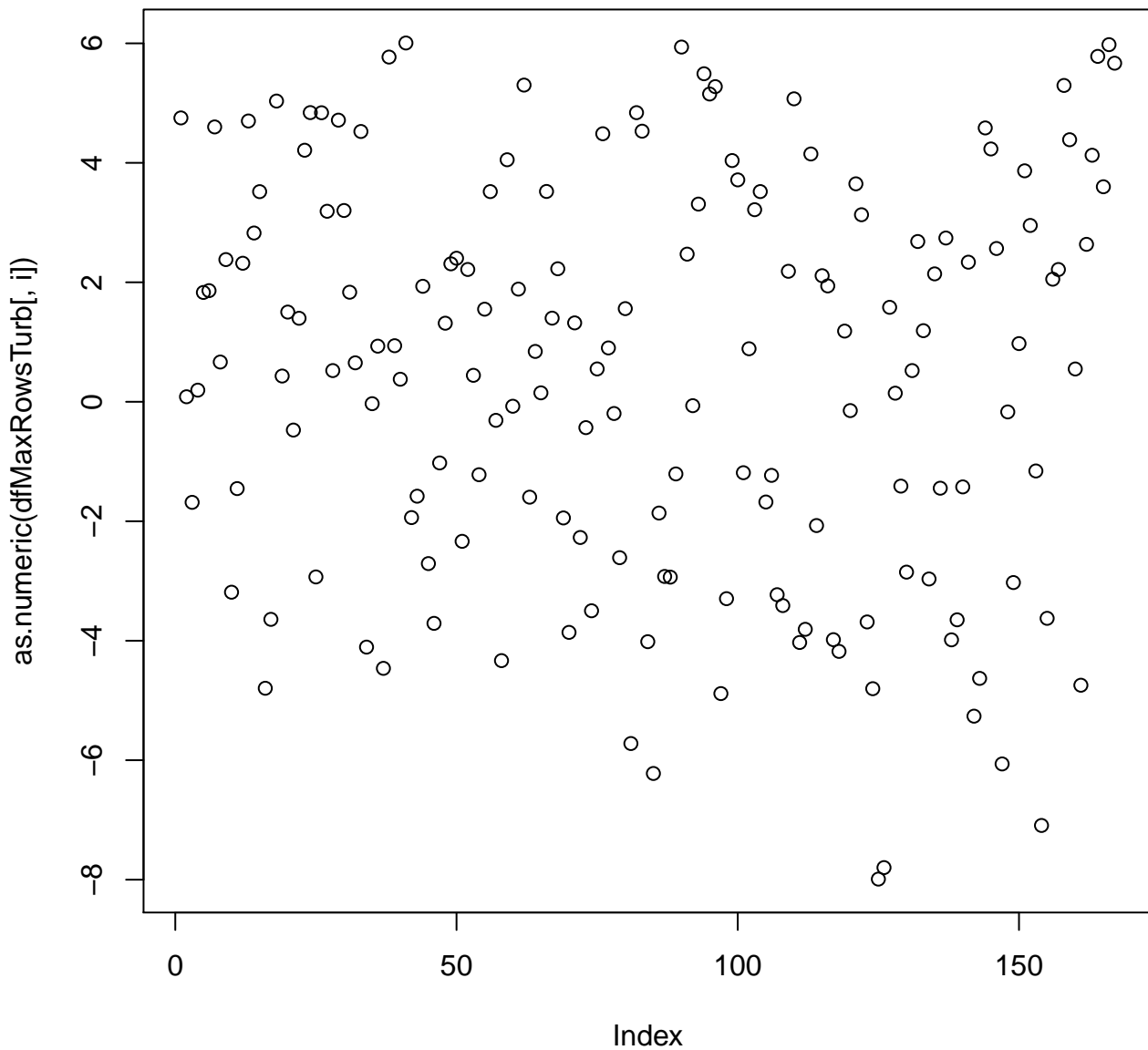
Wind\_Mean\_6\_par



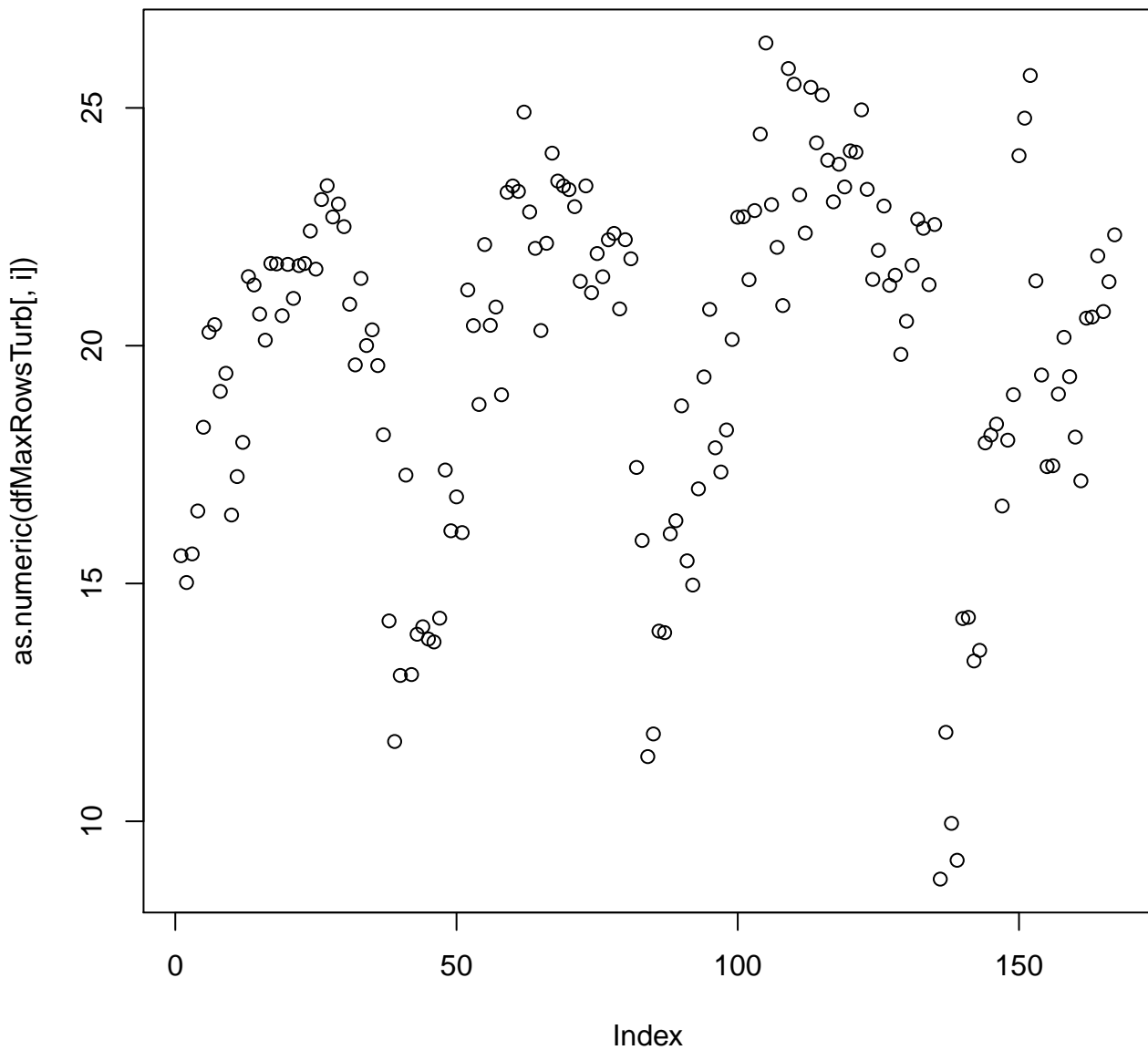
Wind\_Mean\_12\_par



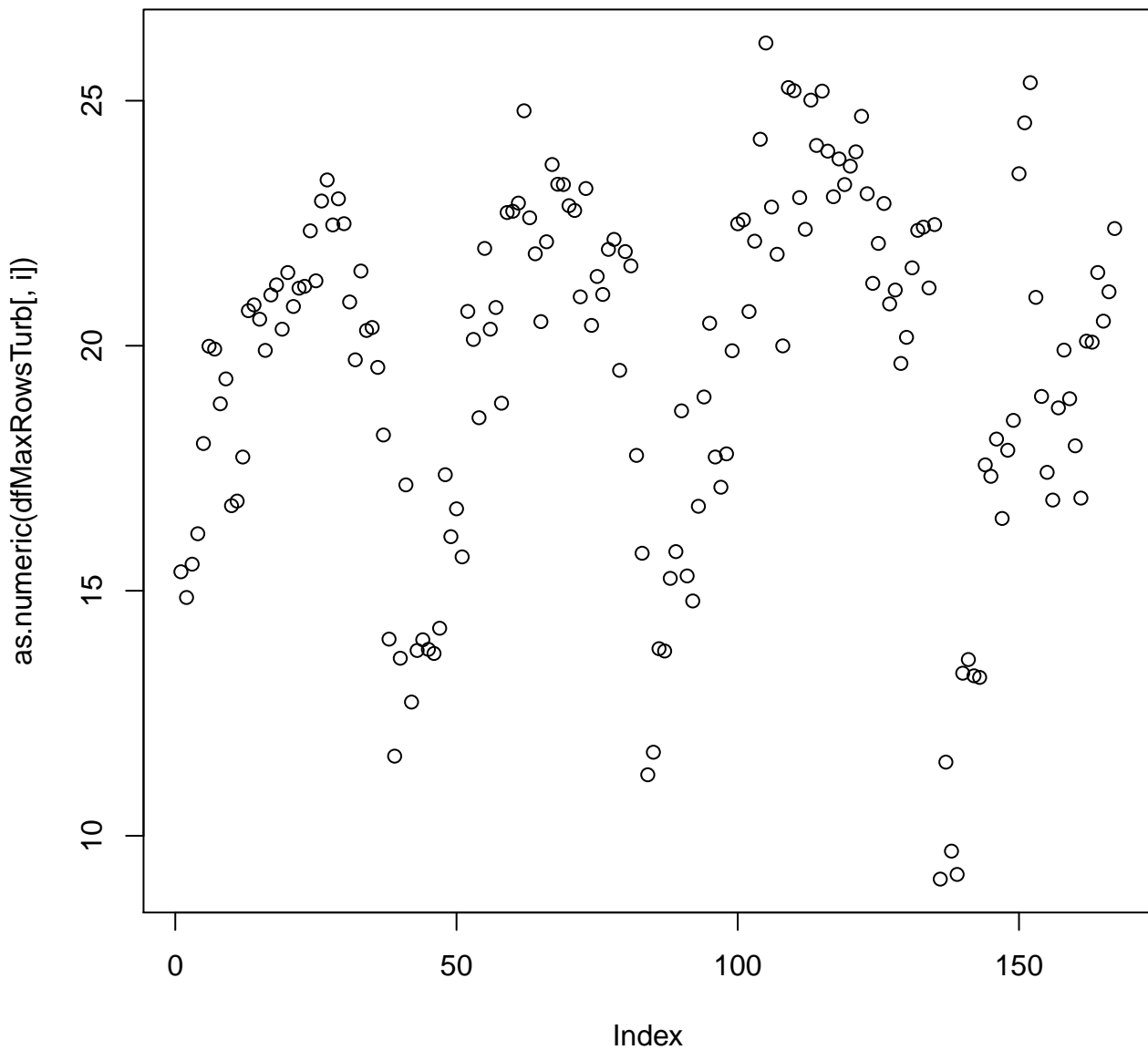
# Wind\_Mean\_24\_par



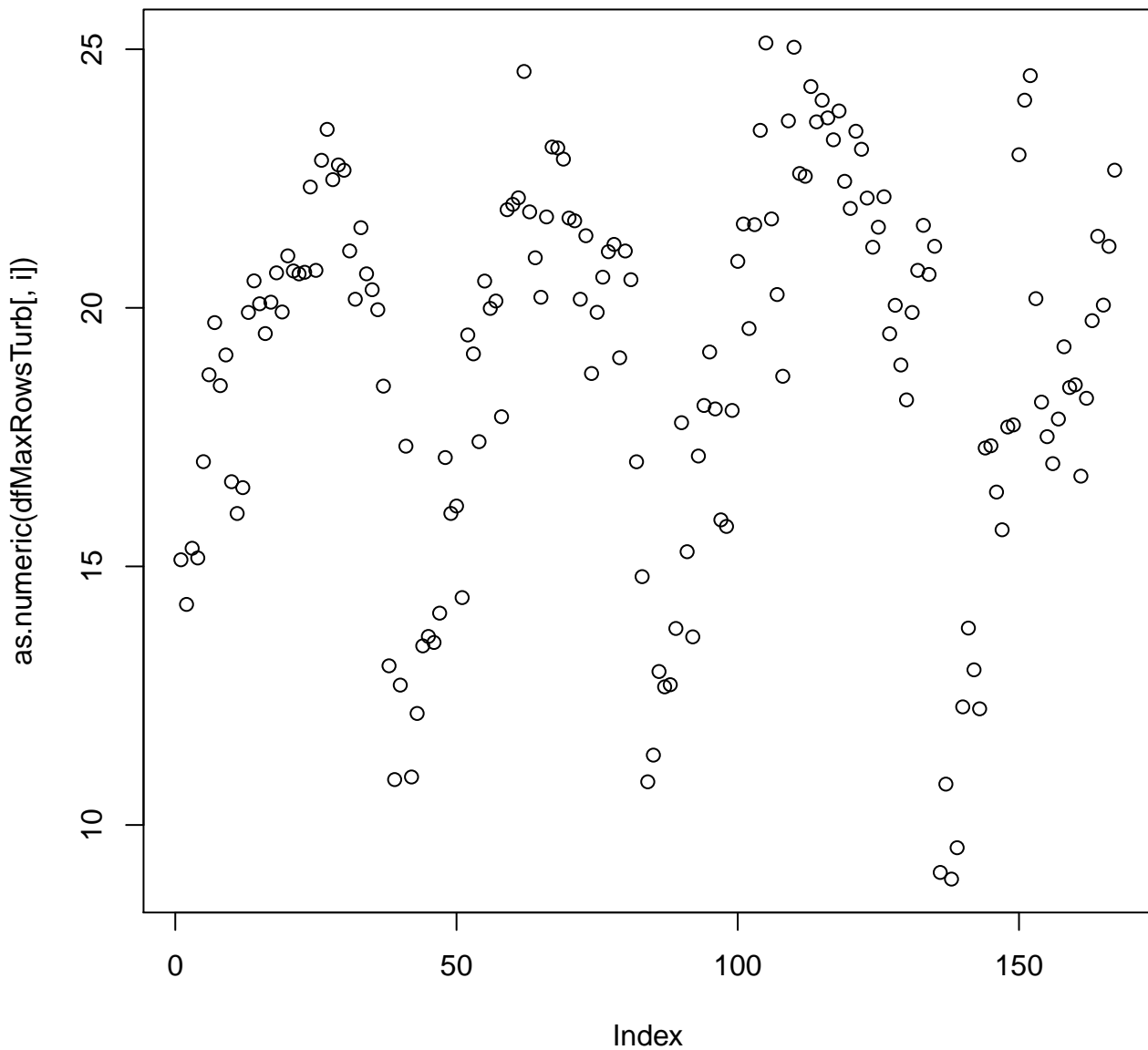
**AirTemperature\_Mean\_1**



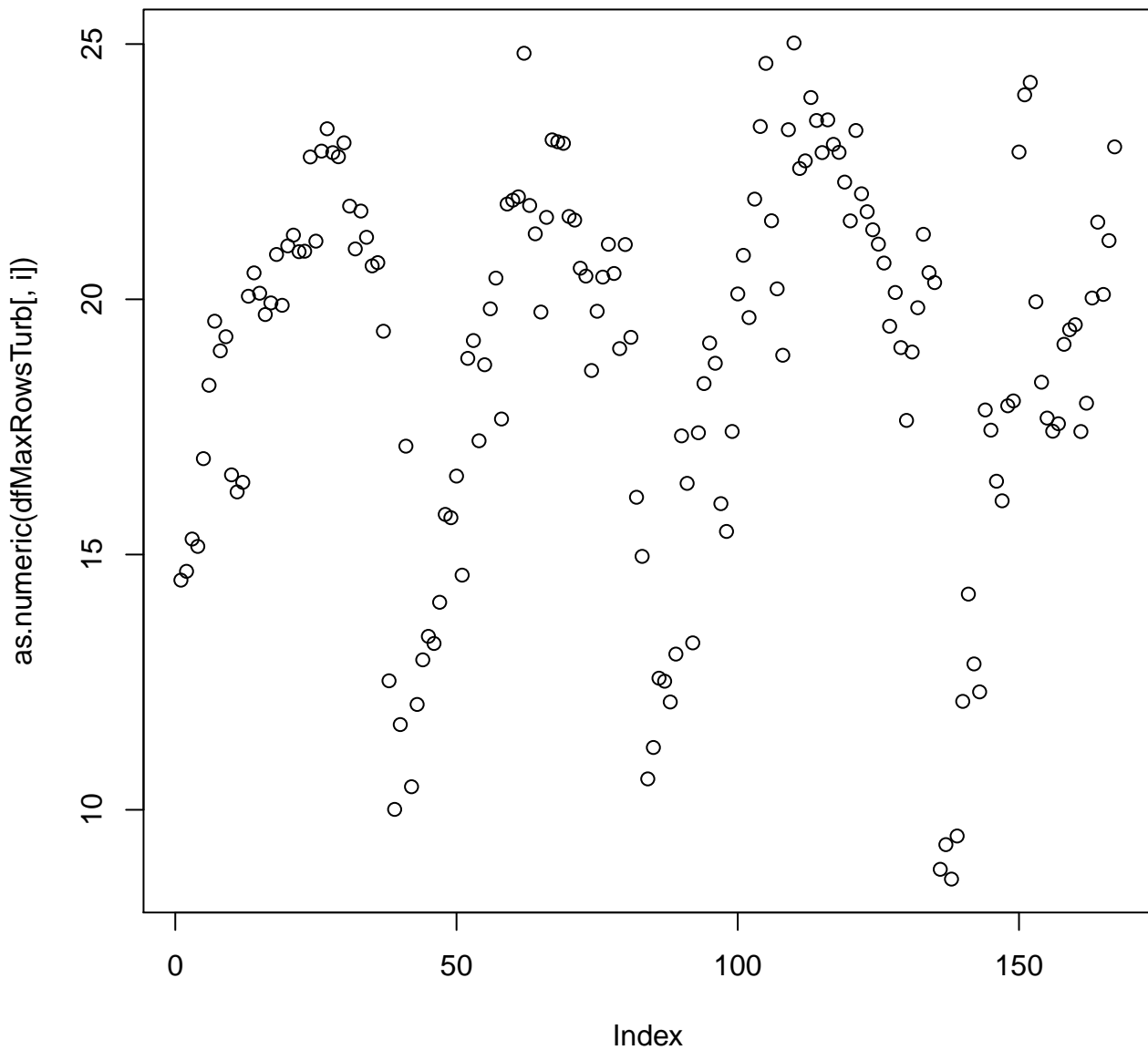
**AirTemperature\_Mean\_2**



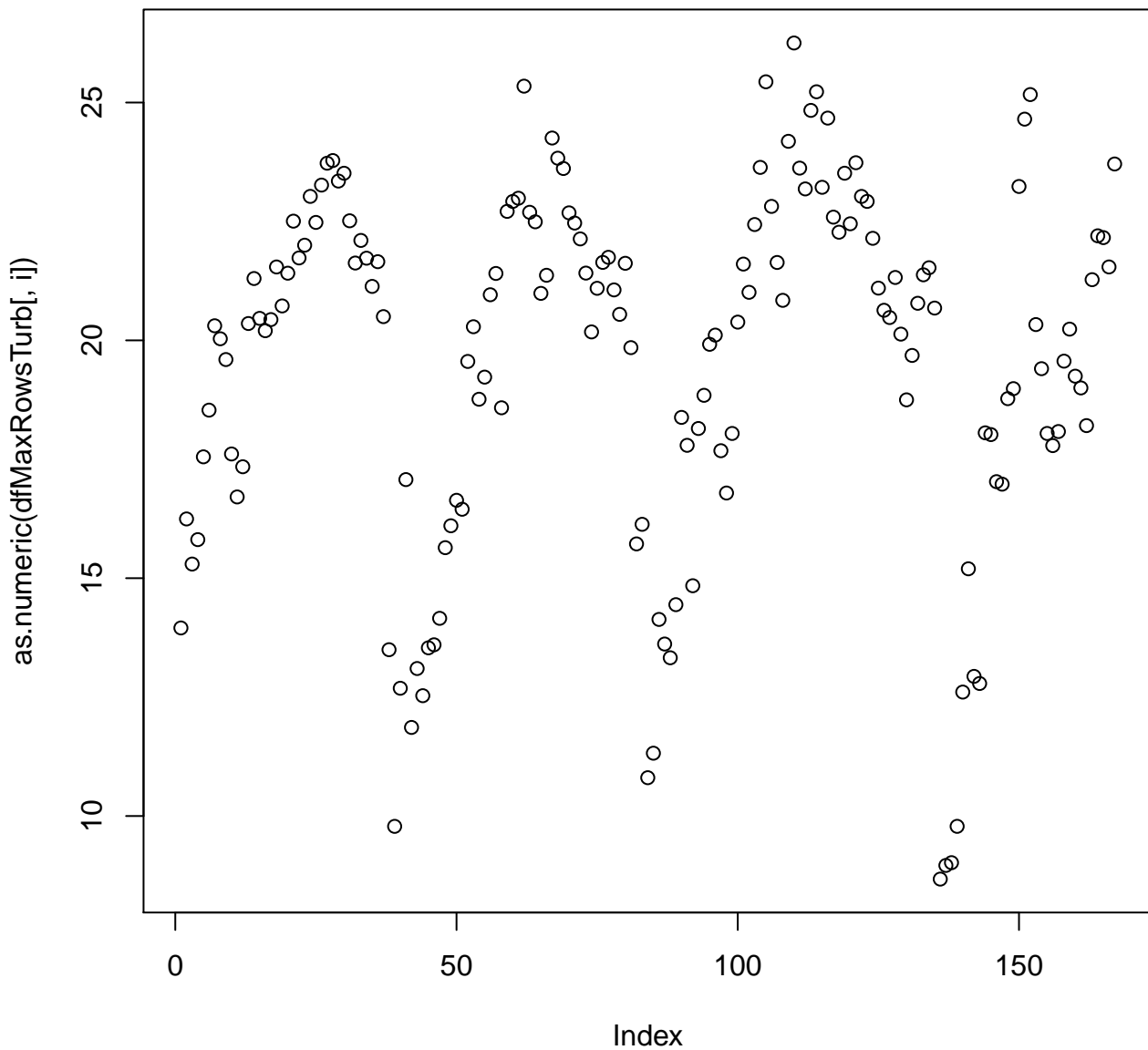
**AirTemperature\_Mean\_6**



**AirTemperature\_Mean\_12**

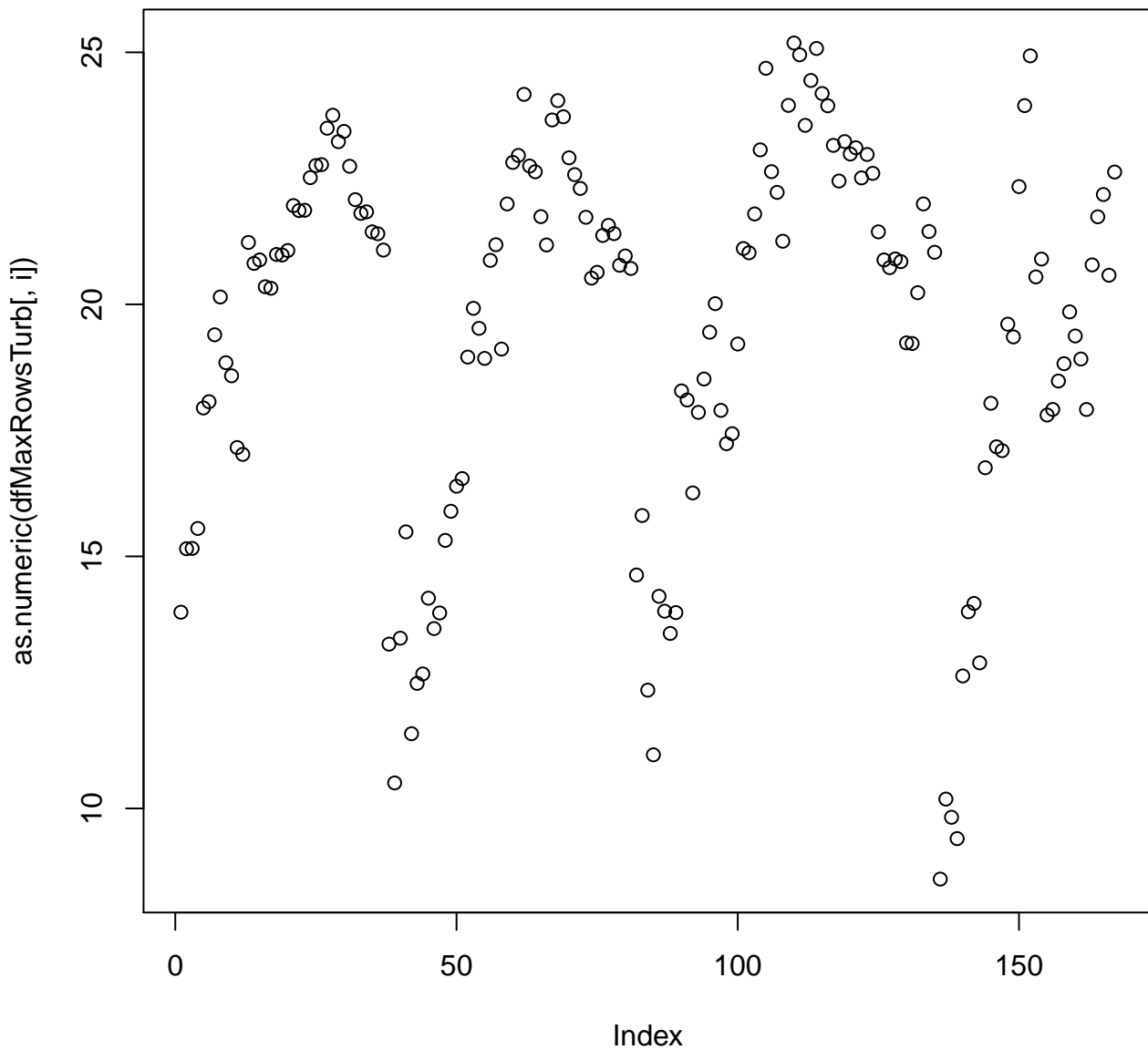


**AirTemperature\_Mean\_24**

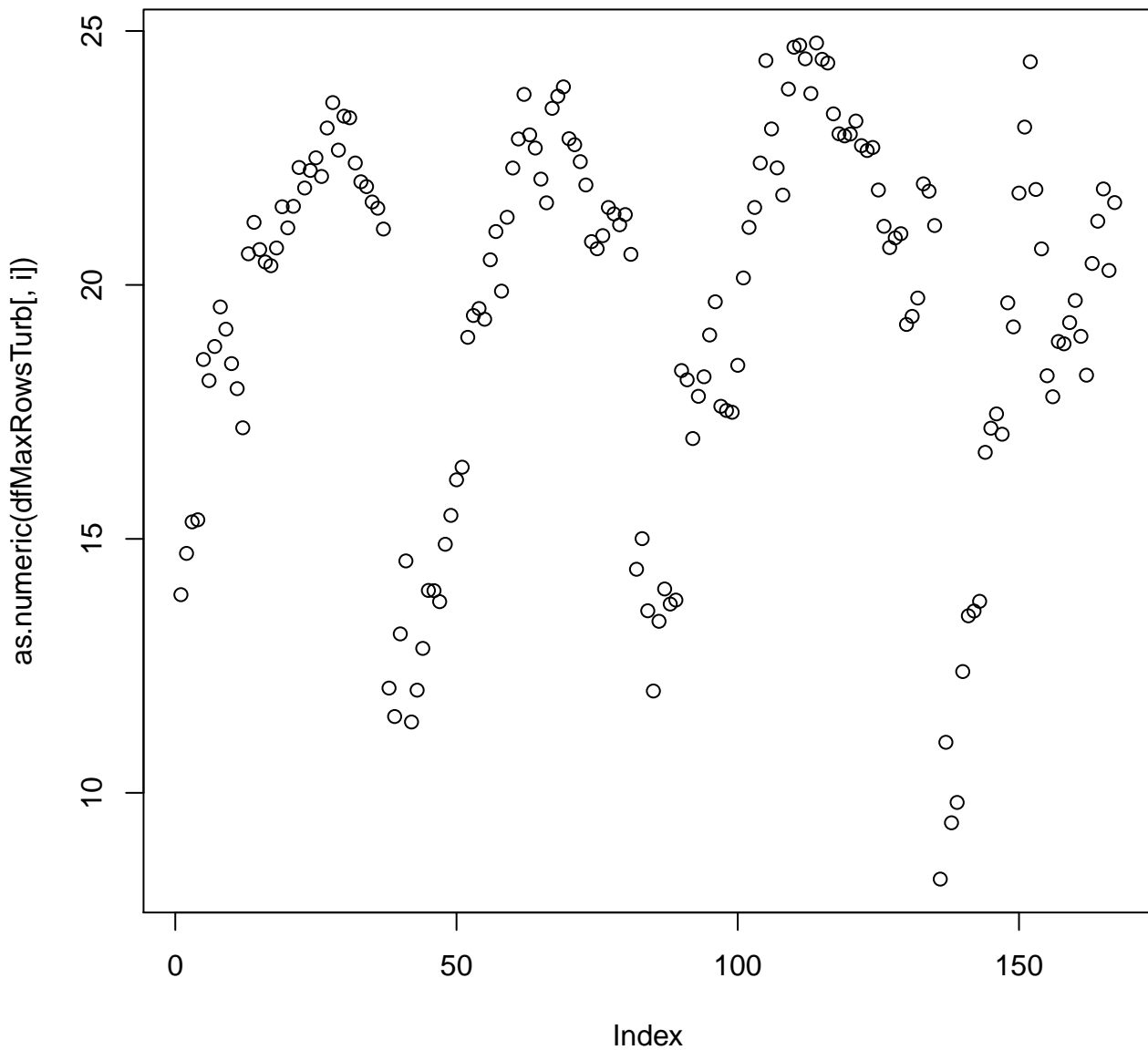




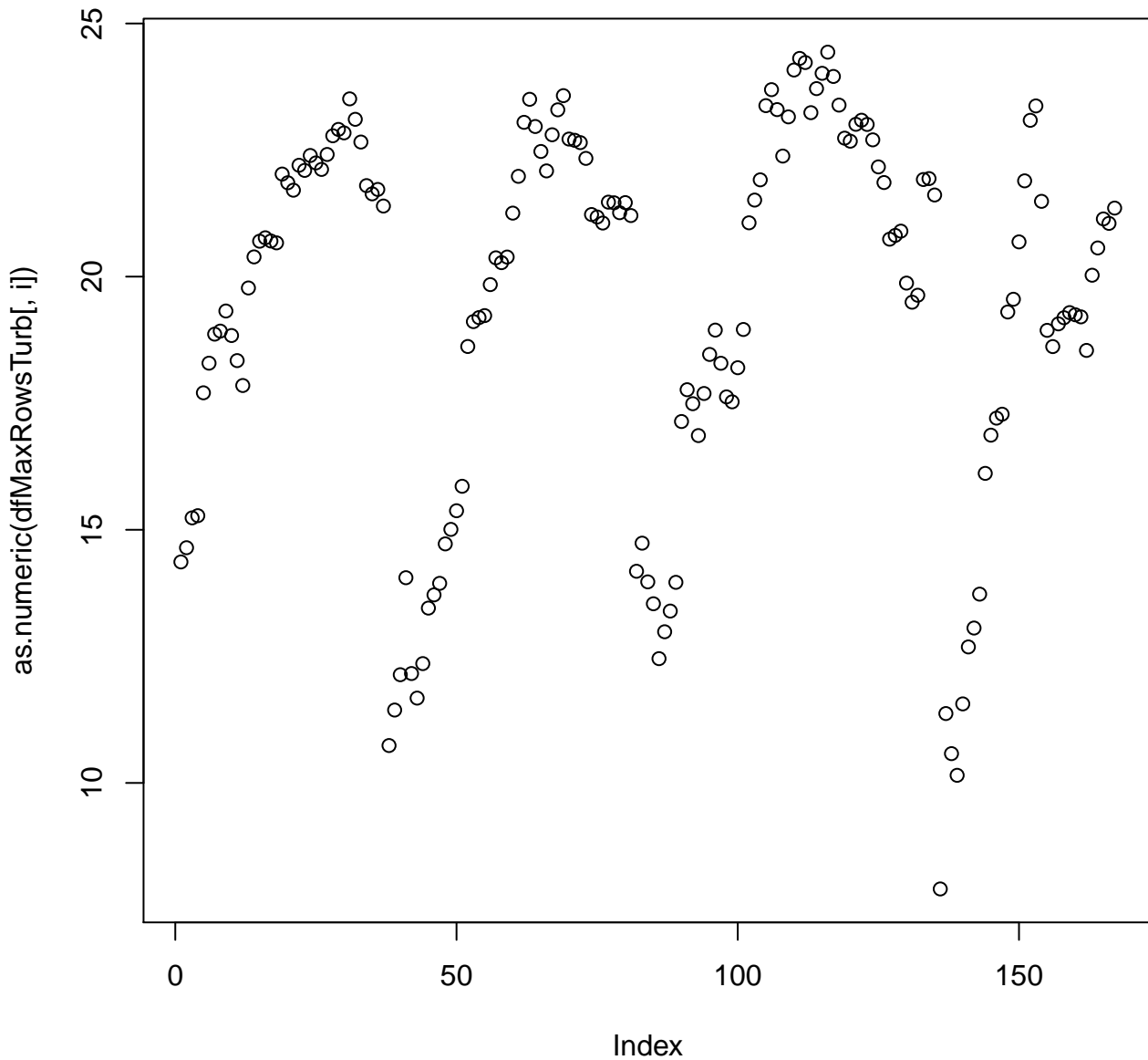
**AirTemperature\_Mean\_48**



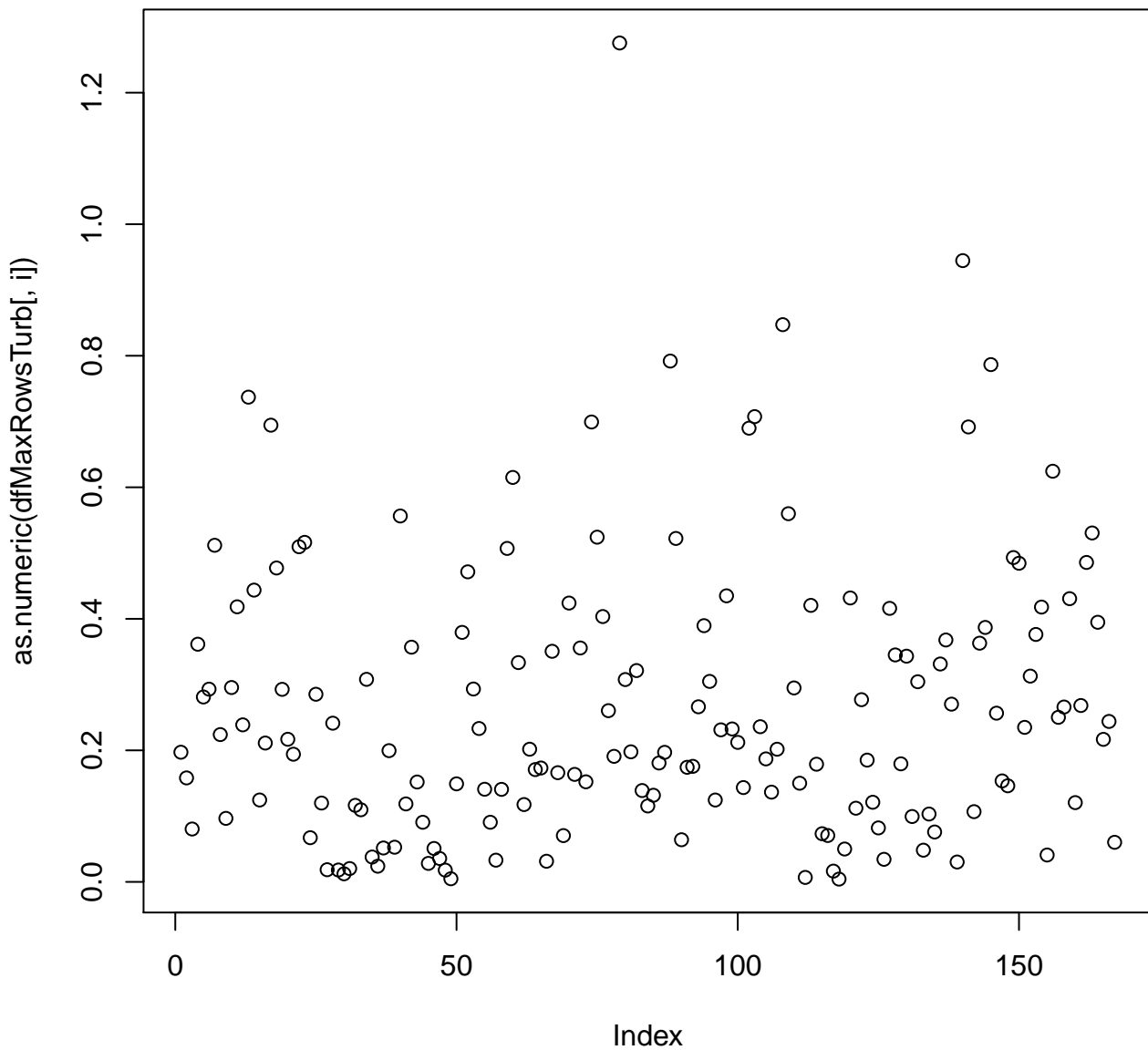
**AirTemperature\_Mean\_72**



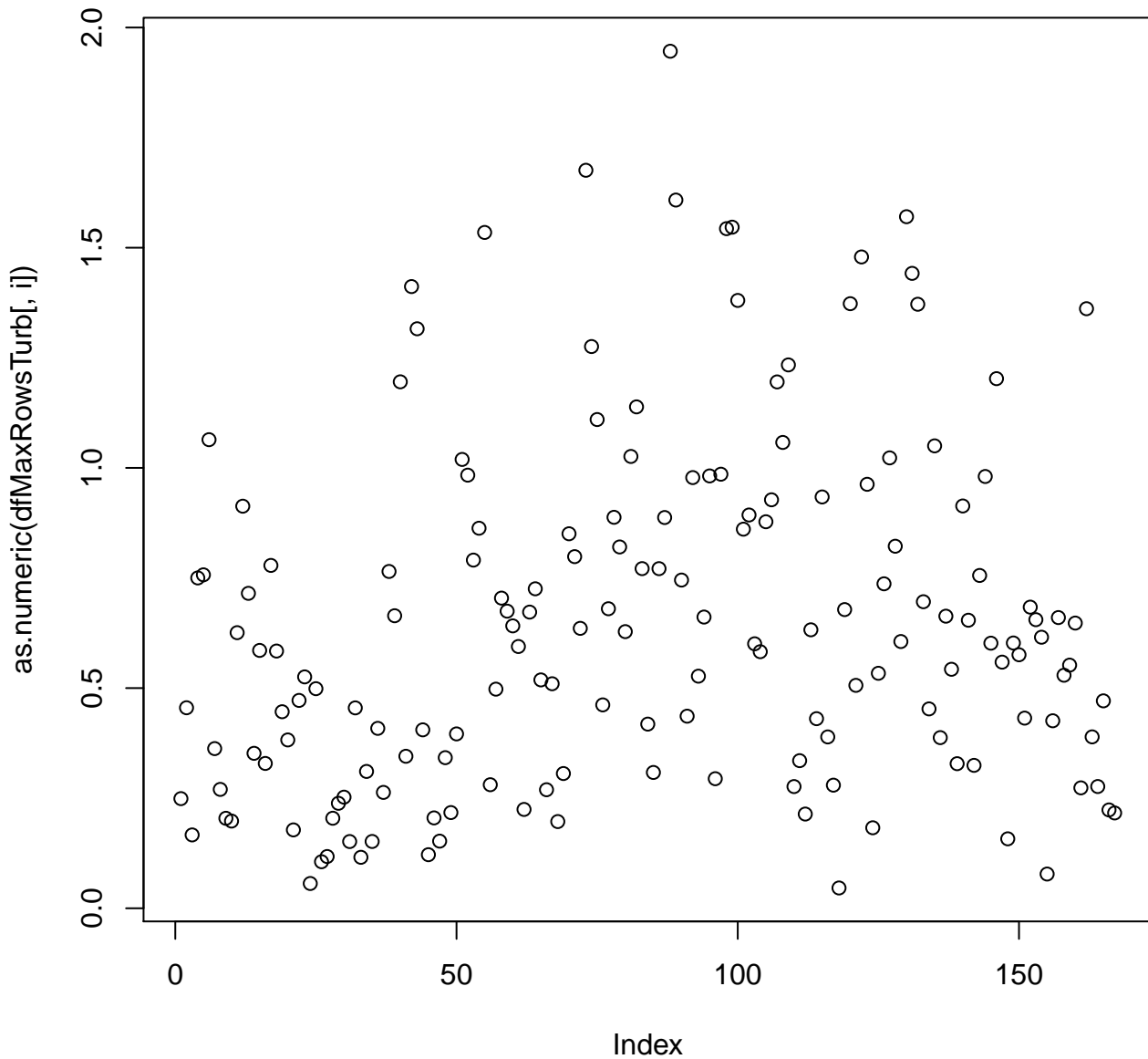
**AirTemperature\_Mean\_120**



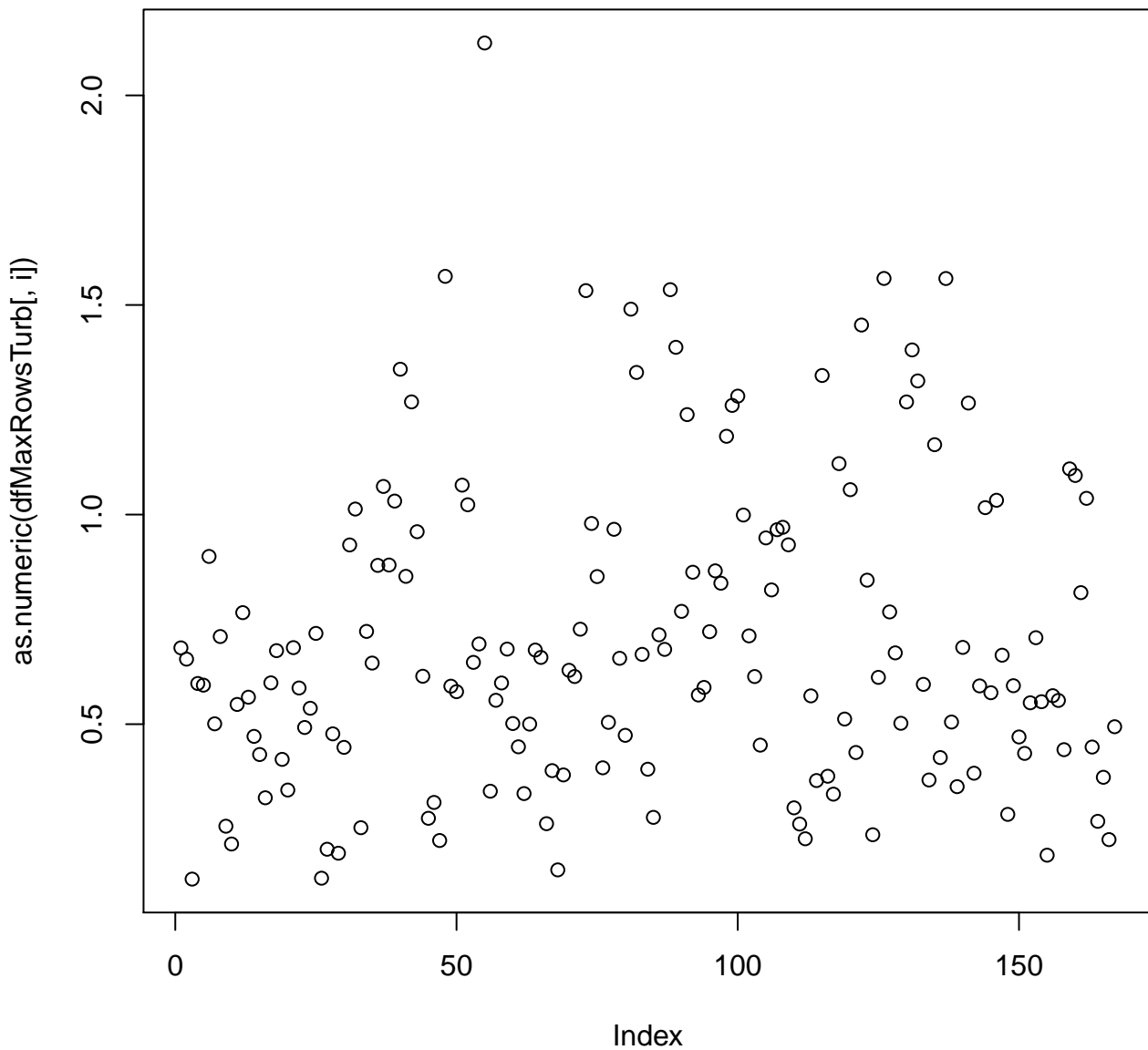
# AirTemperature\_StDev\_2



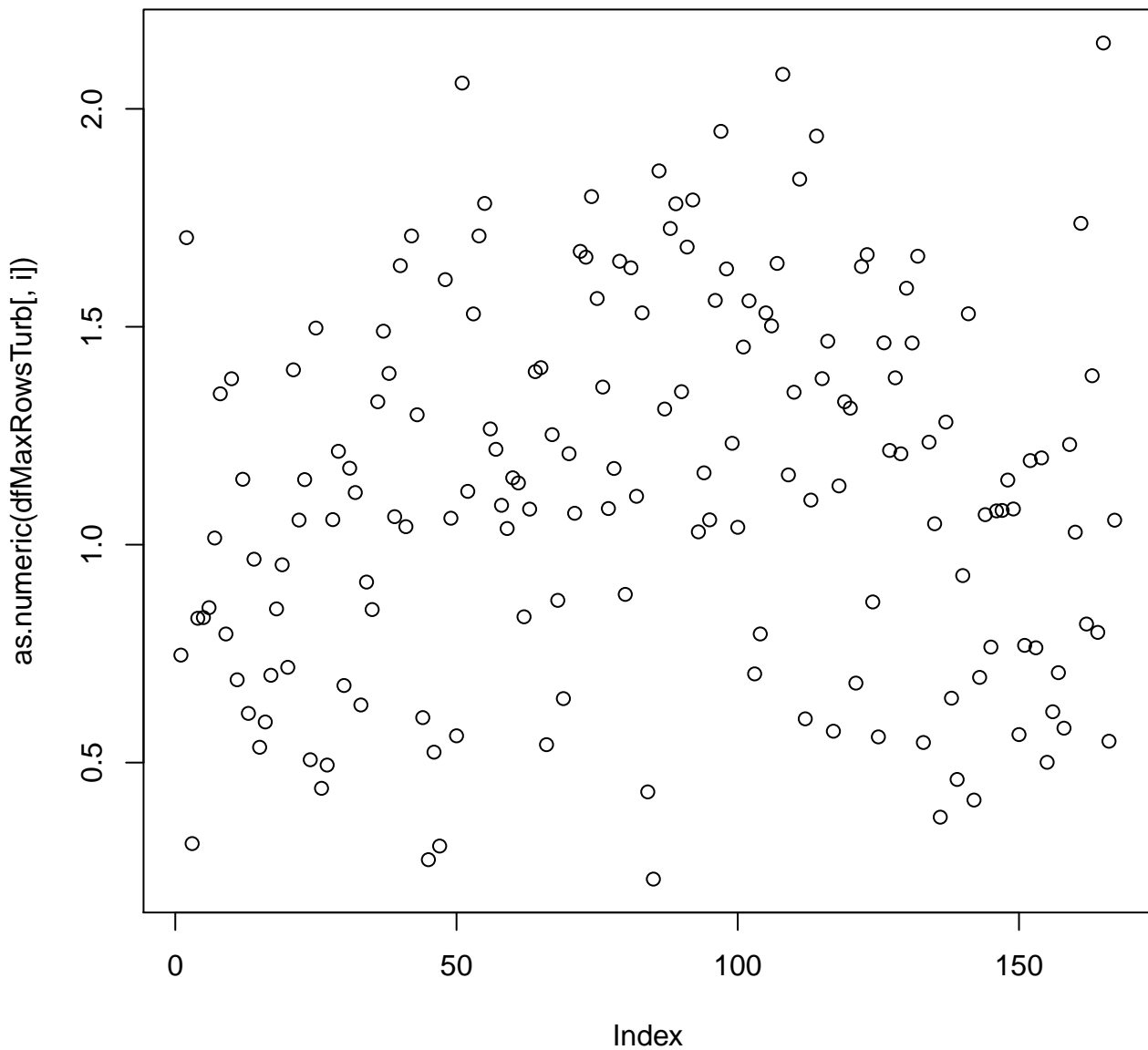
# AirTemperature\_StDev\_6



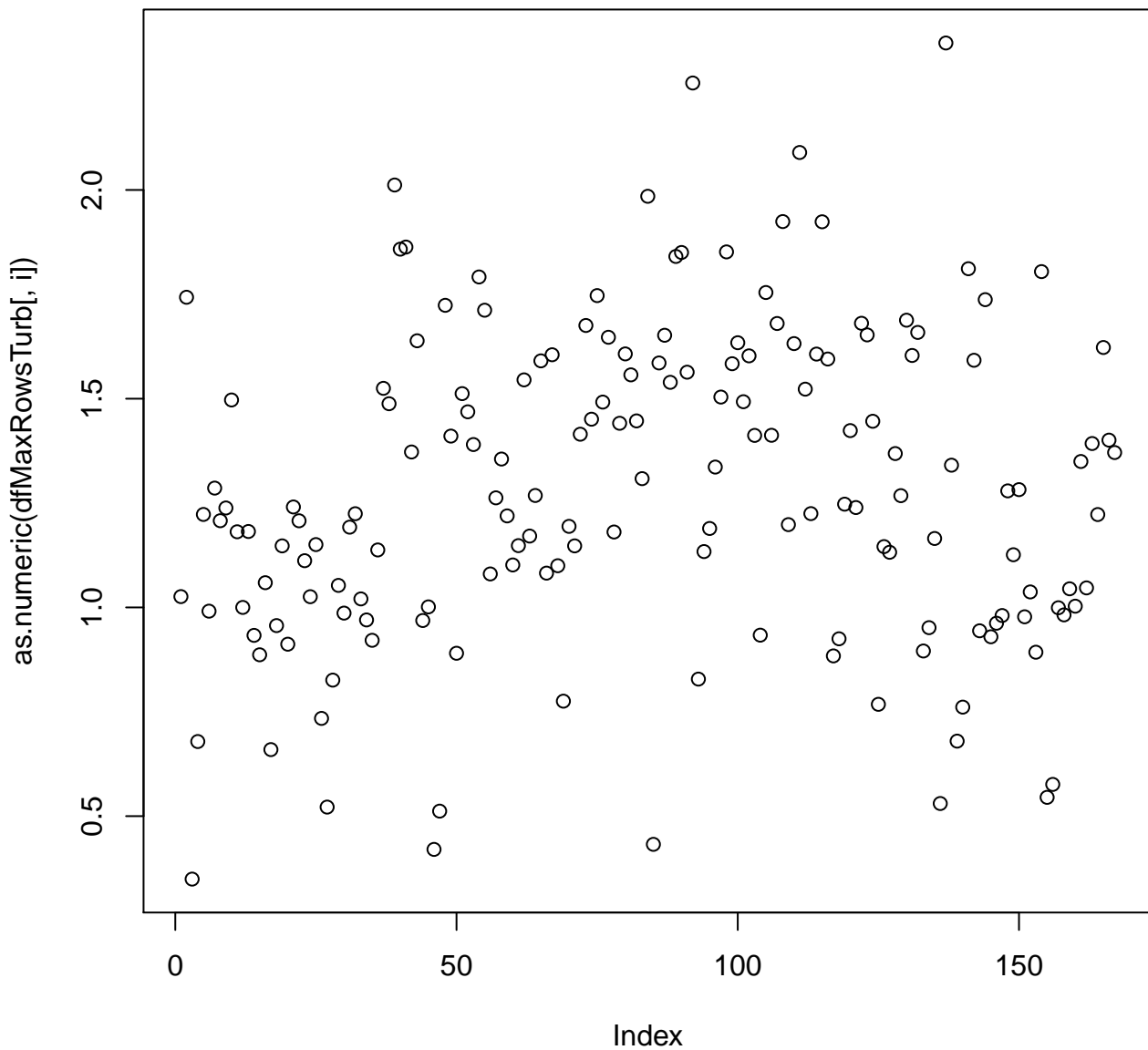
**AirTemperature\_StDev\_12**



# AirTemperature\_StDev\_24

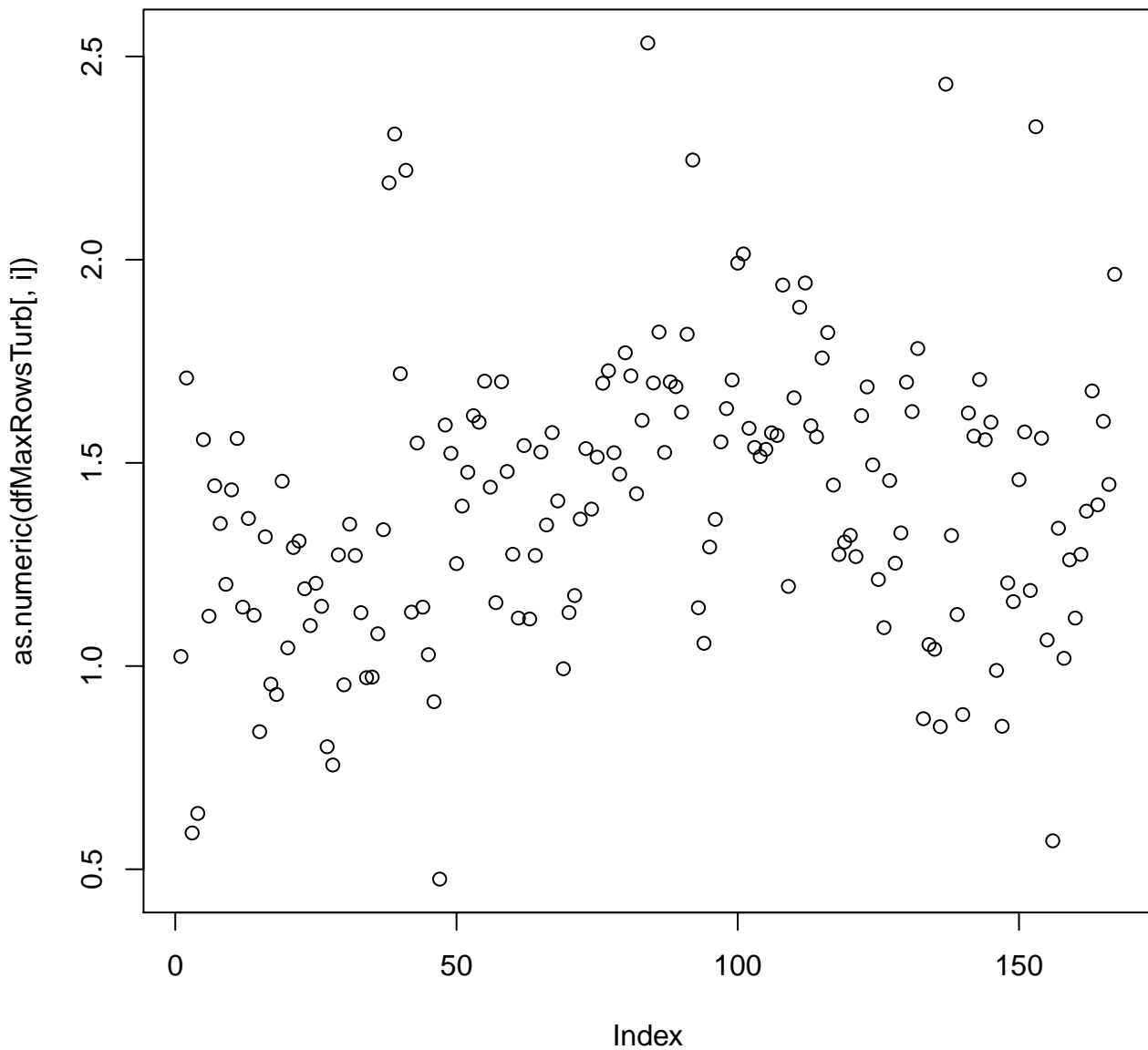


# AirTemperature\_StDev\_48

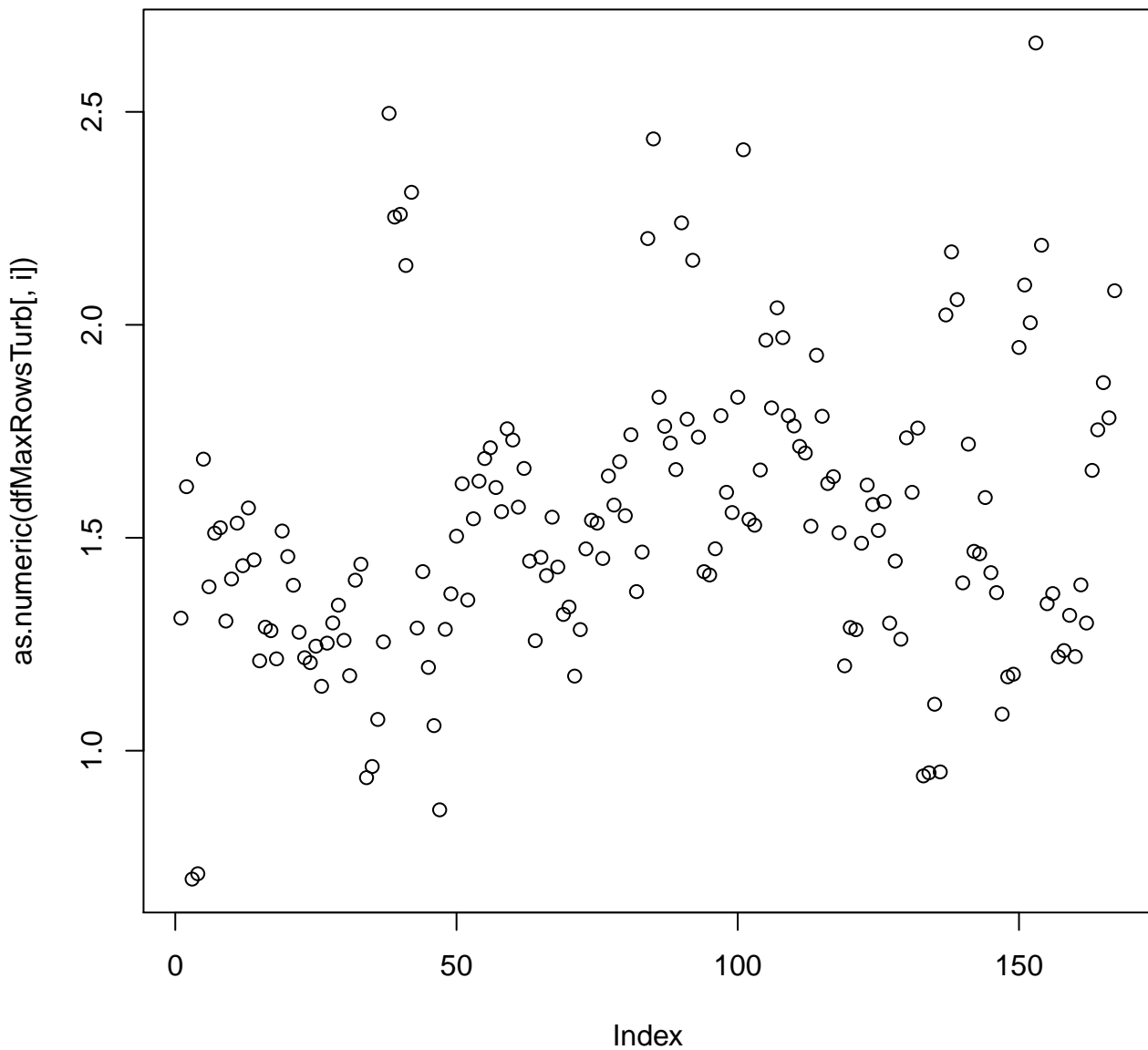




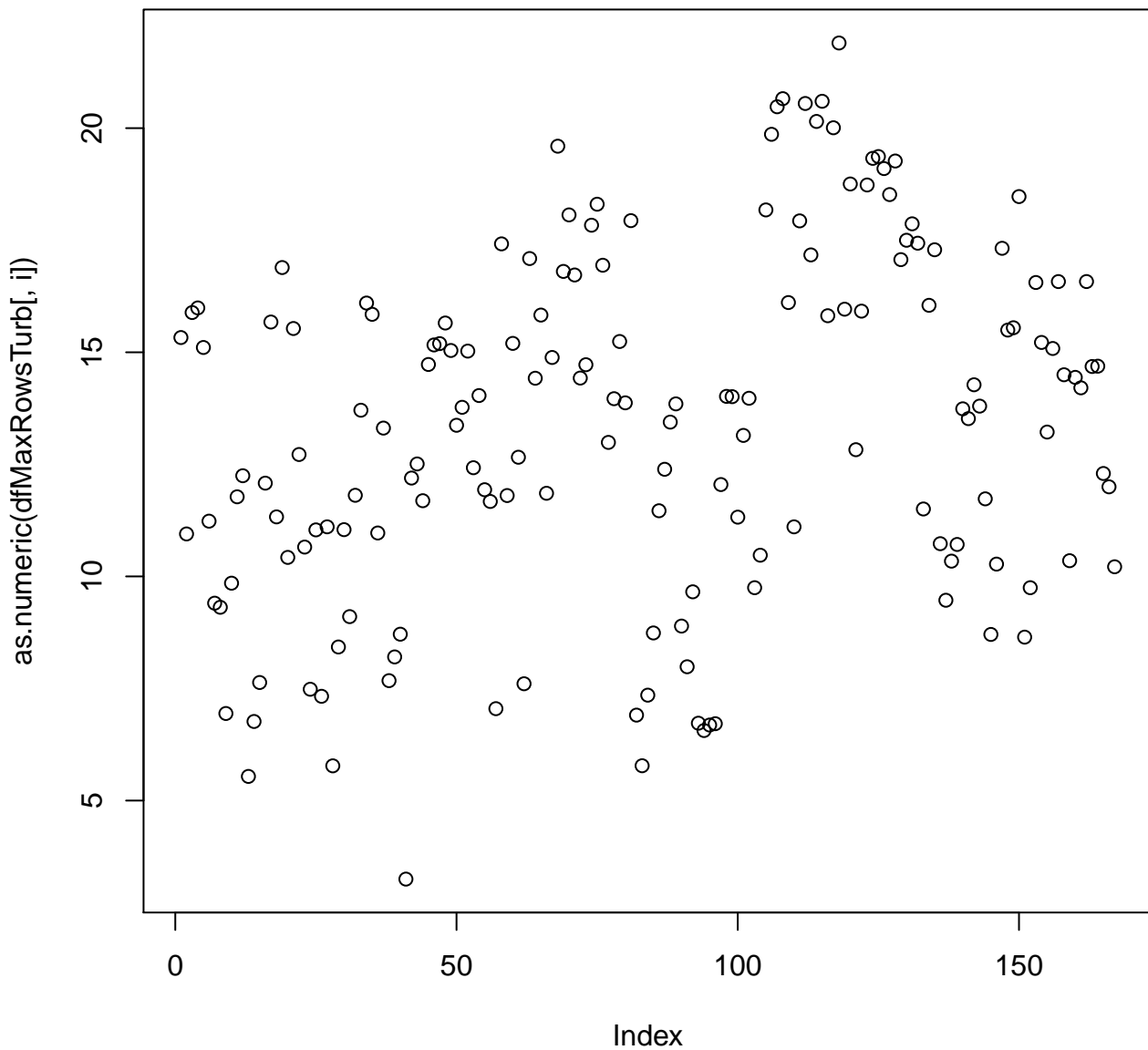
# AirTemperature\_StDev\_72



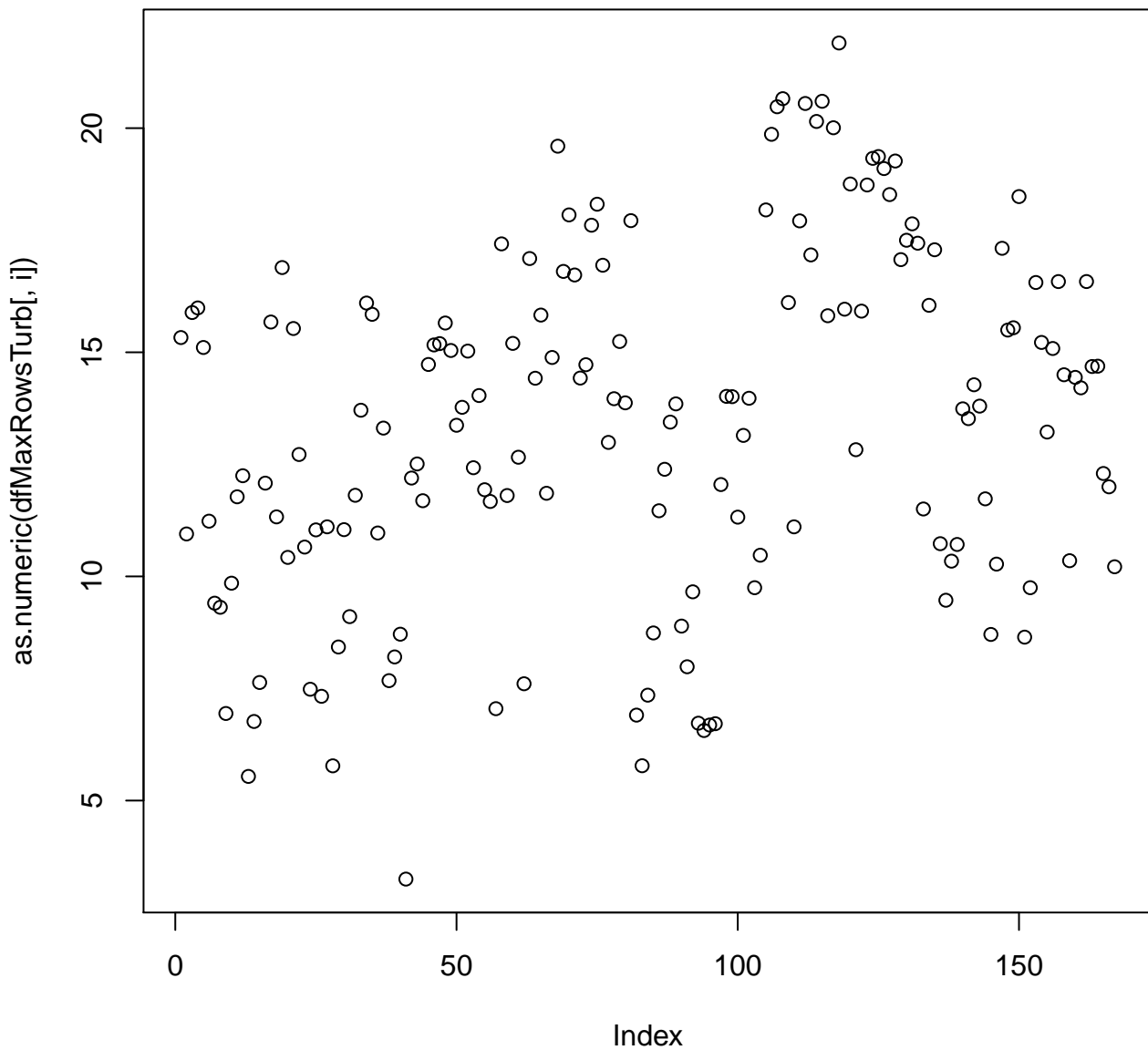
# AirTemperature\_StDev\_120



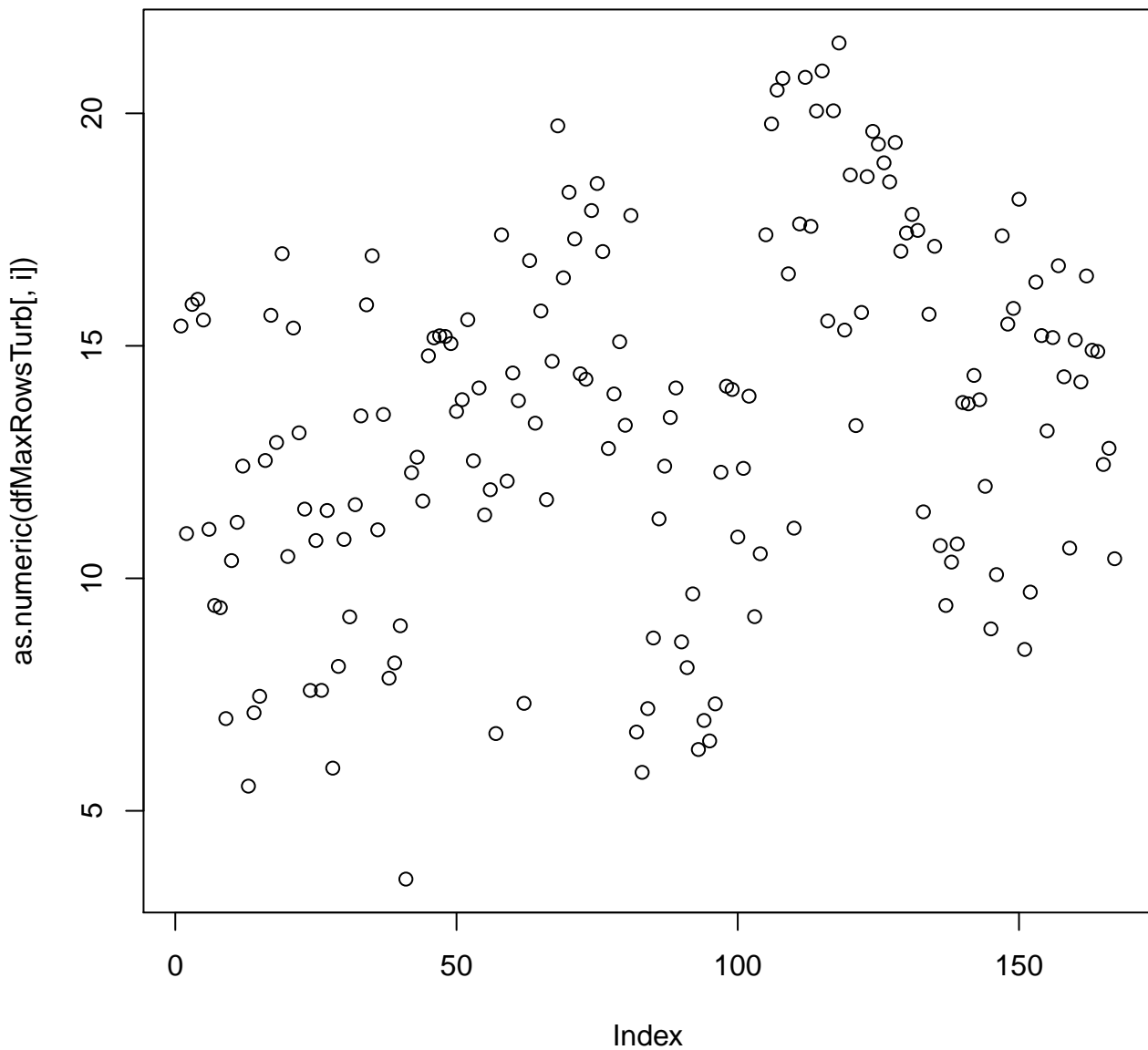
# WaterTemperature\_Mean\_1



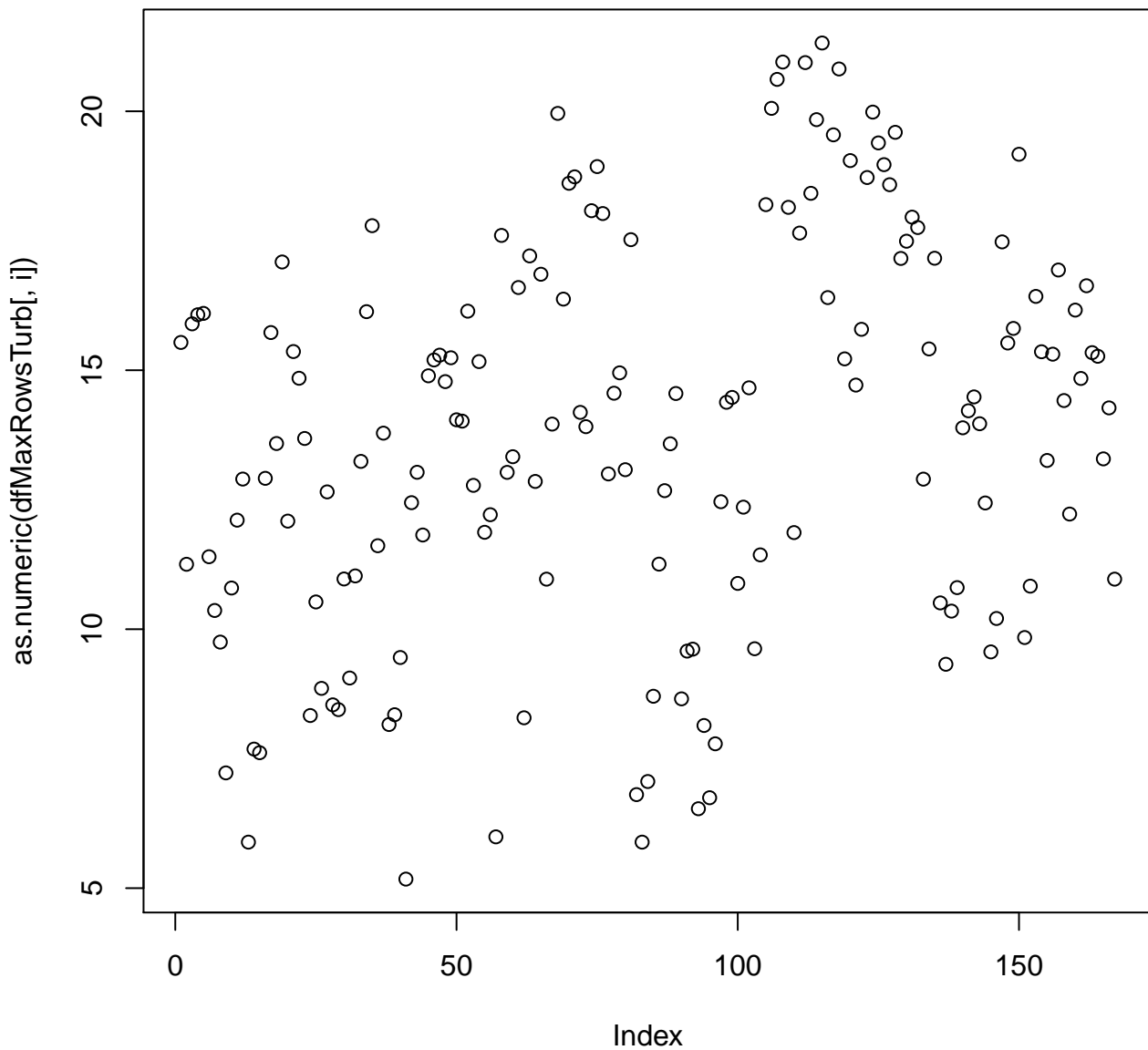
## WaterTemperature\_Mean\_2



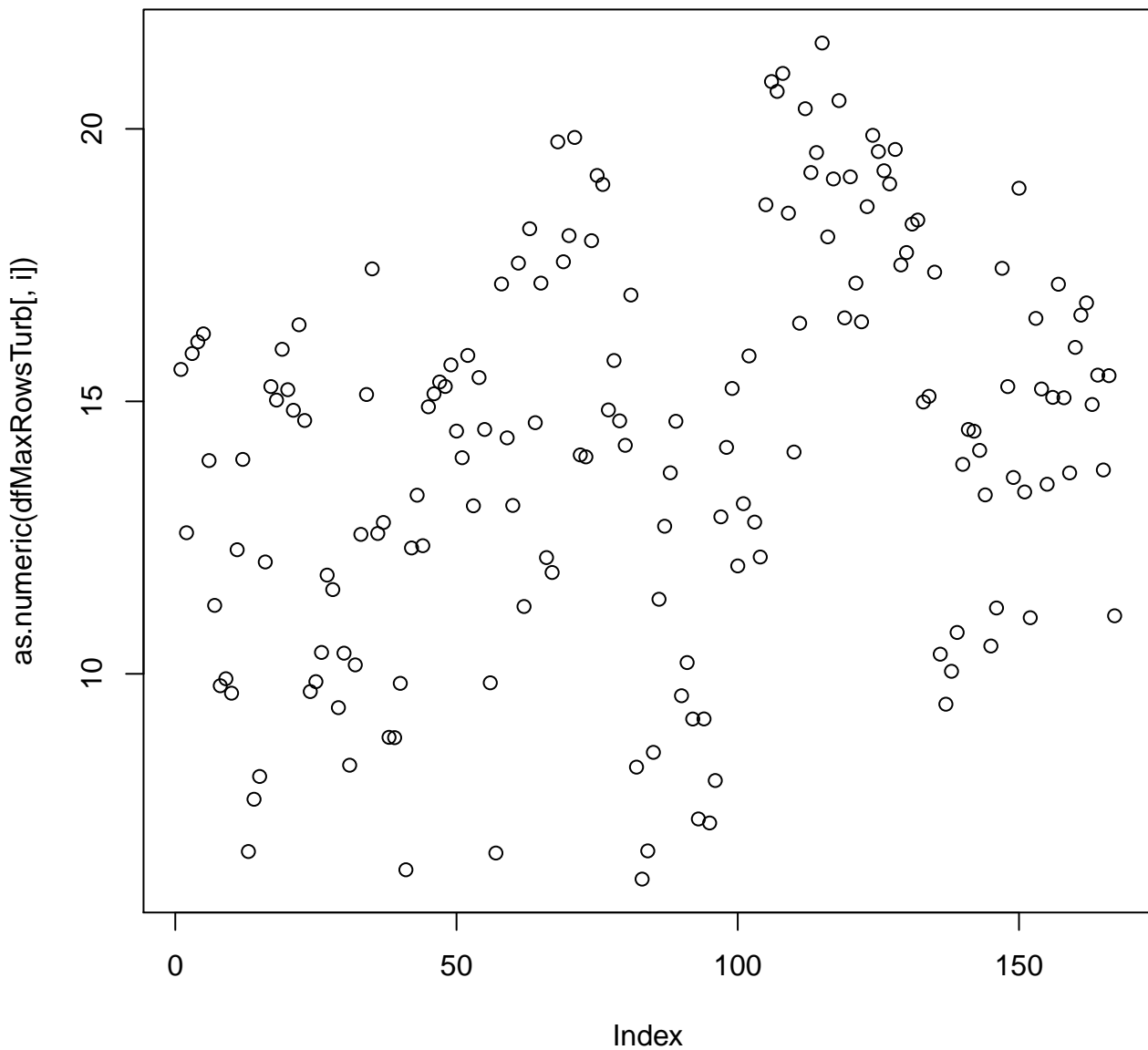
**WaterTemperature\_Mean\_6**



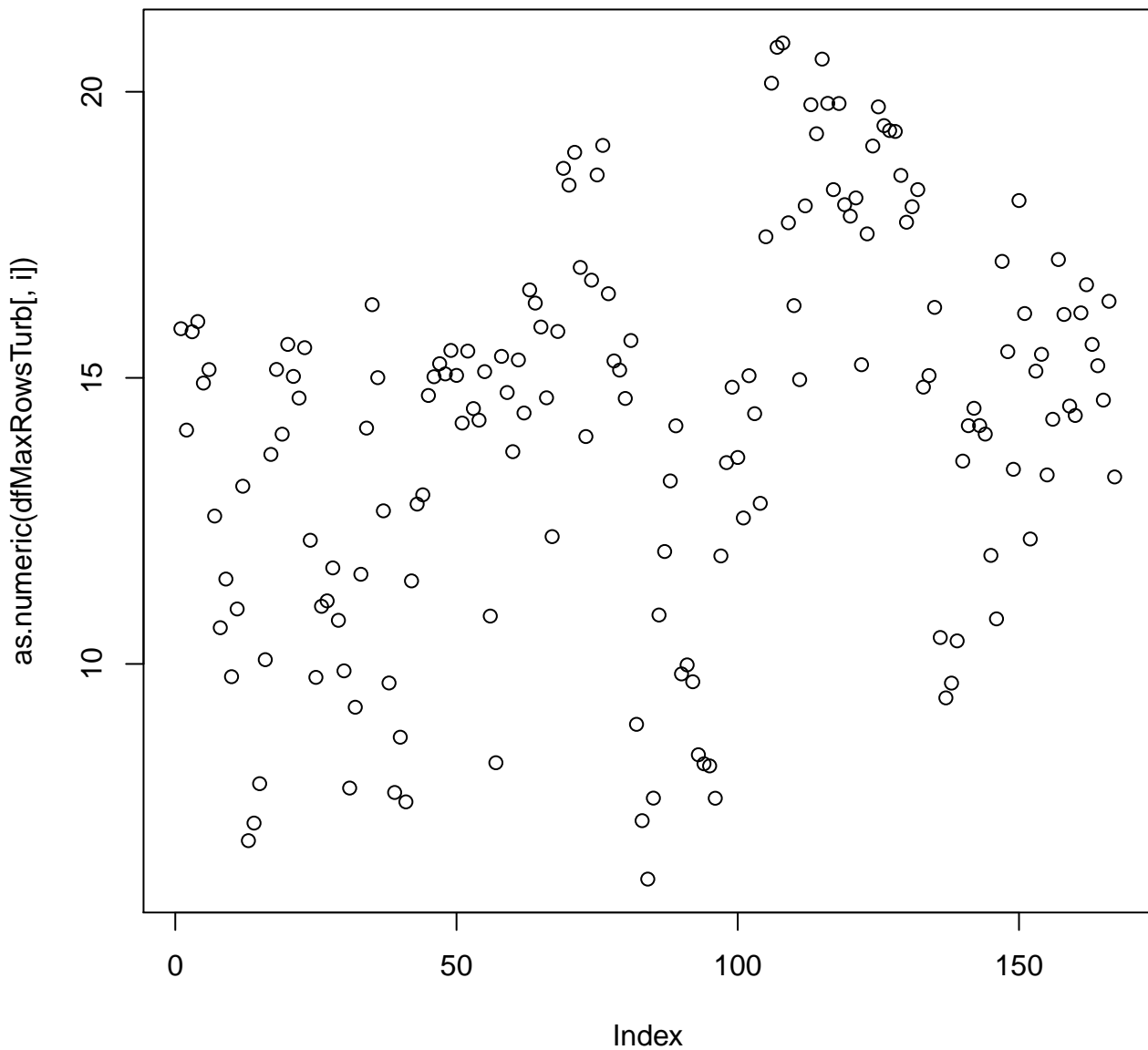
**WaterTemperature\_Mean\_12**



**WaterTemperature\_Mean\_24**

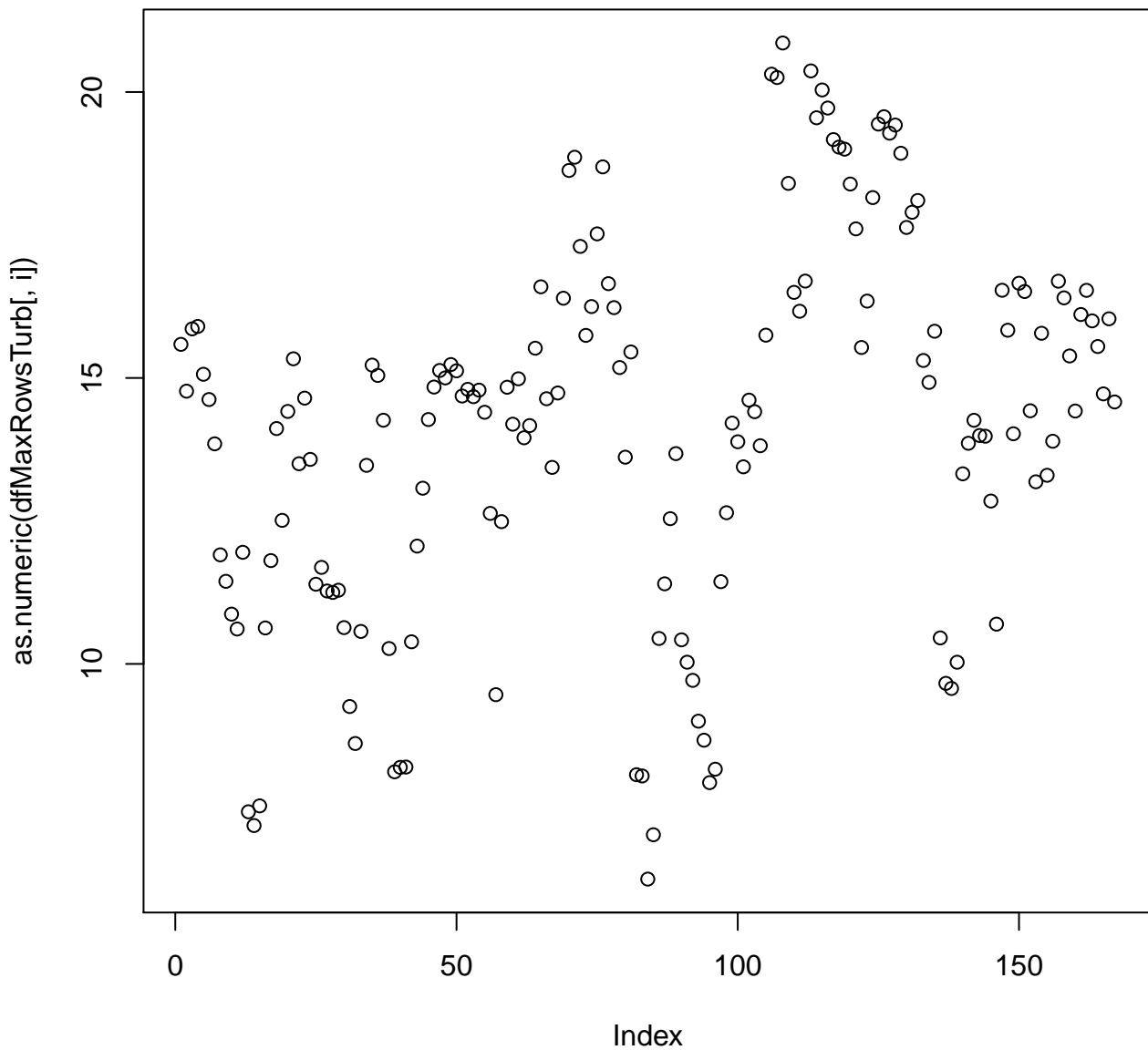


**WaterTemperature\_Mean\_48**

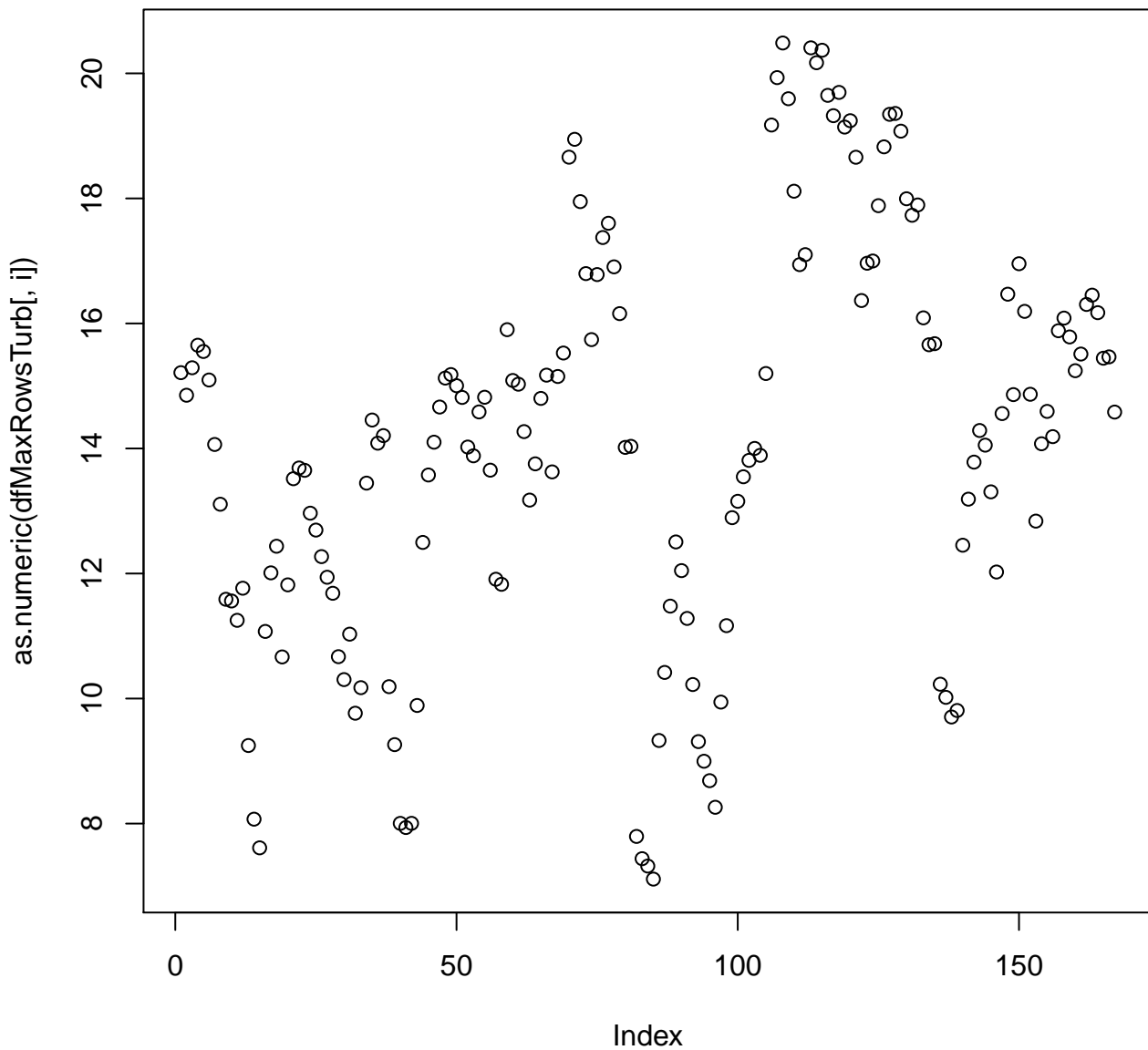




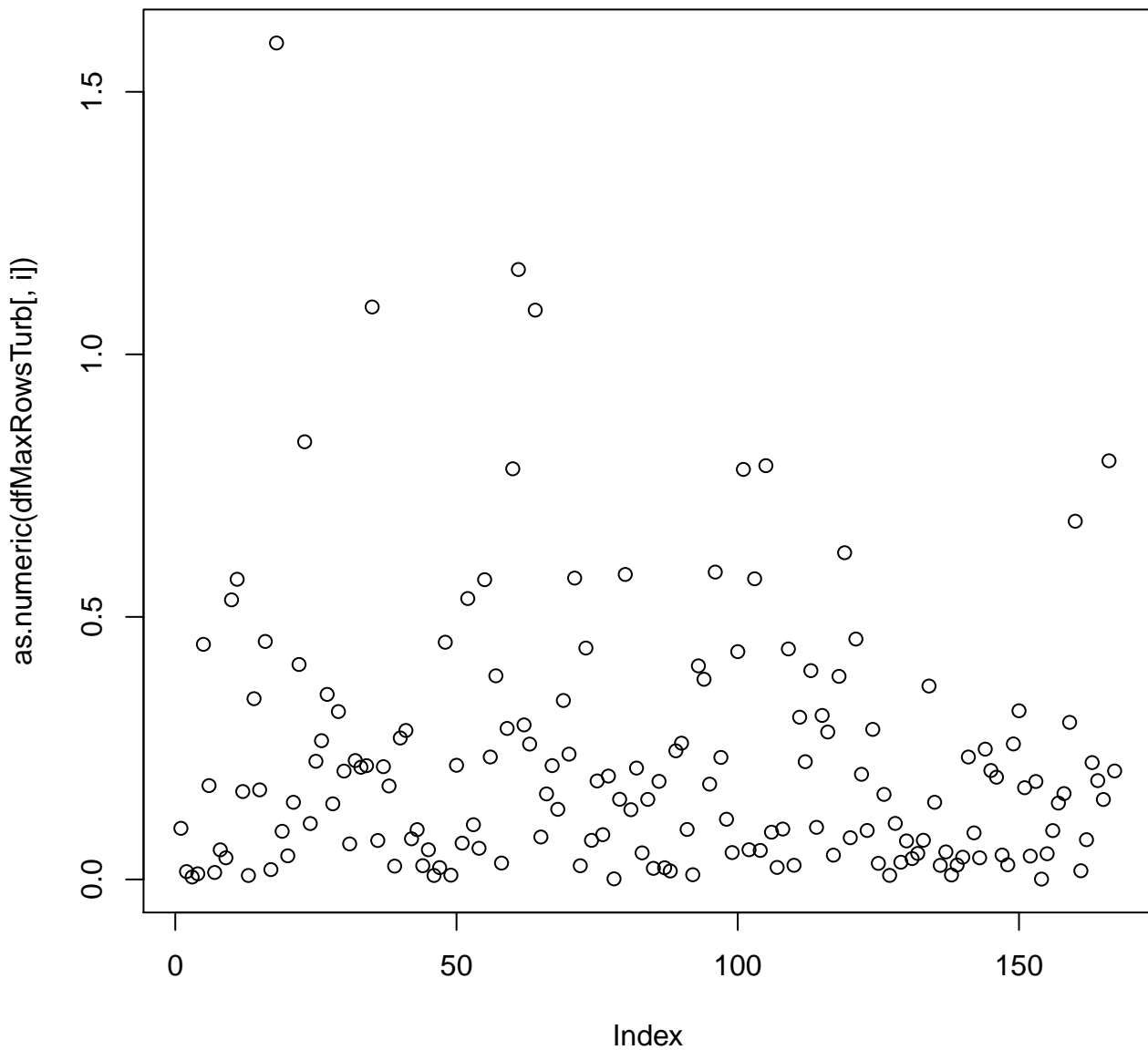
**WaterTemperature\_Mean\_72**



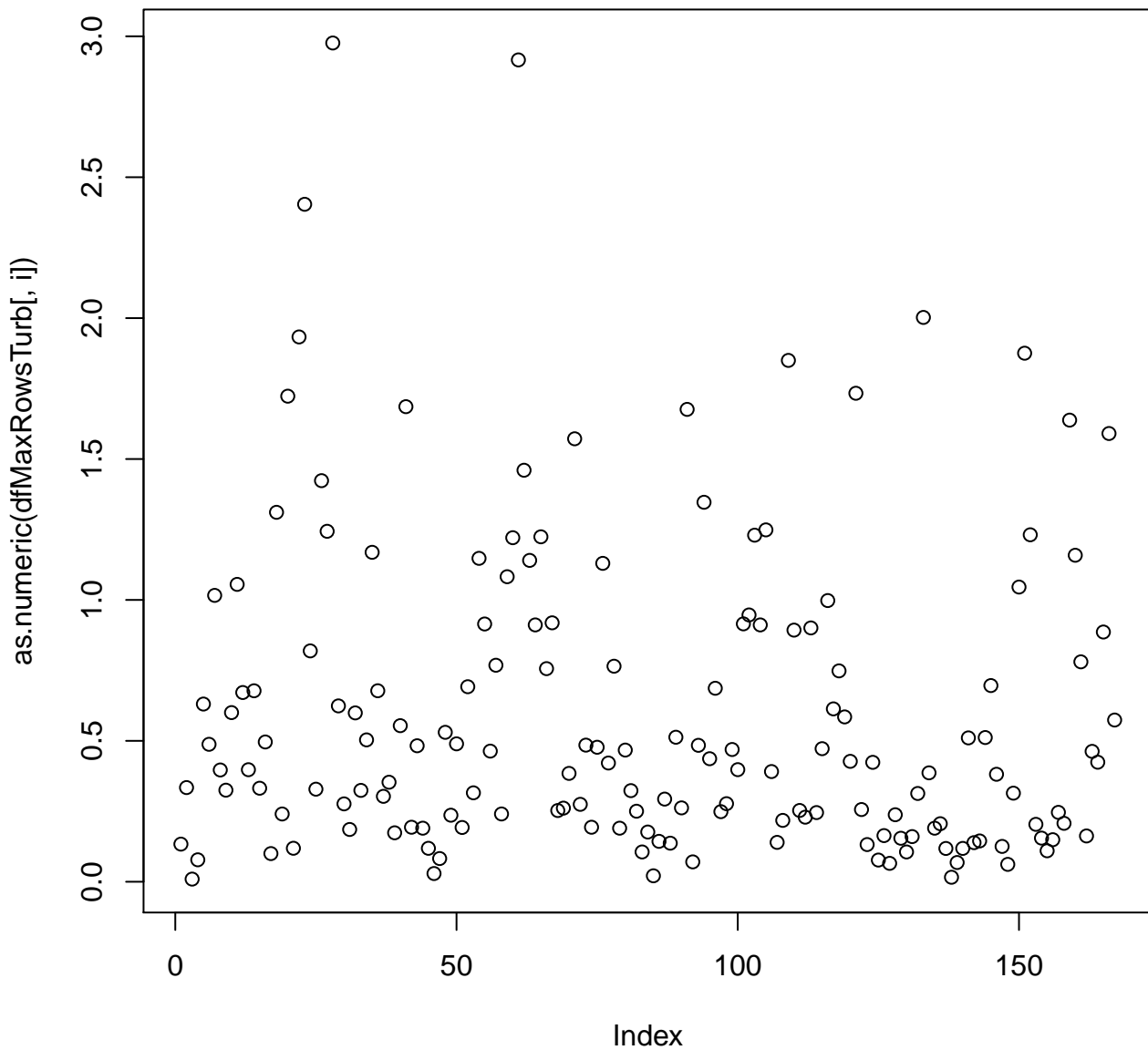
# WaterTemperature\_Mean\_120



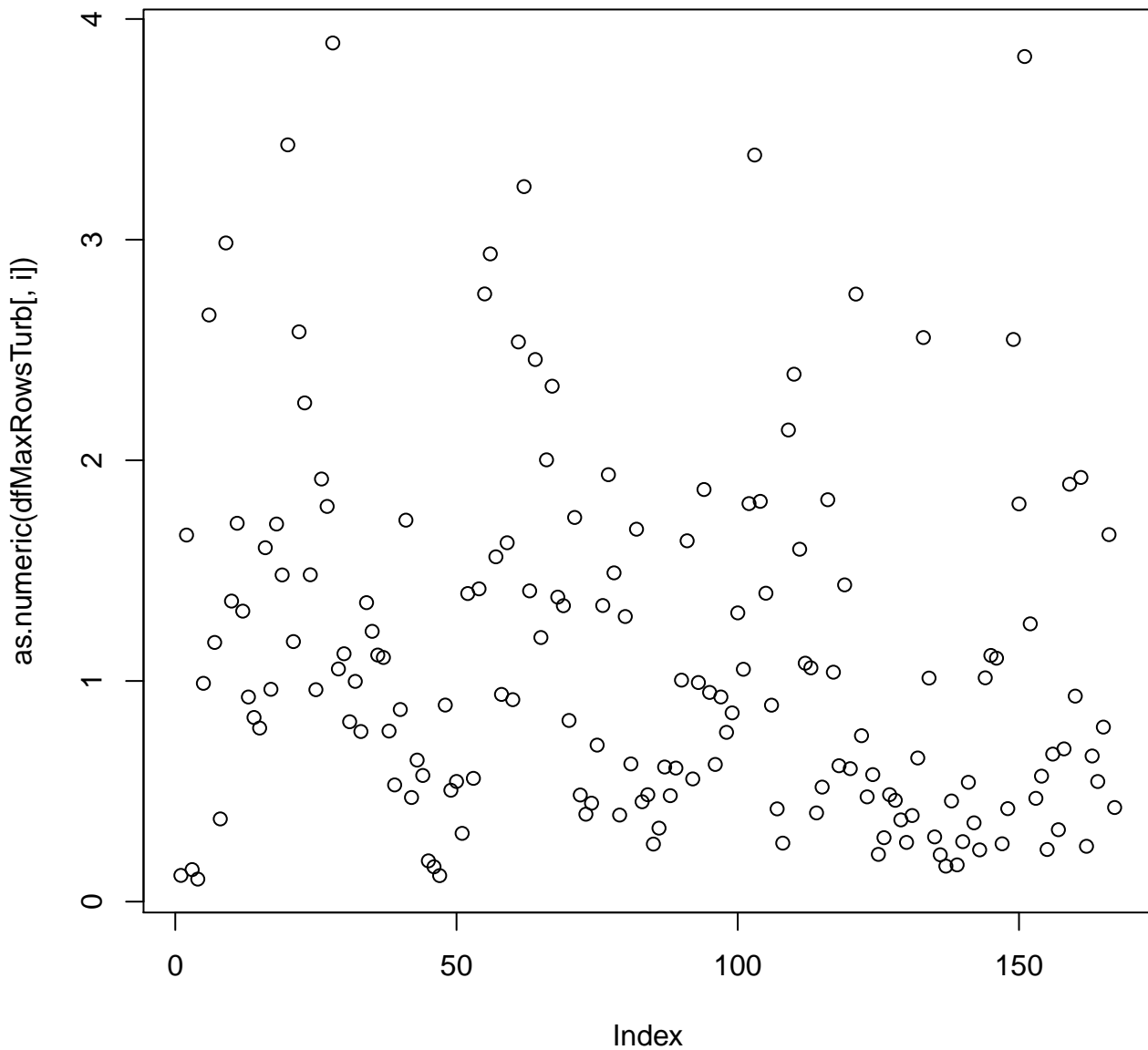
# WaterTemperature\_StDev\_6



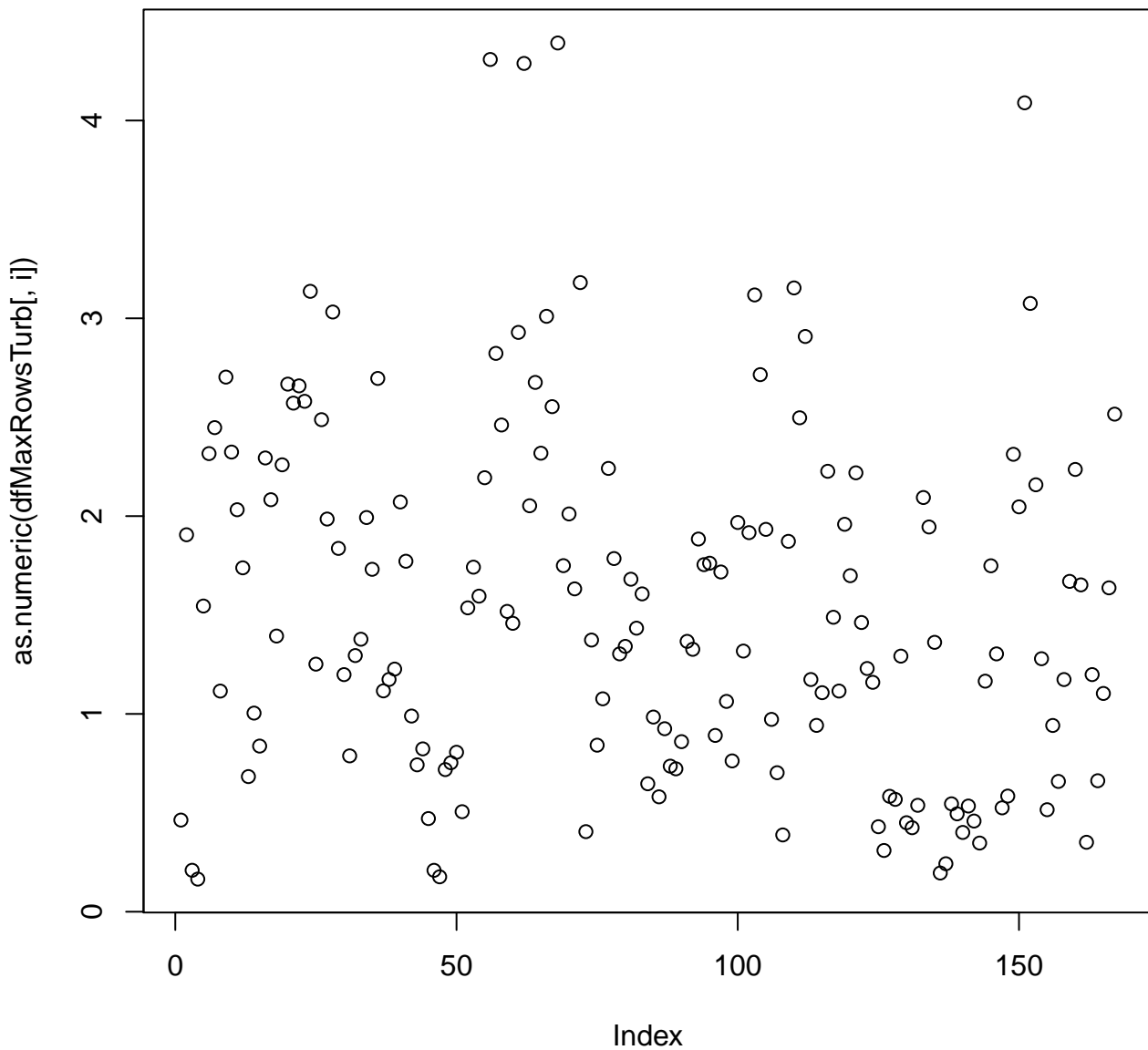
# WaterTemperature\_StDev\_12



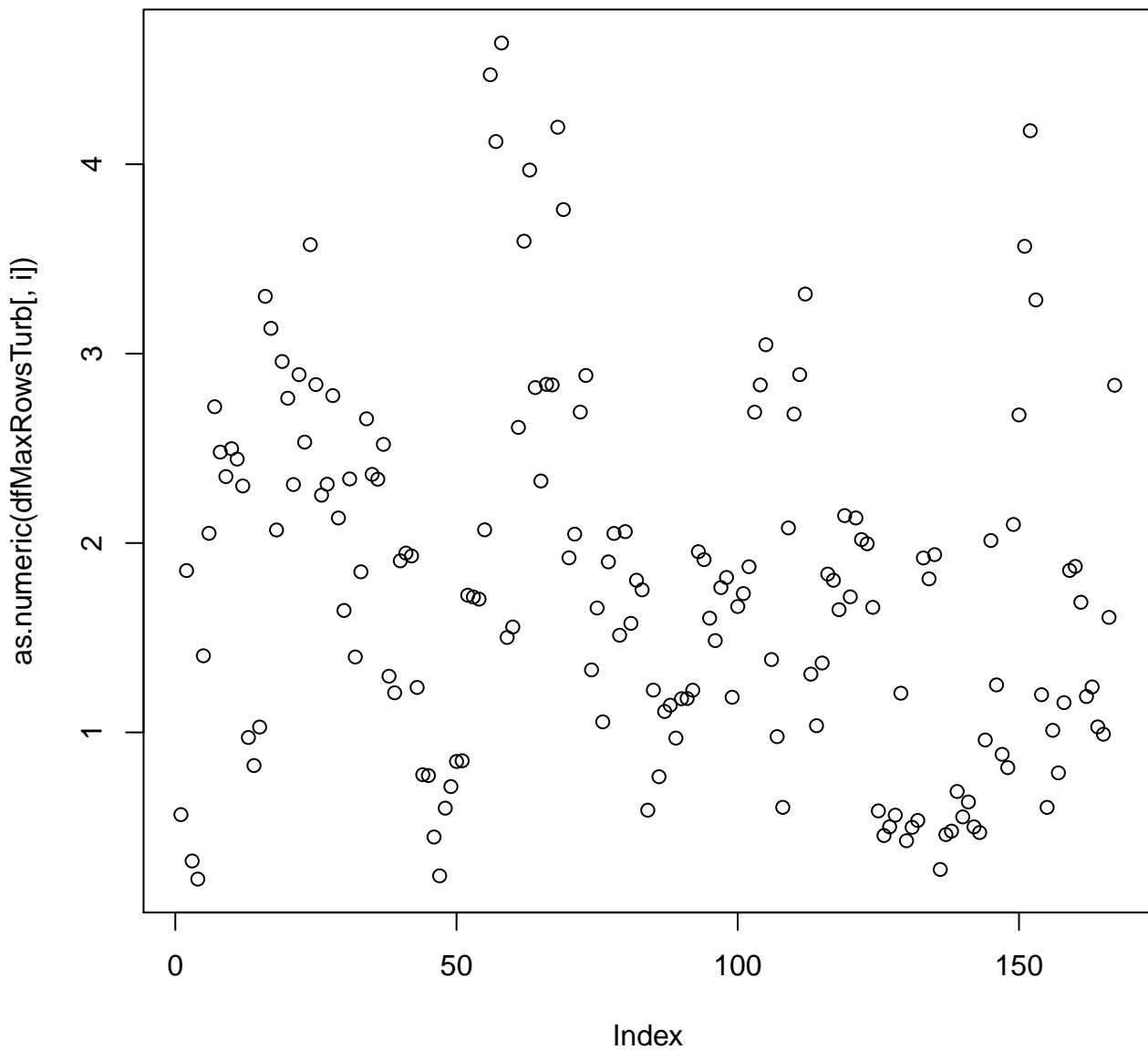
WaterTemperature\_StDev\_24



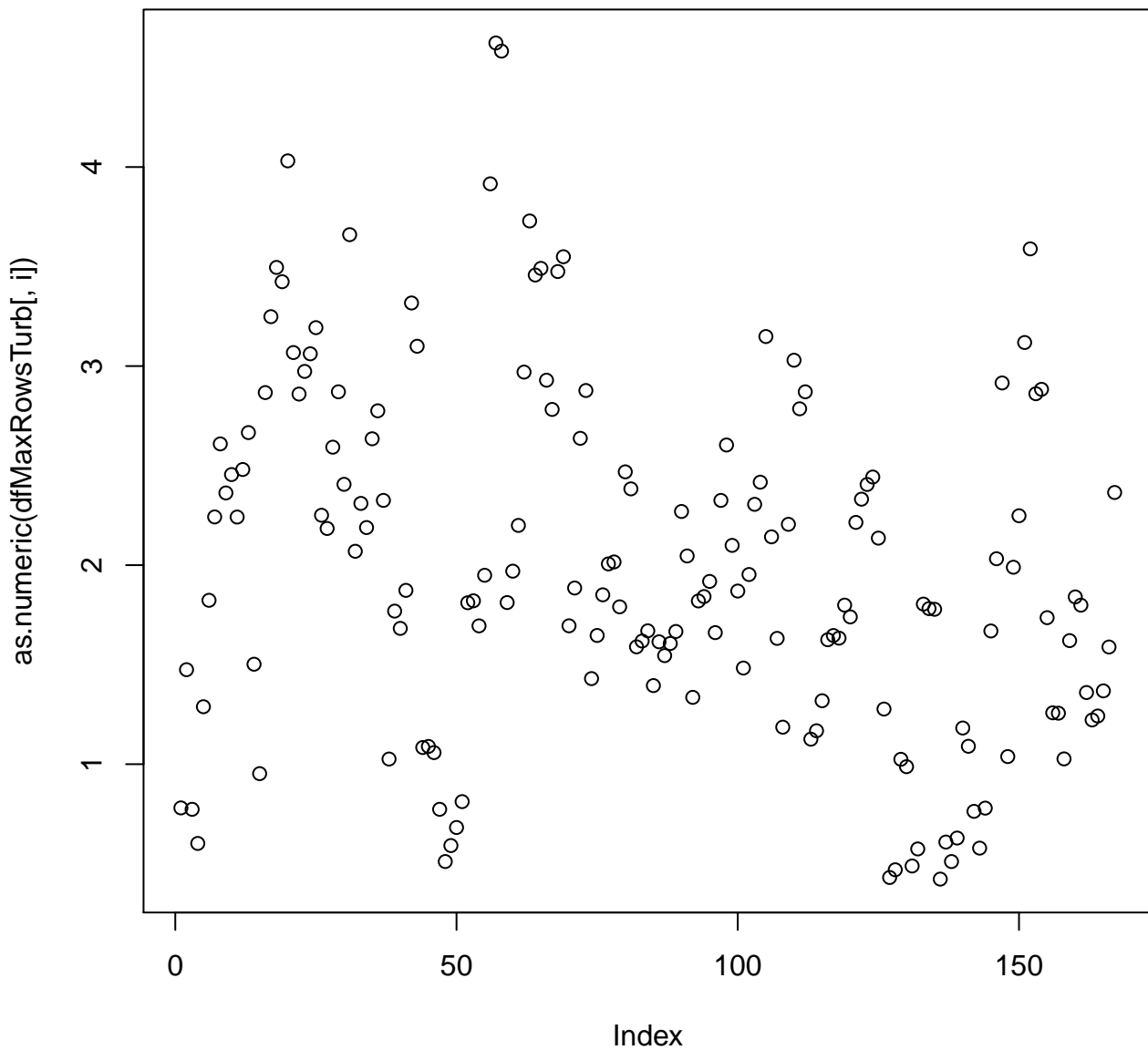
# WaterTemperature\_StDev\_48



# WaterTemperature\_StDev\_72

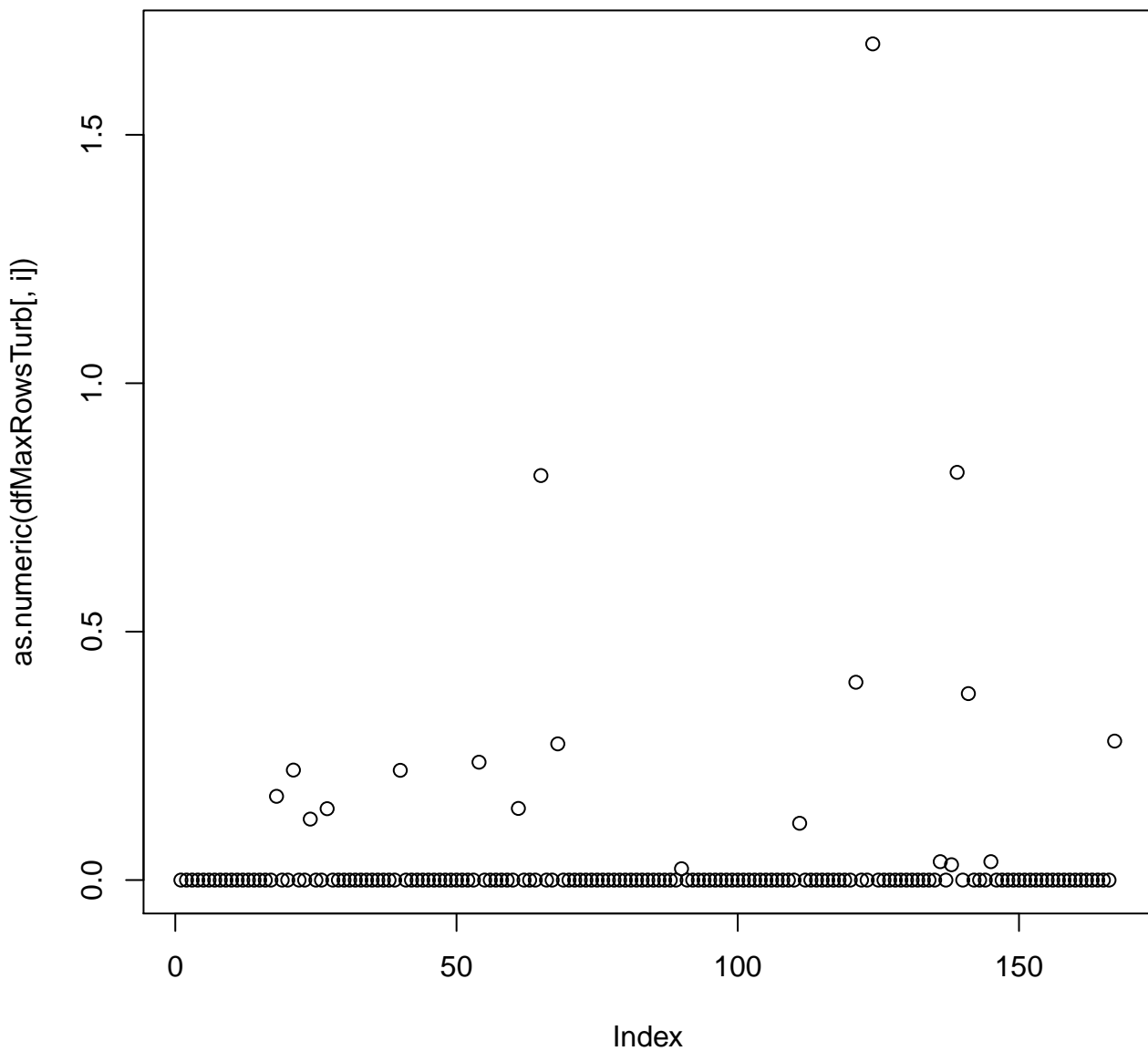


# WaterTemperature\_StDev\_120

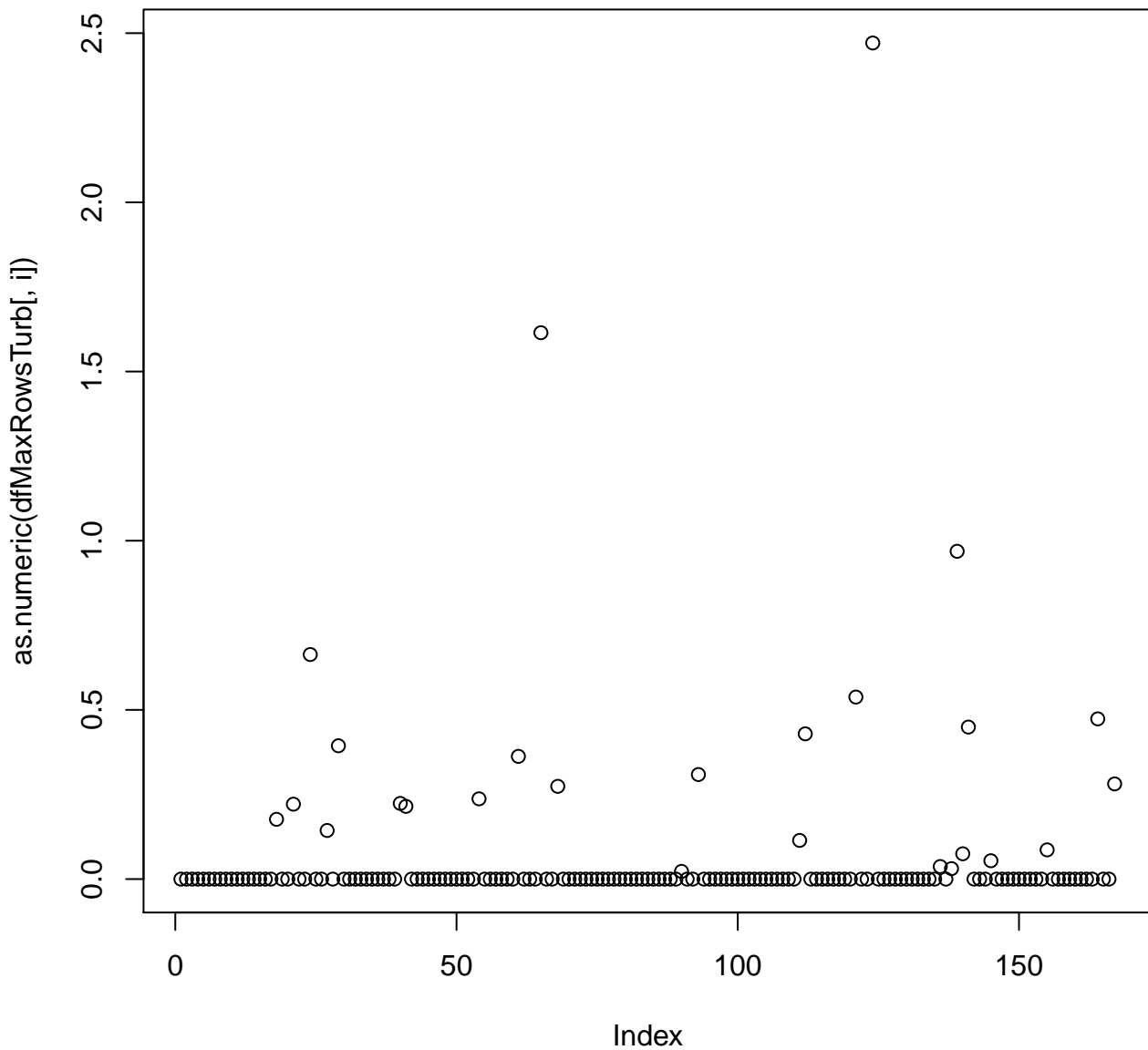




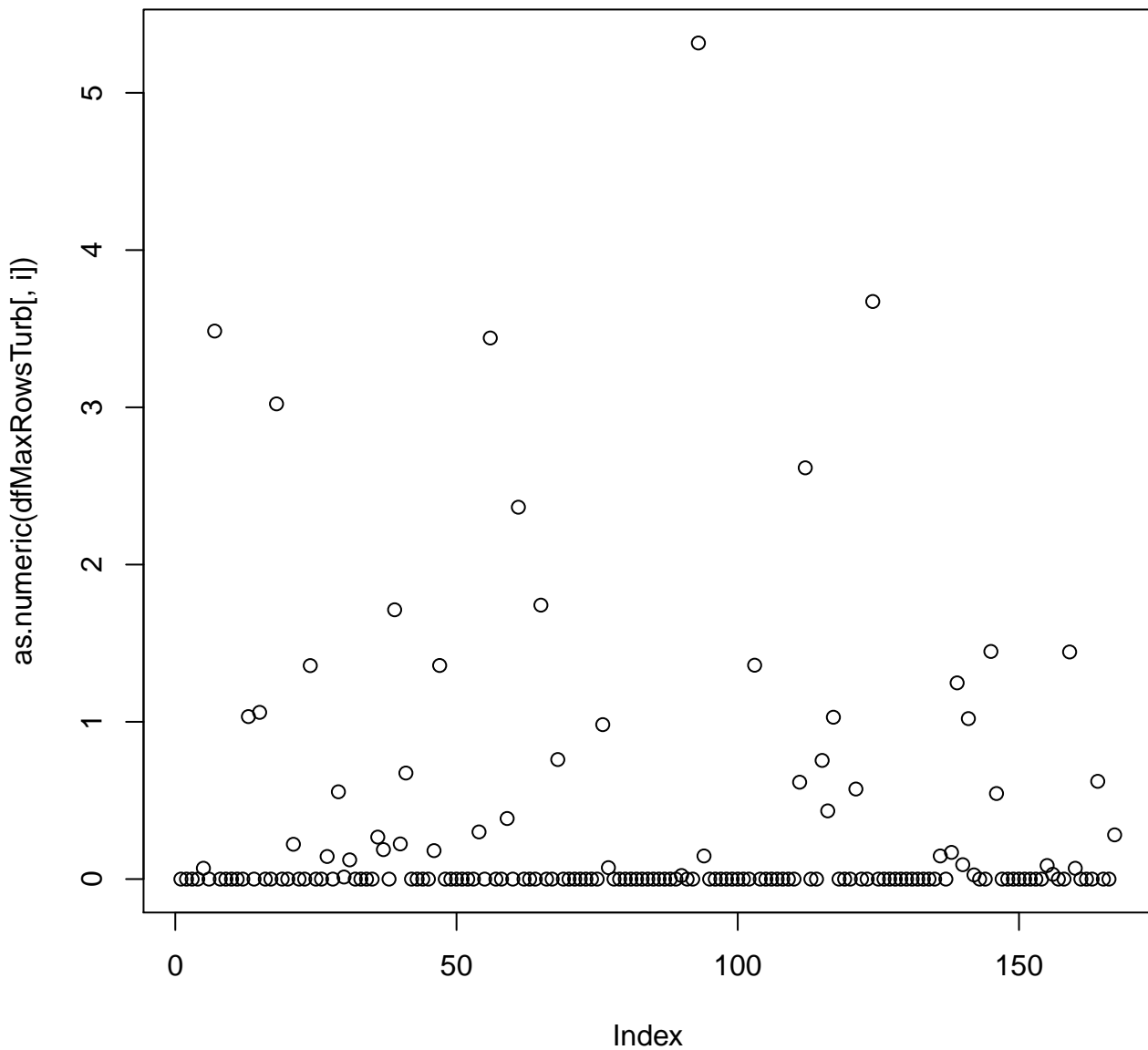
# Sqrt.Precipitation.over.upload.ManitowocR.Sum..1hr



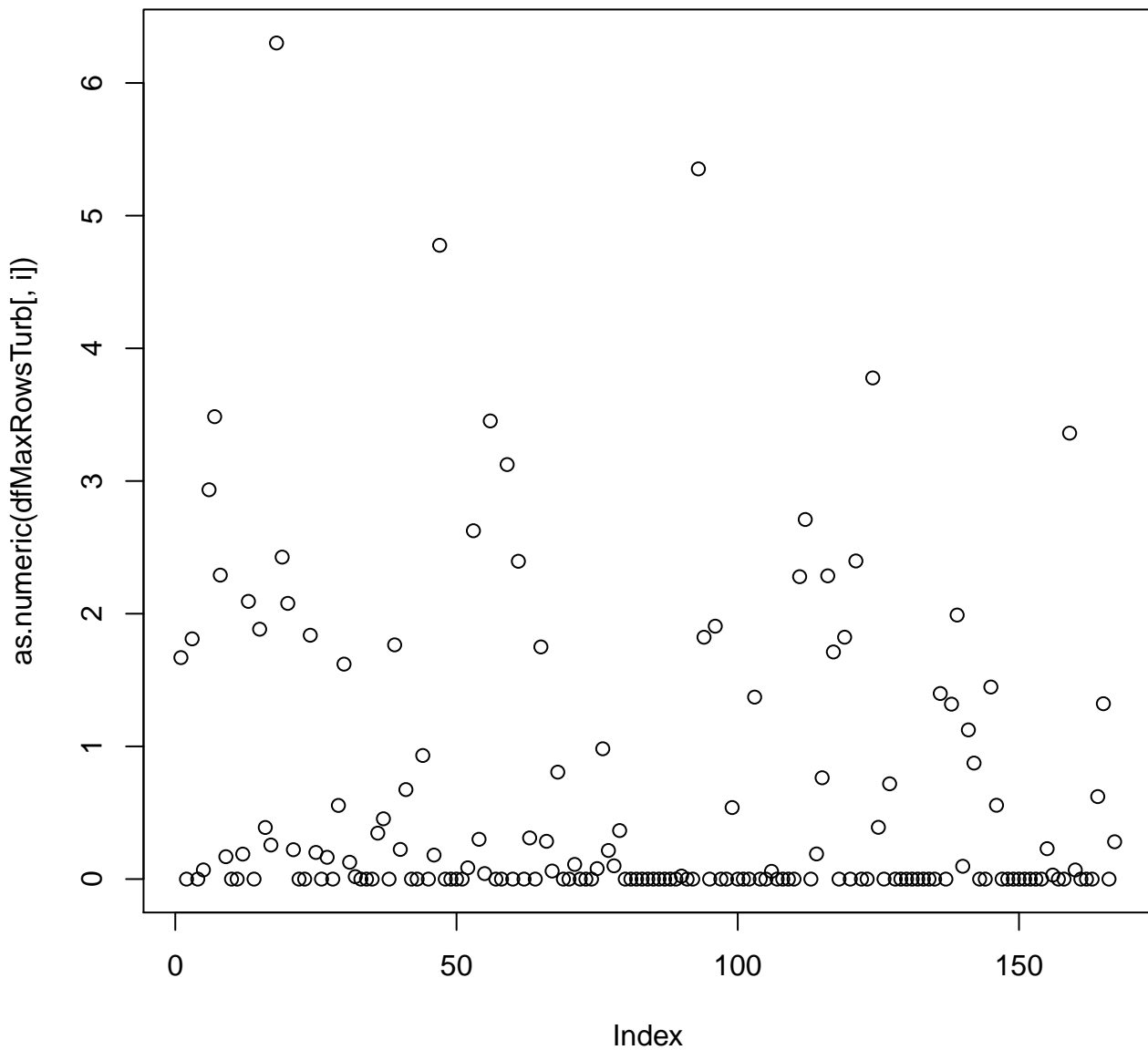
# Sqrt.Precipitation.over.upload.ManitowocR.Sum..2hr



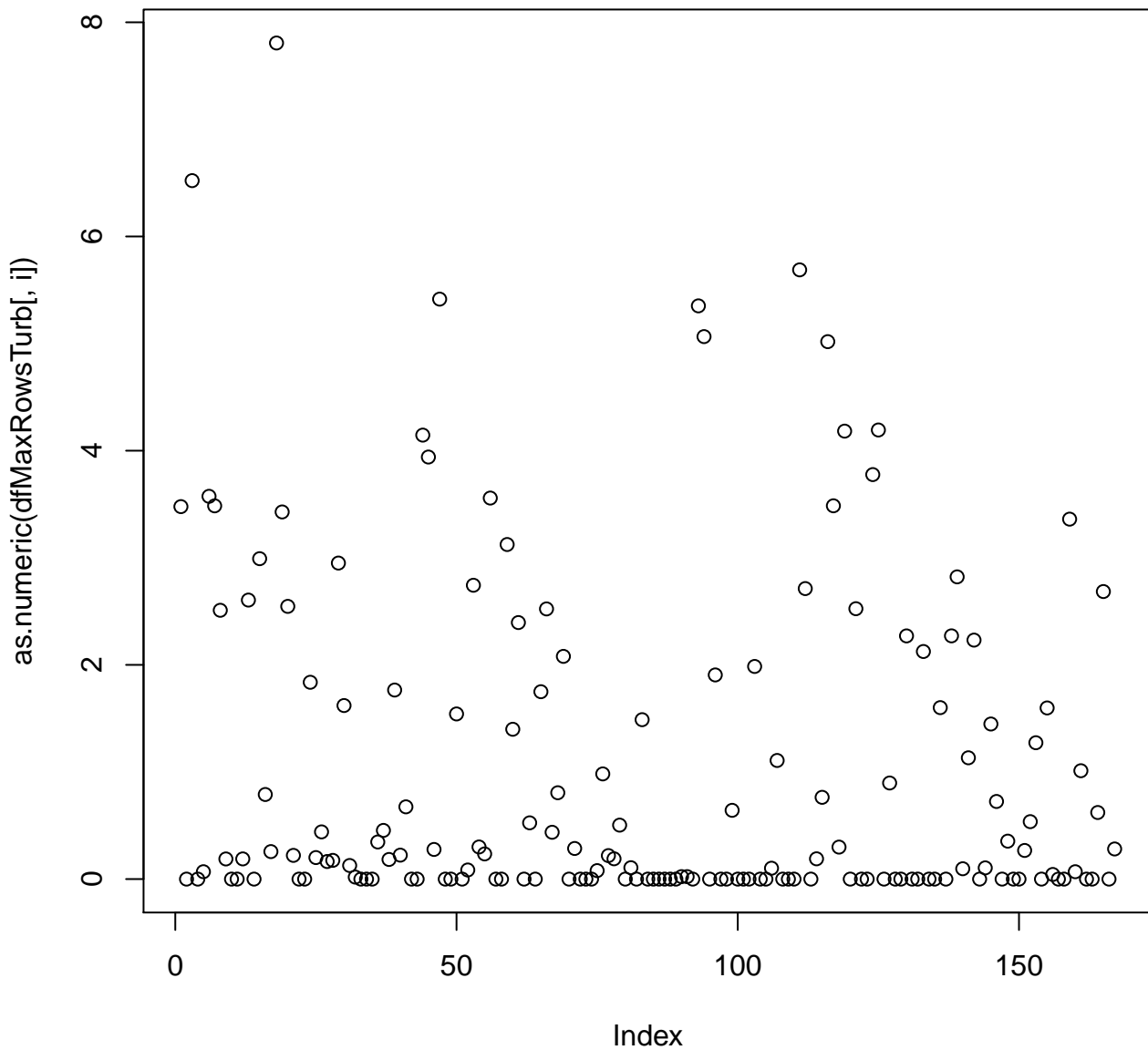
# Sqrt.Precipitation.over.upload.ManitowocR.Sum..6hr



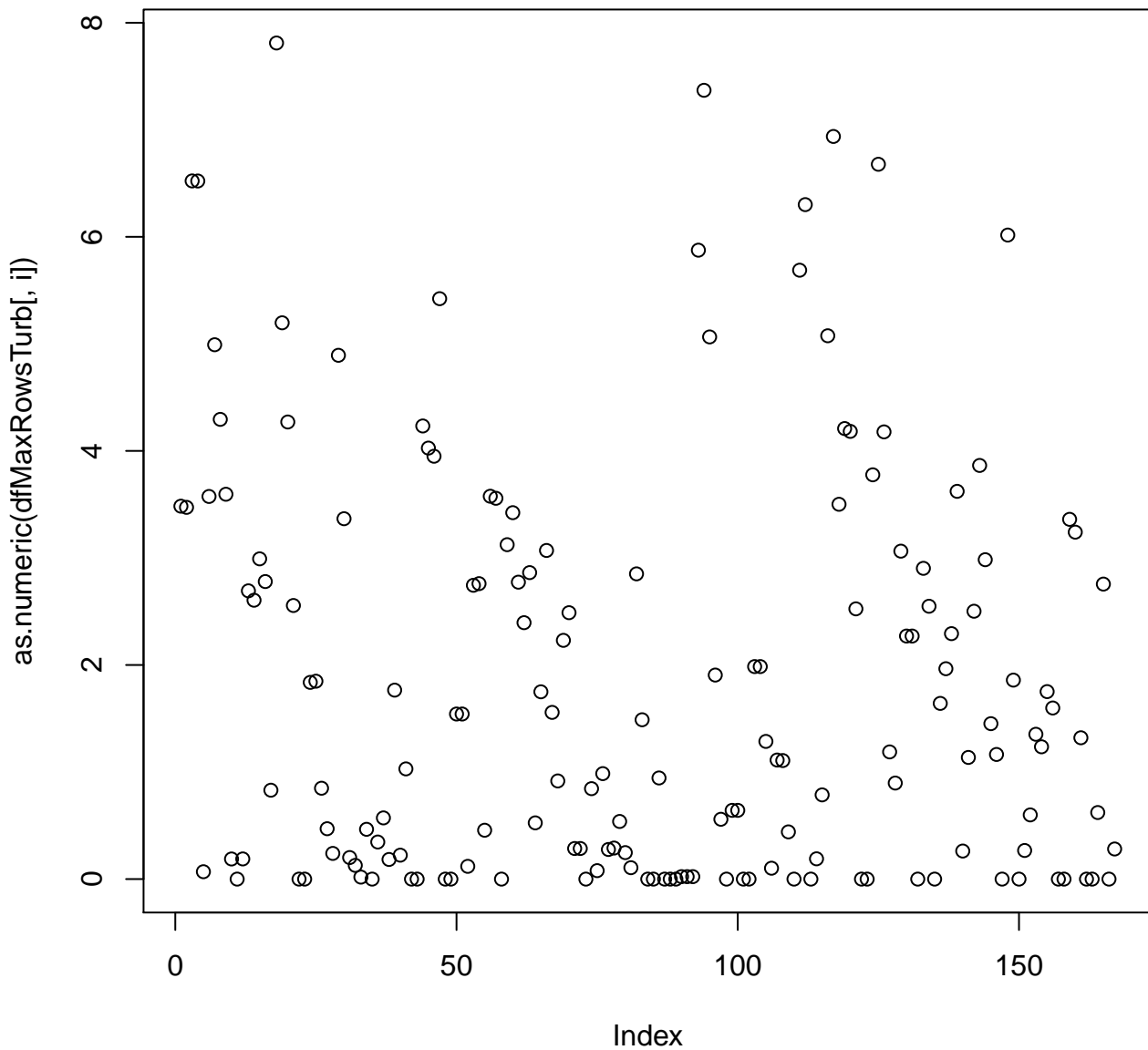
# Sqrt.Precipitation.over.upload.ManitowocR.Sum..12hr



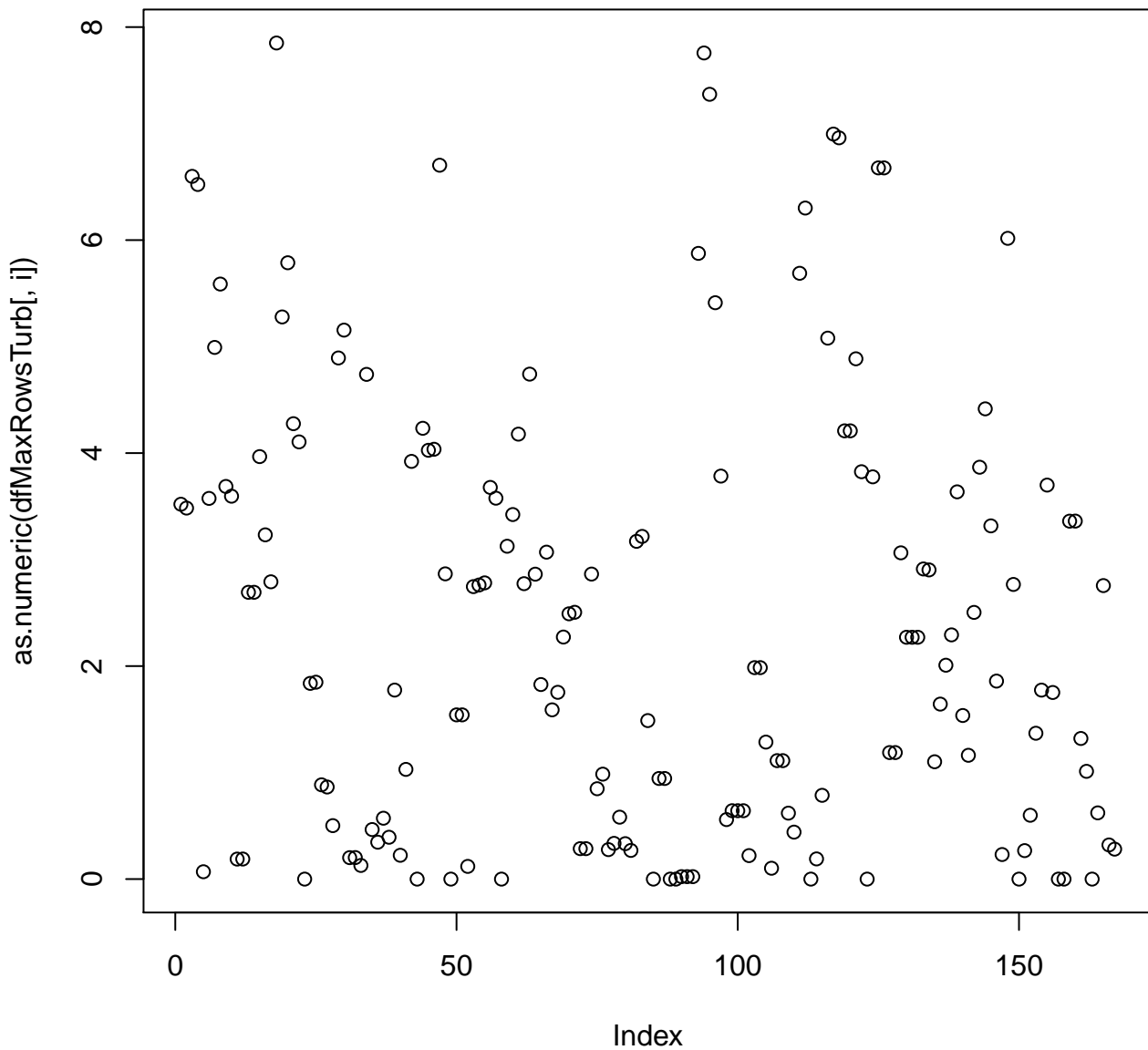
# Sqrt.Precipitation.over.upload.ManitowocR.Sum..24hr



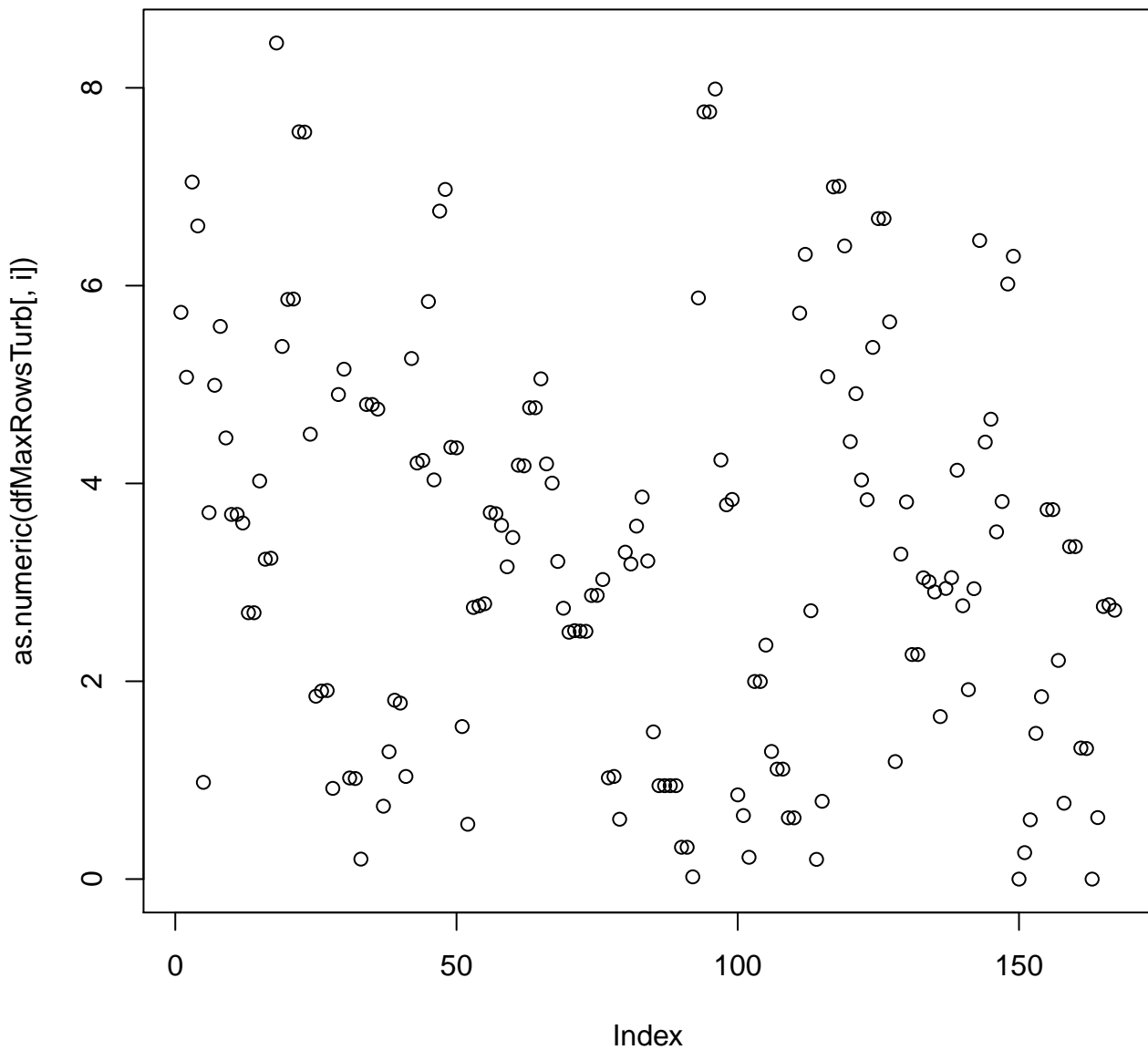
# Sqrt.Precipitation.over.upload.ManitowocR.Sum..48hr



# Sqrt.Precipitation.over.upload.ManitowocR.Sum..72hr

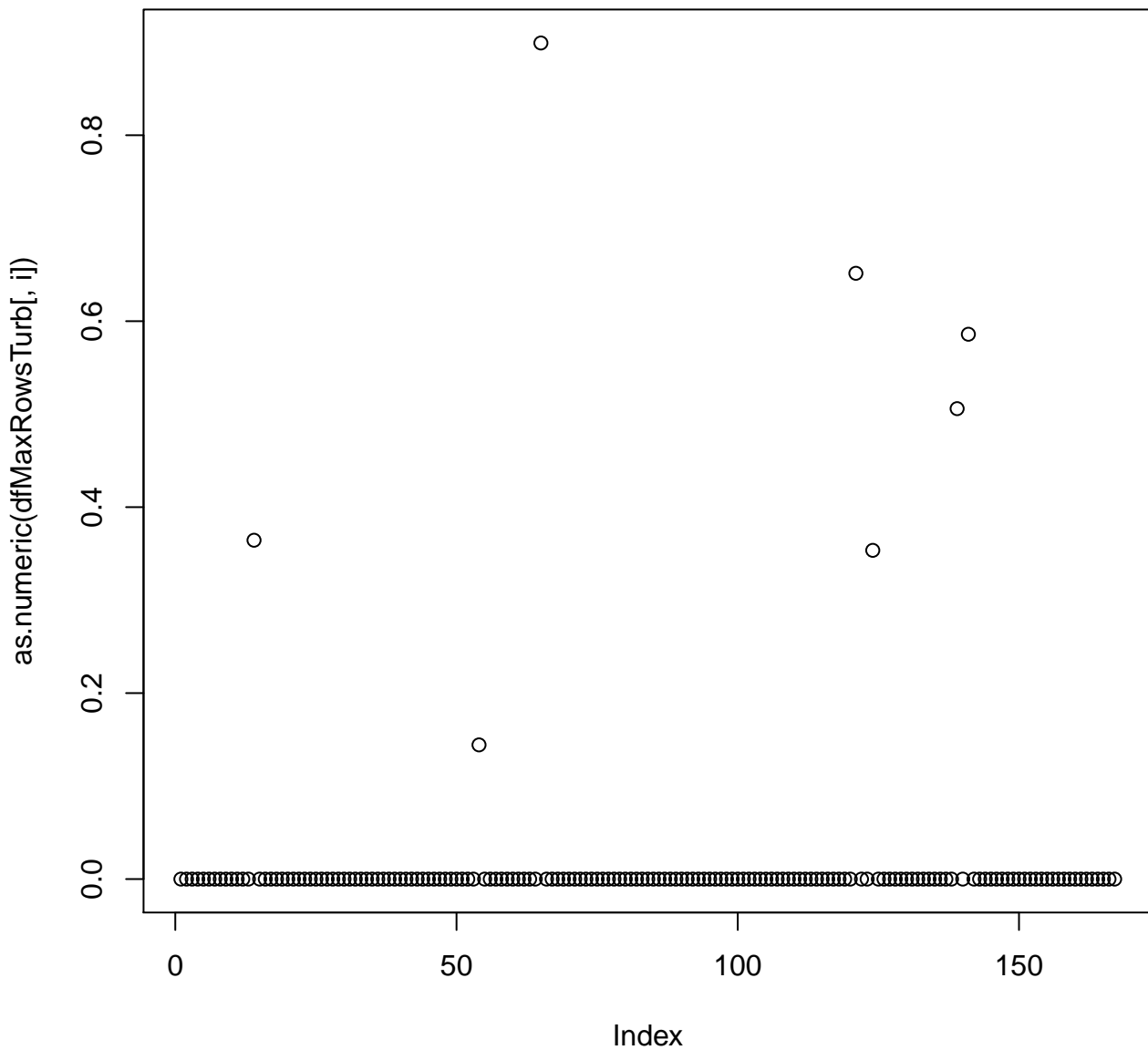


# Sqrt.Precipitation.over.upload.ManitowocR.Sum..120hr

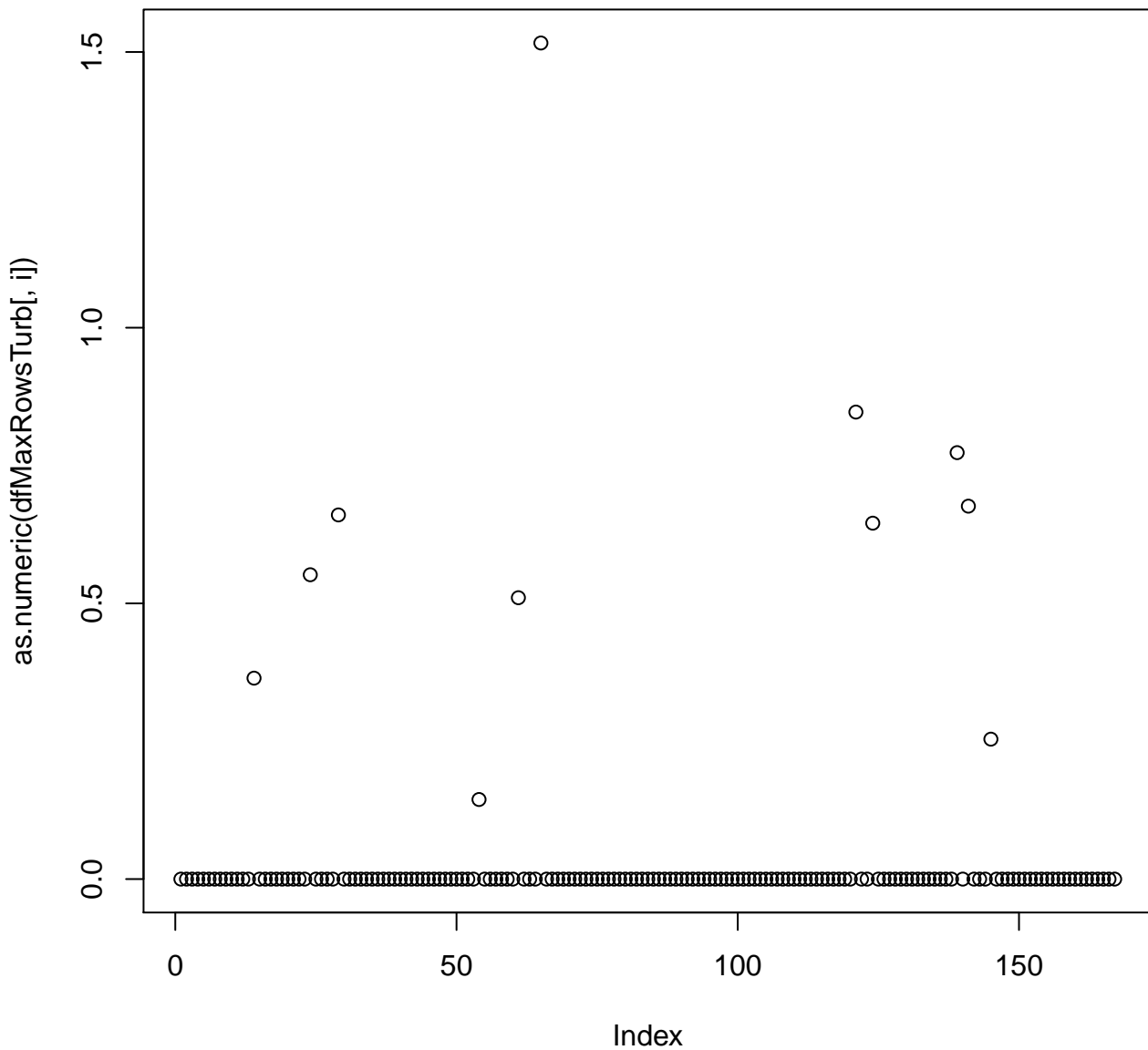




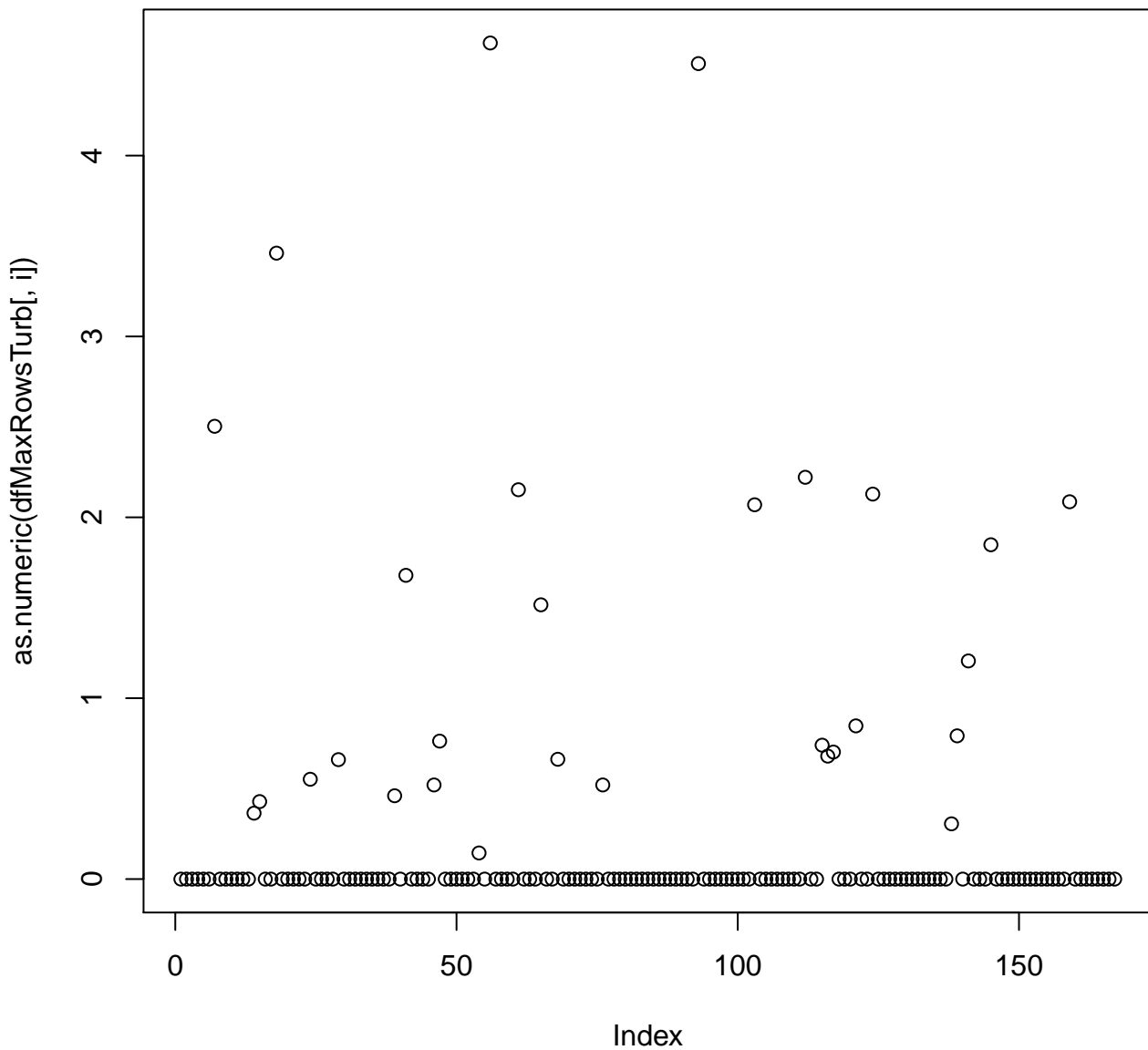
# Sqrt.Precipitation.over.upload.hika.Sum..1hr



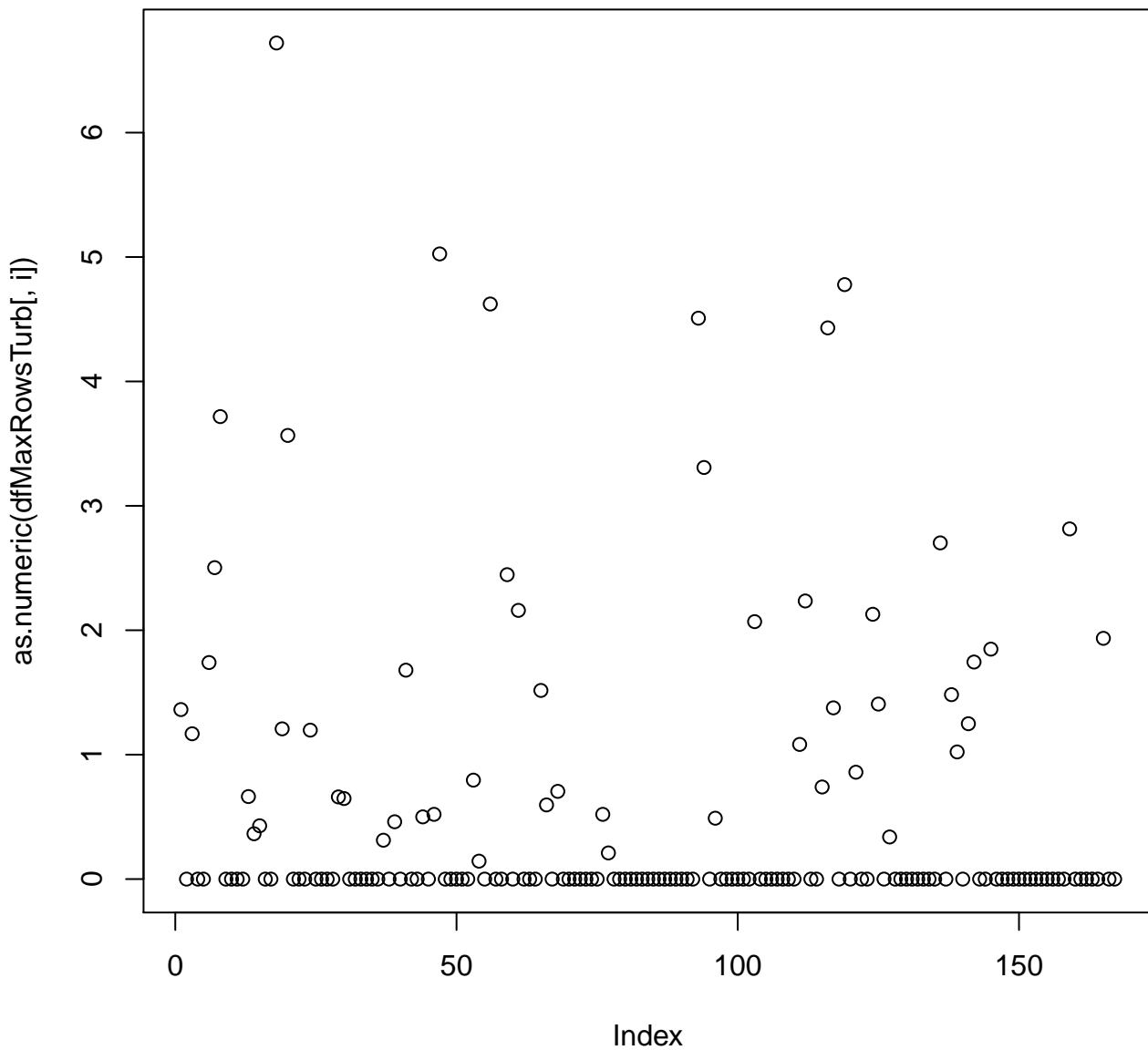
# Sqrt.Precipitation.over.upload.hika.Sum..2hr



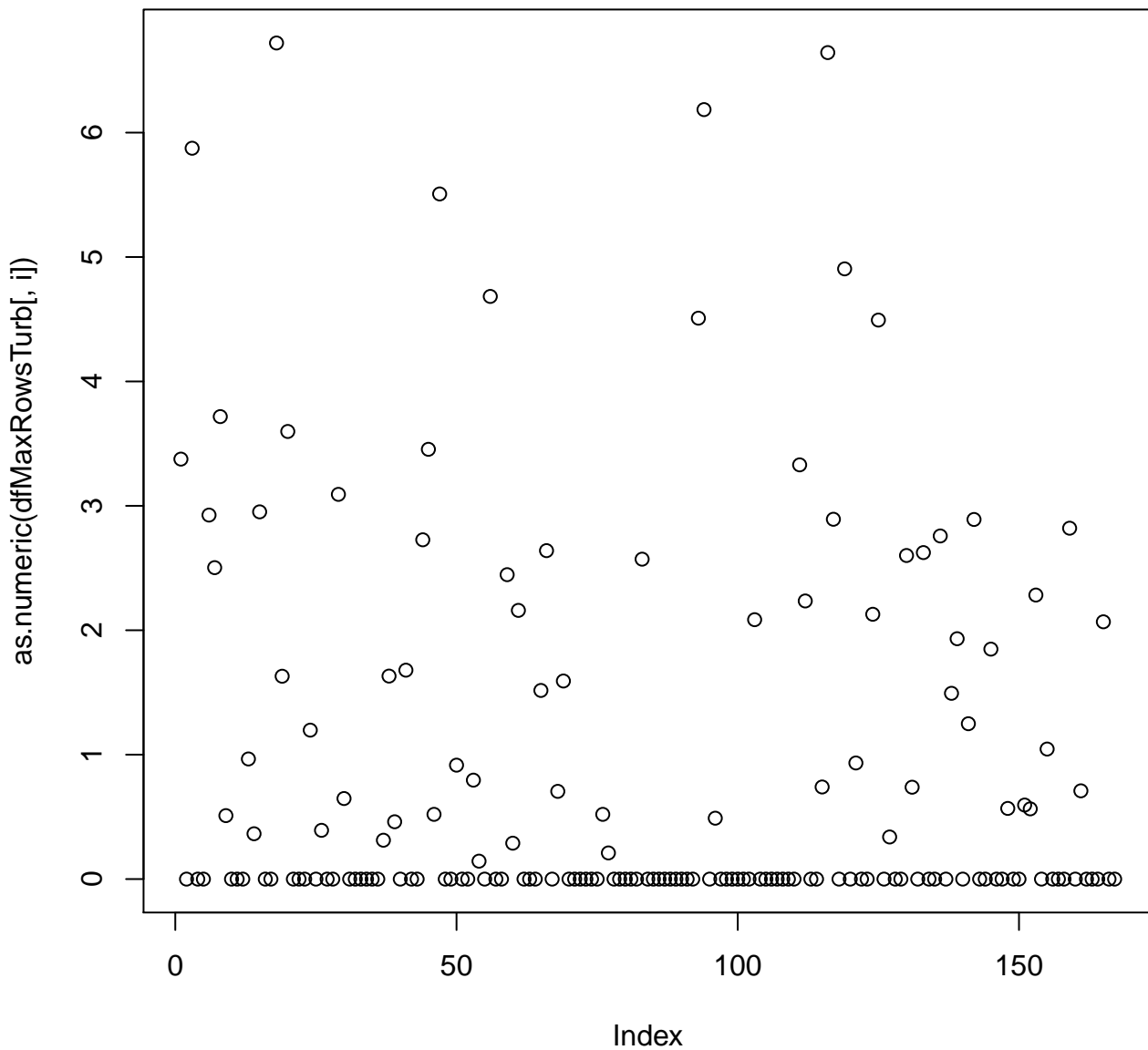
# Sqrt.Precipitation.over.upload.hika.Sum..6hr



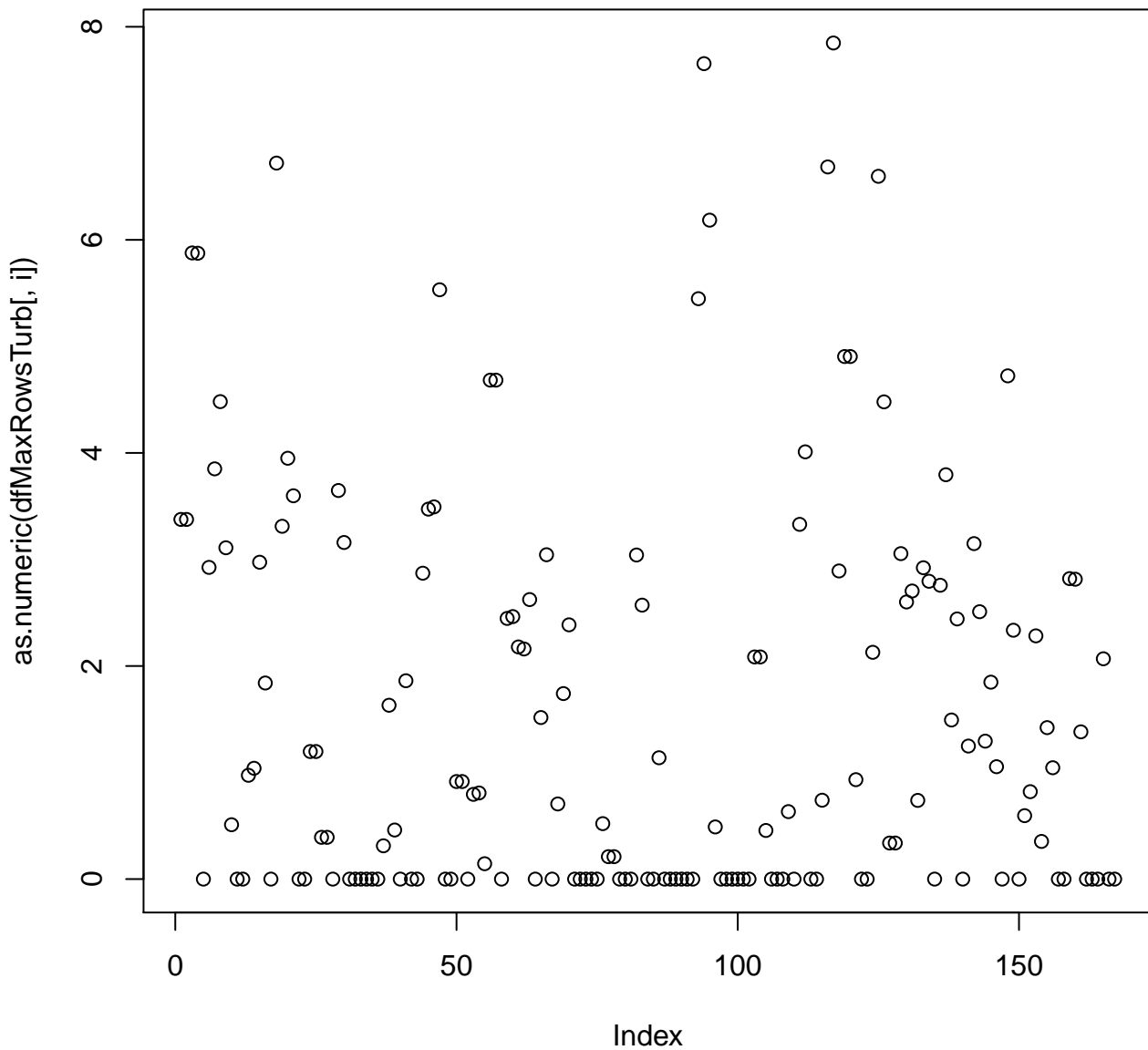
# Sqrt.Precipitation.over.upload.hika.Sum..12hr



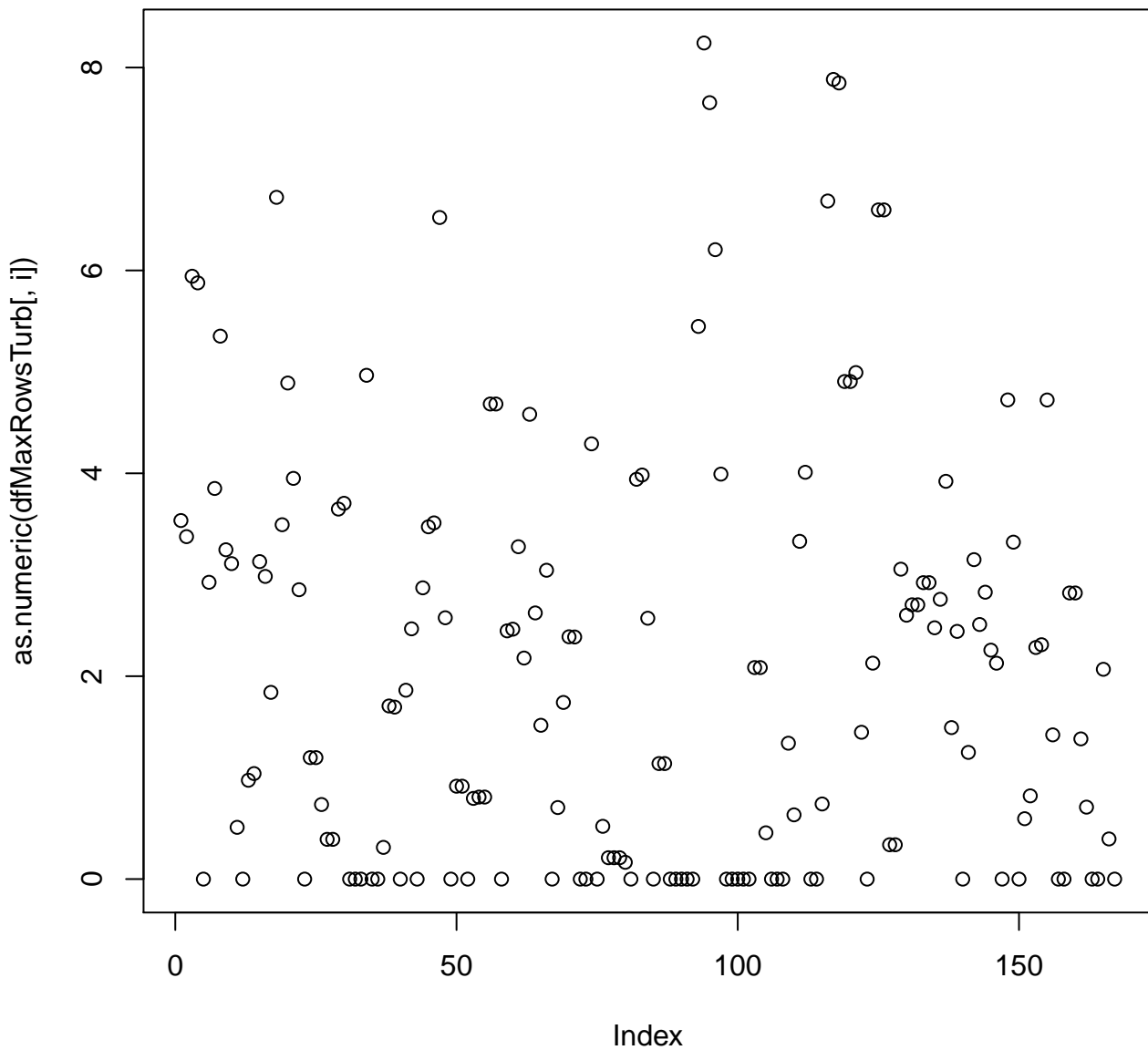
# Sqrt.Precipitation.over.upload.hika.Sum..24hr



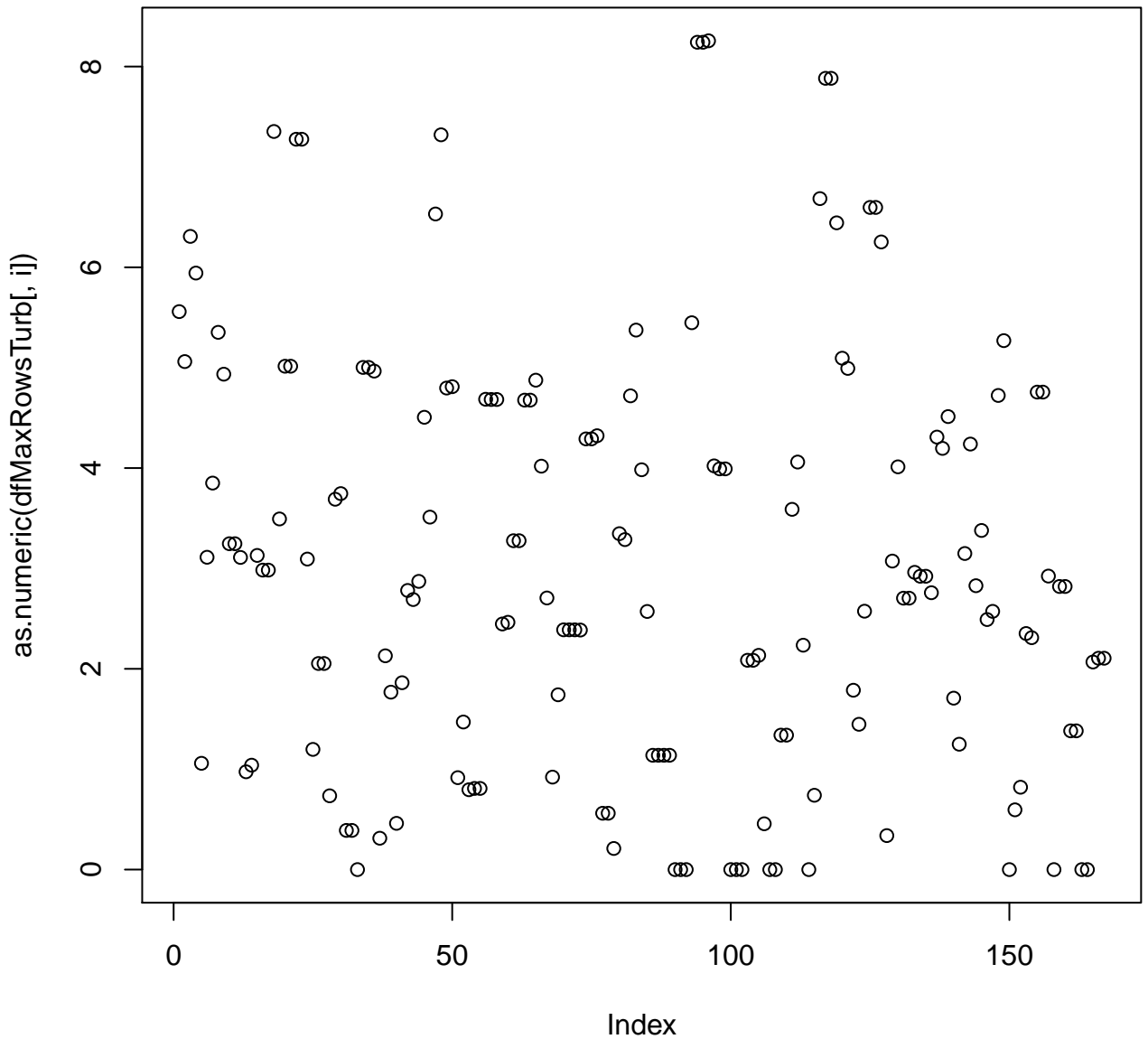
# Sqrt.Precipitation.over.upload.hika.Sum..48hr



# Sqrt.Precipitation.over.upload.hika.Sum..72hr

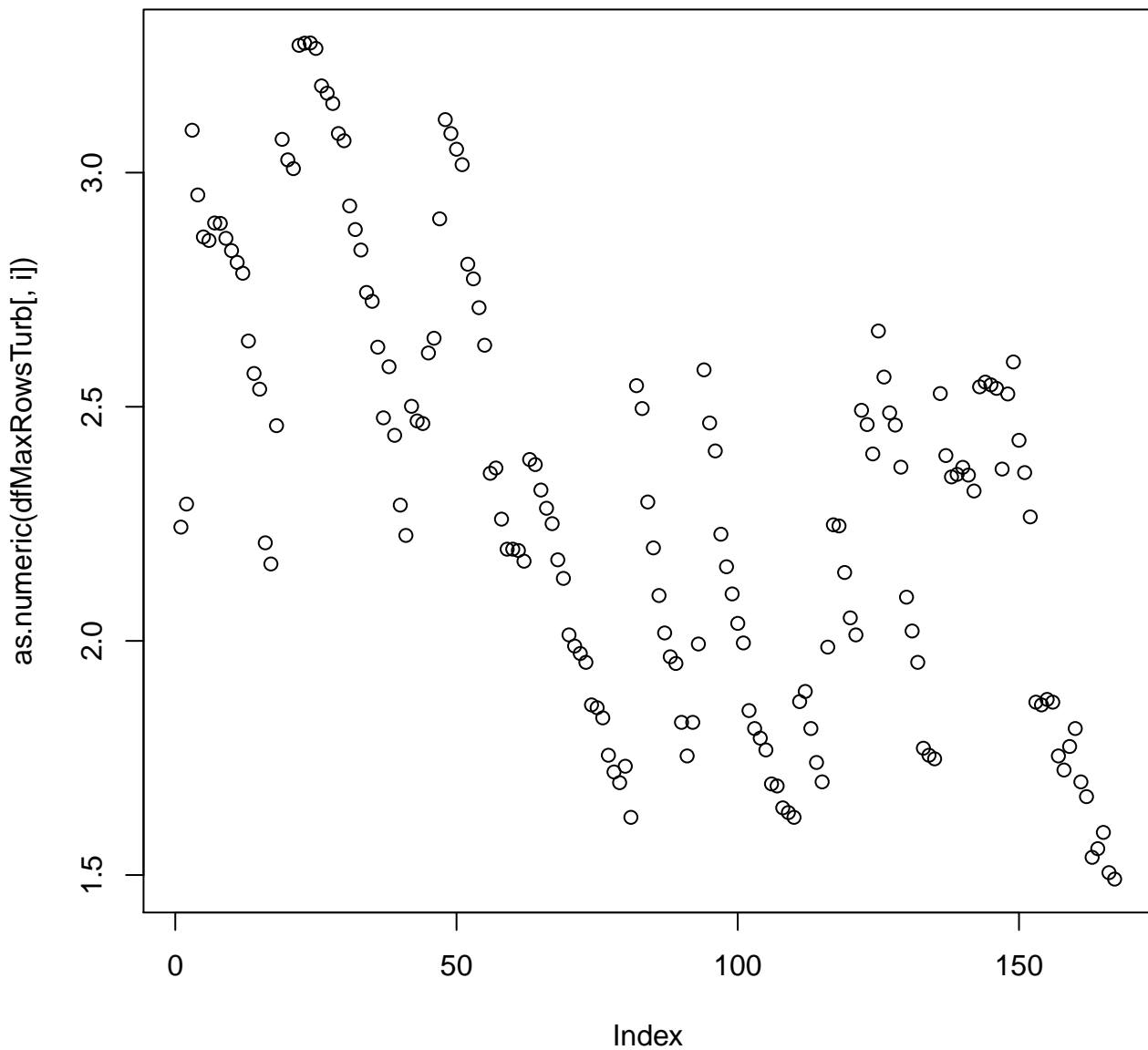


# Sqrt.Precipitation.over.upload.hika.Sum..120hr

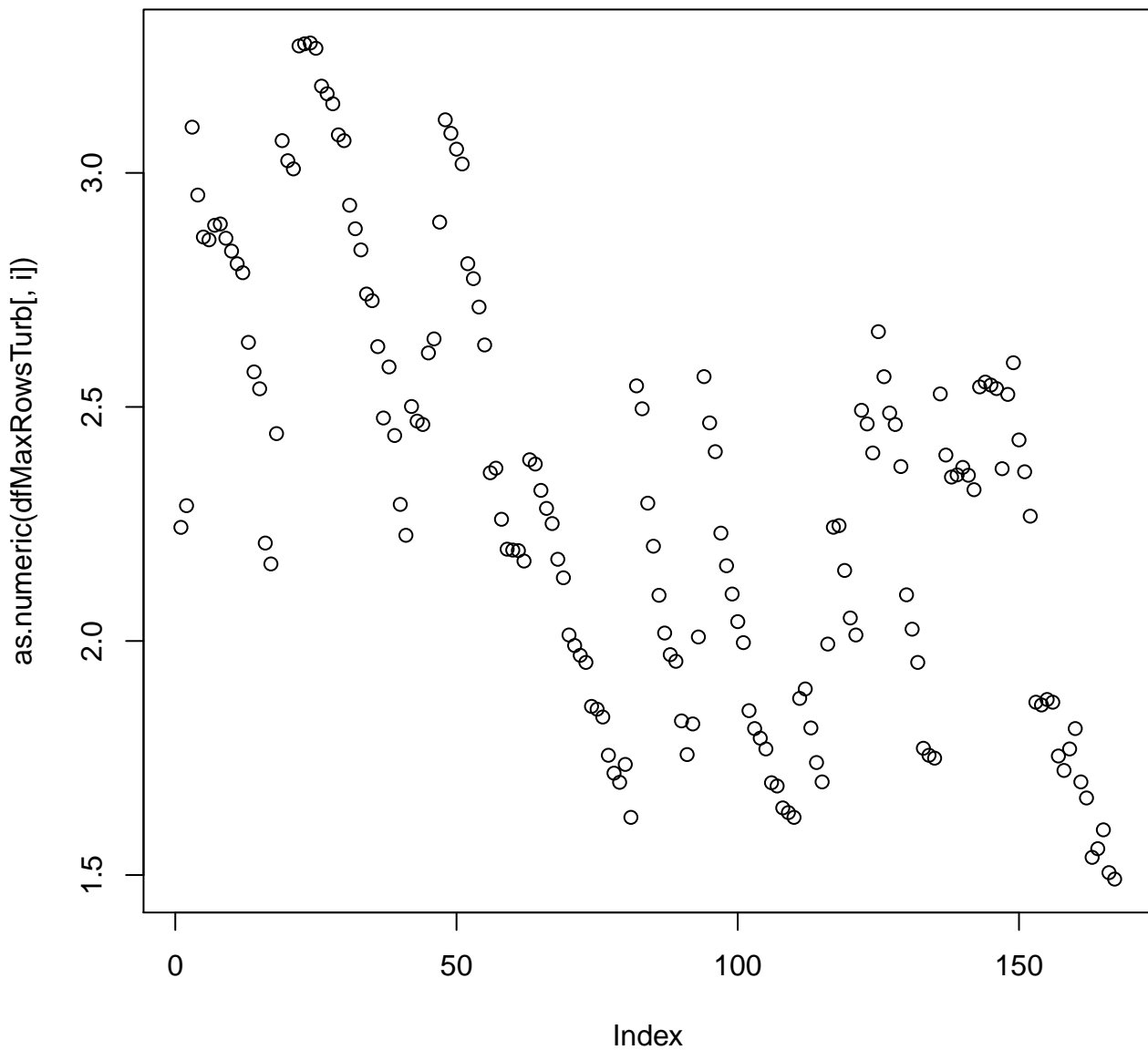




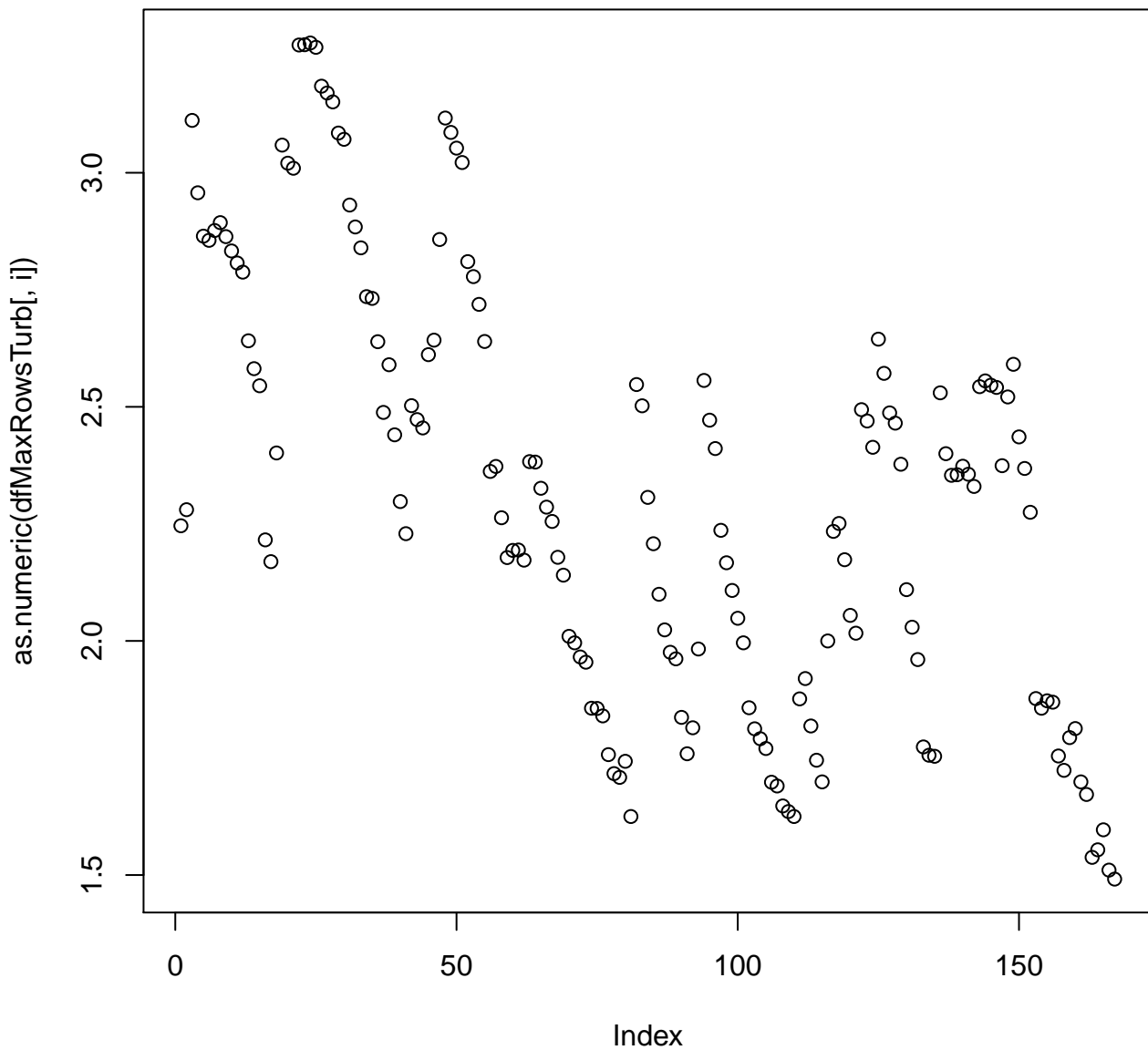
**log.Manitowoc\_Discharge\_Mean\_1**



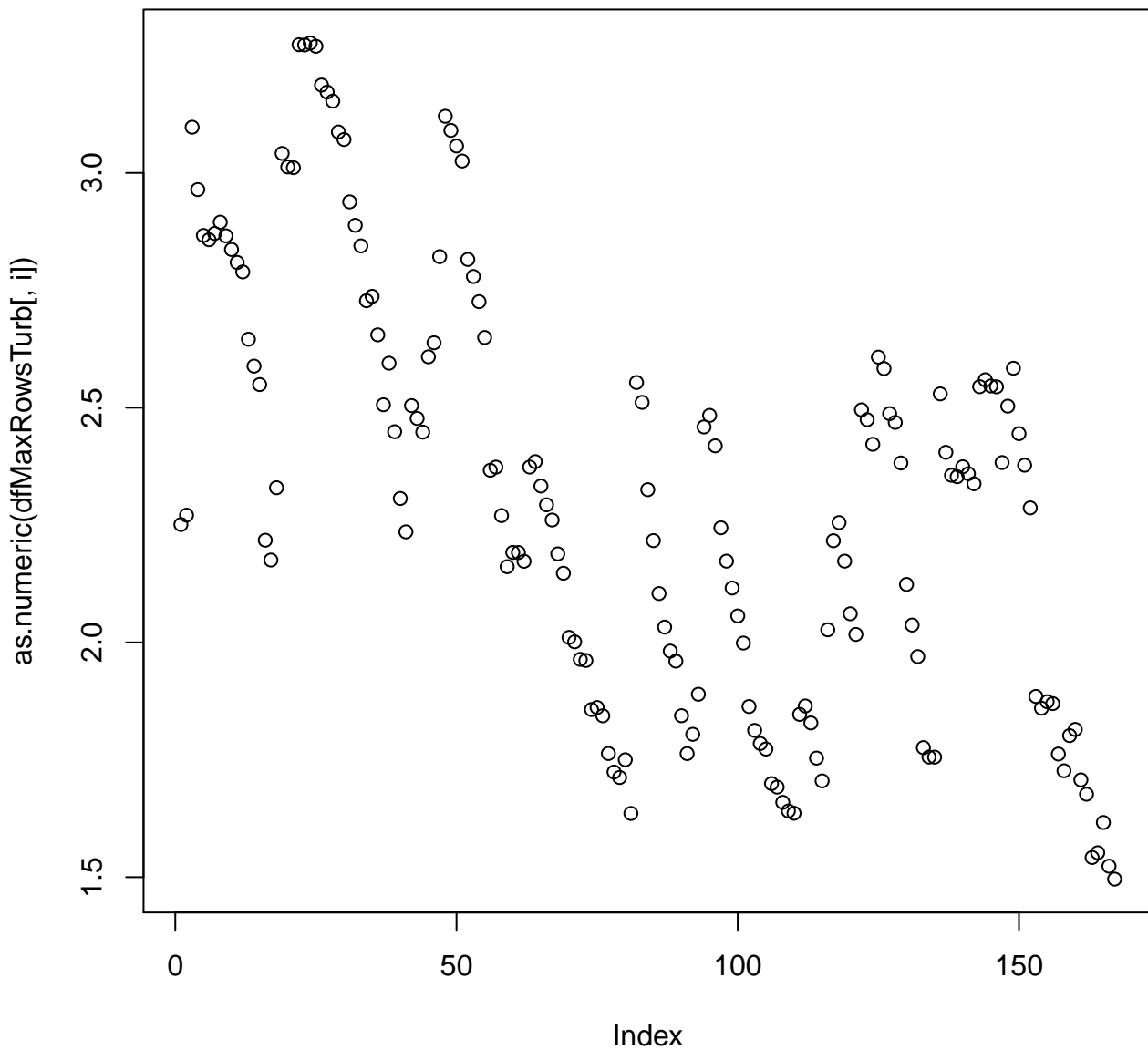
# log.Manitowoc\_Discharge\_Mean\_2



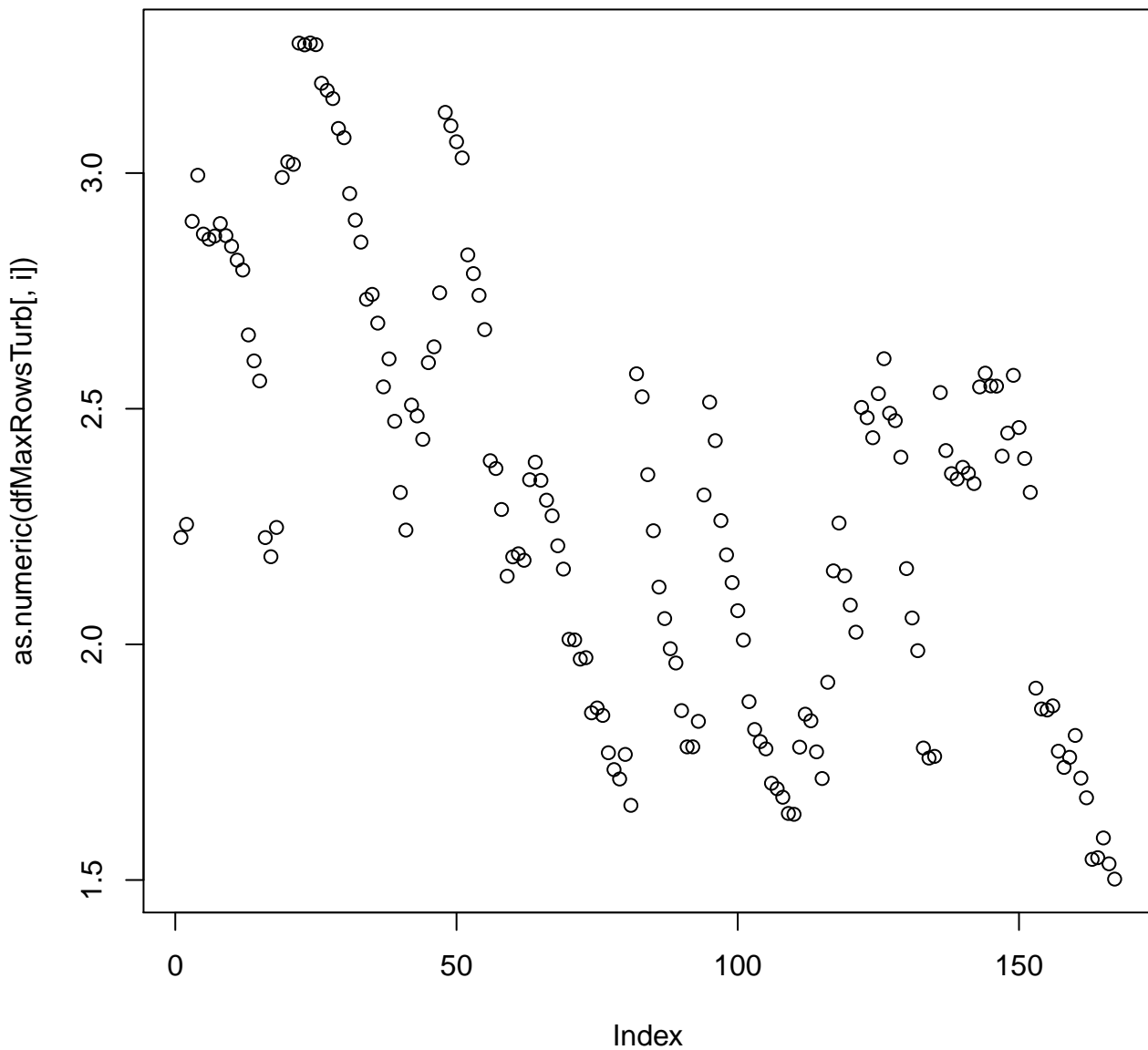
**log.Manitowoc\_Discharge\_Mean\_6**



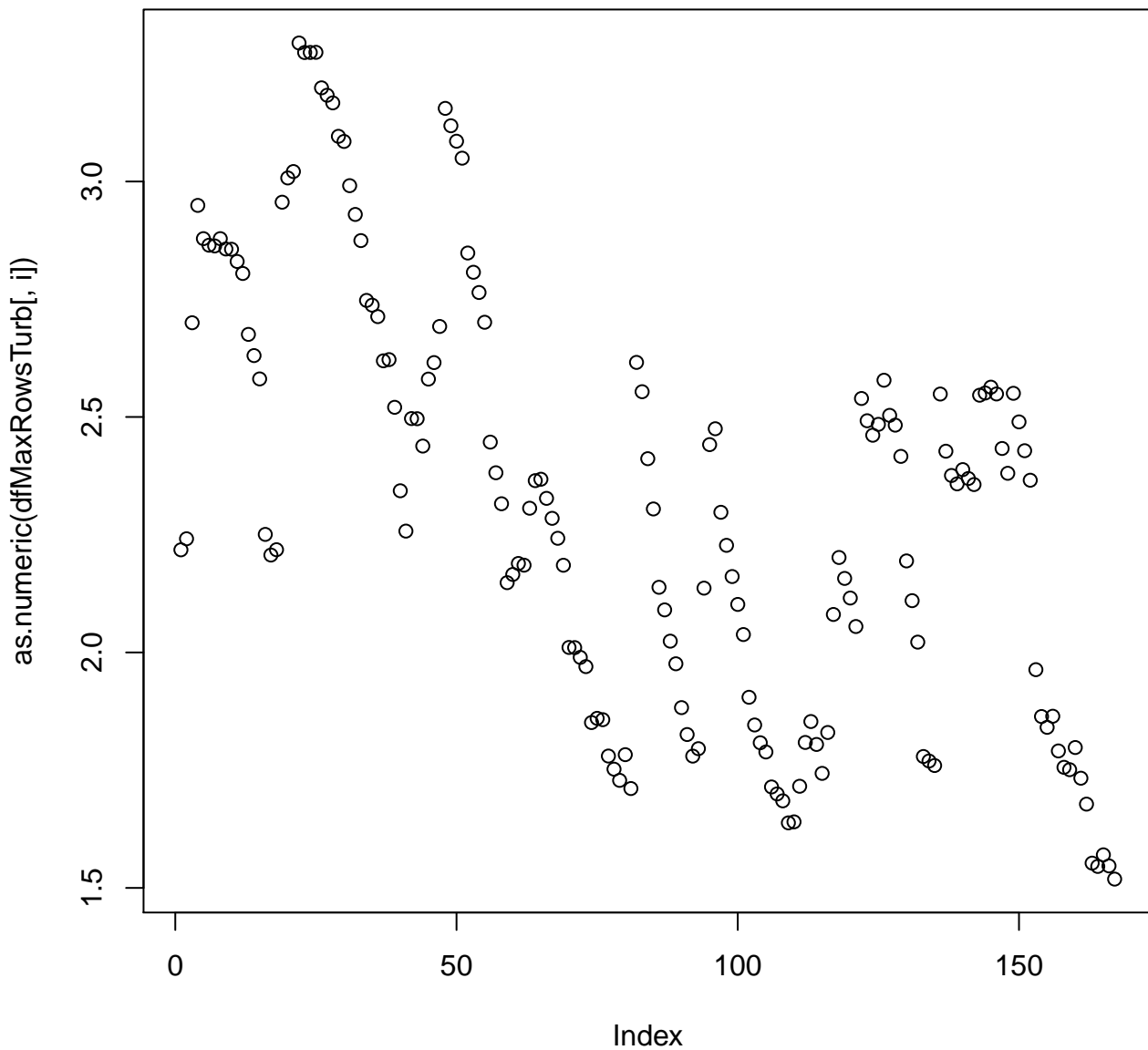
# log.Manitowoc\_Discharge\_Mean\_12



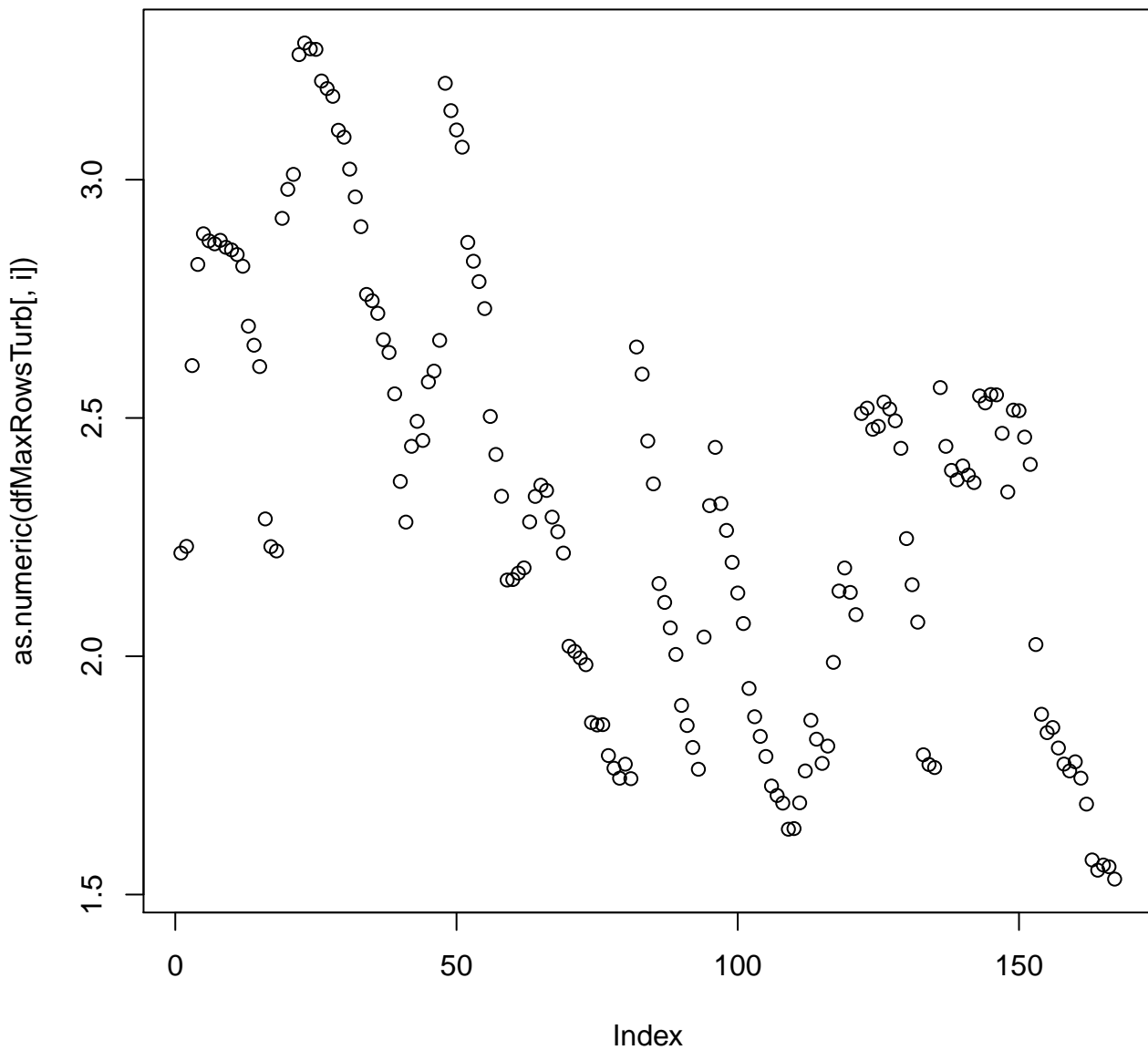
**log.Manitowoc\_Discharge\_Mean\_24**



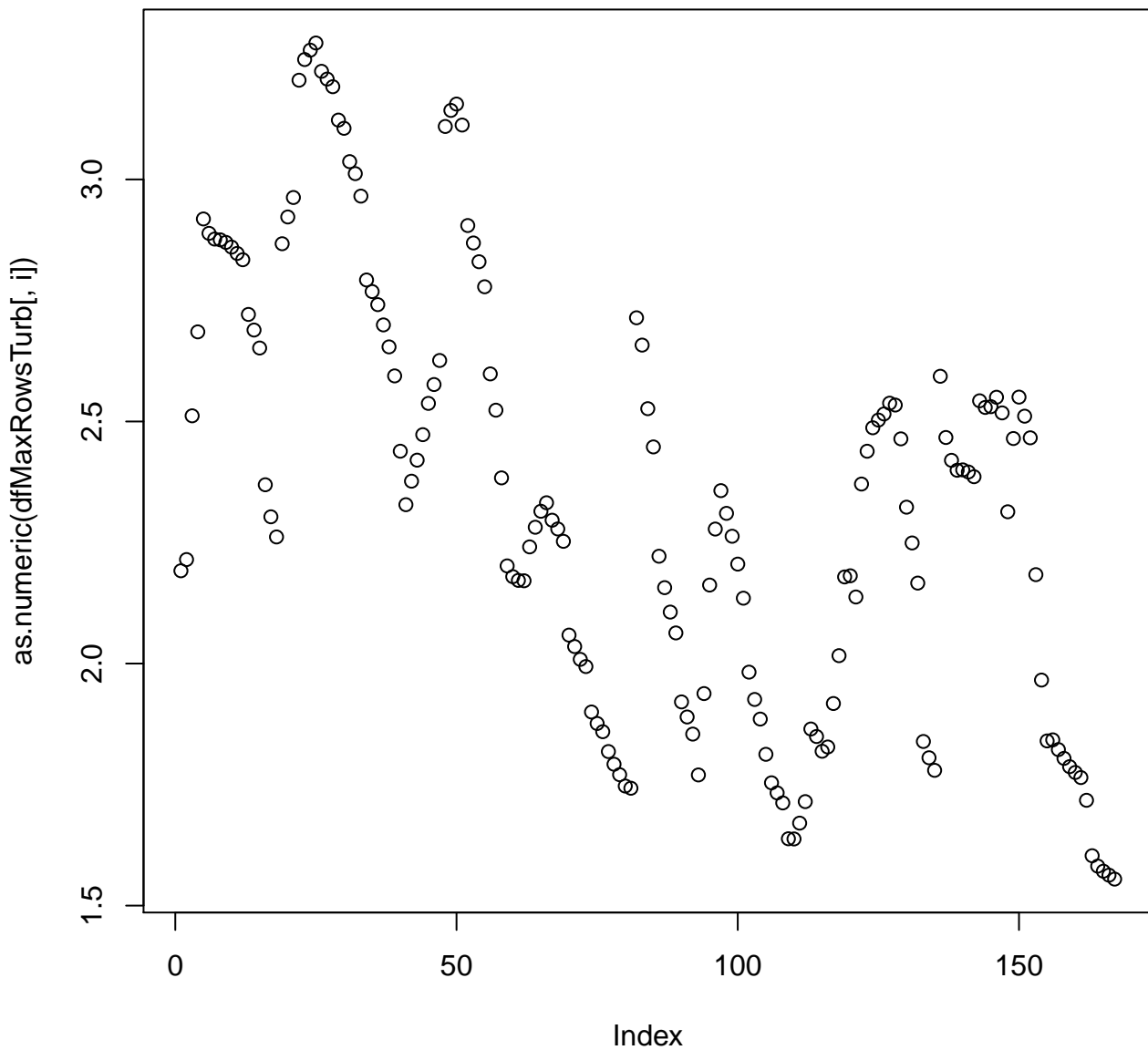
# log.Manitowoc\_Discharge\_Mean\_48



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

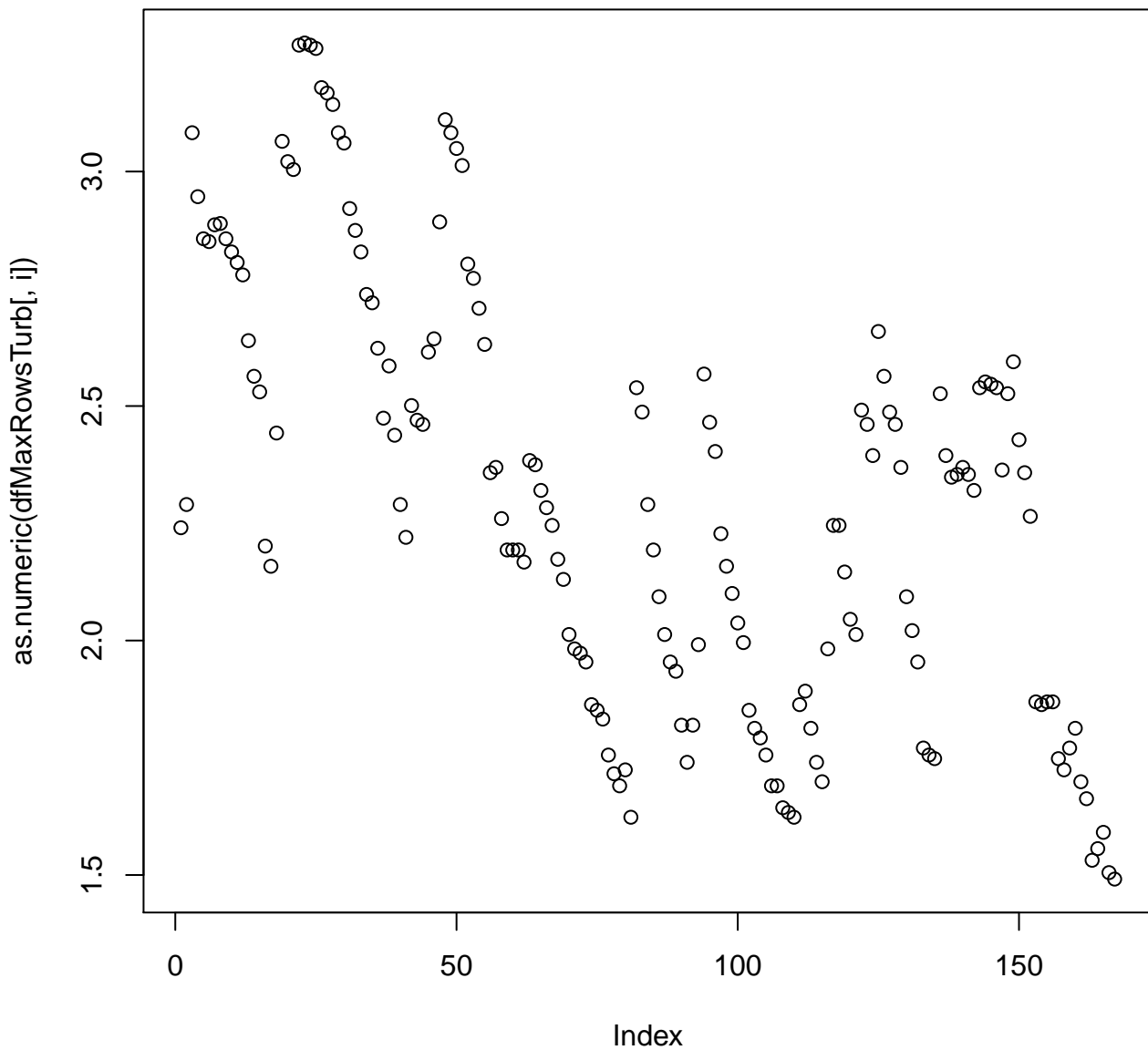


# log.Manitowoc\_Discharge\_Mean\_120

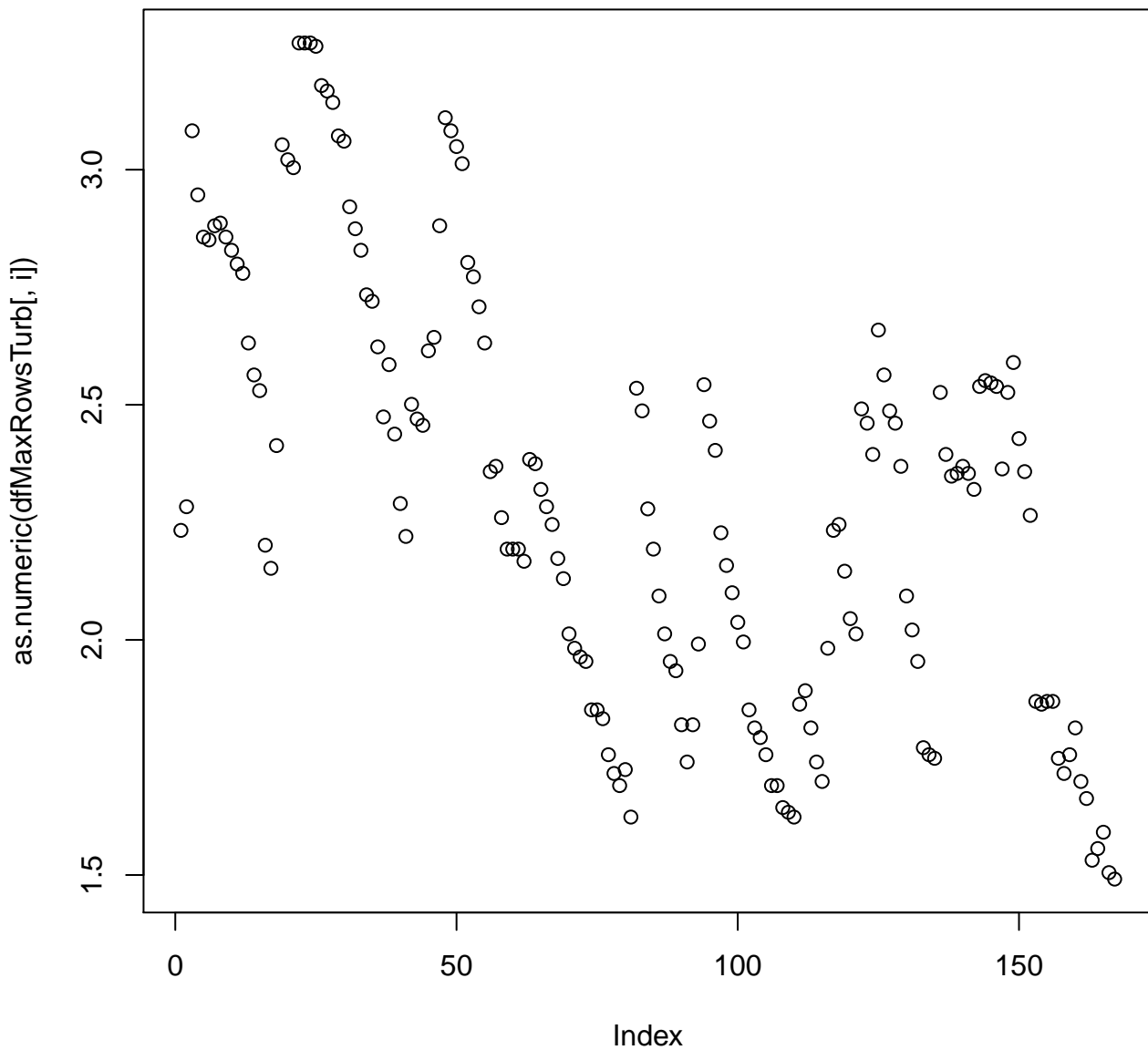




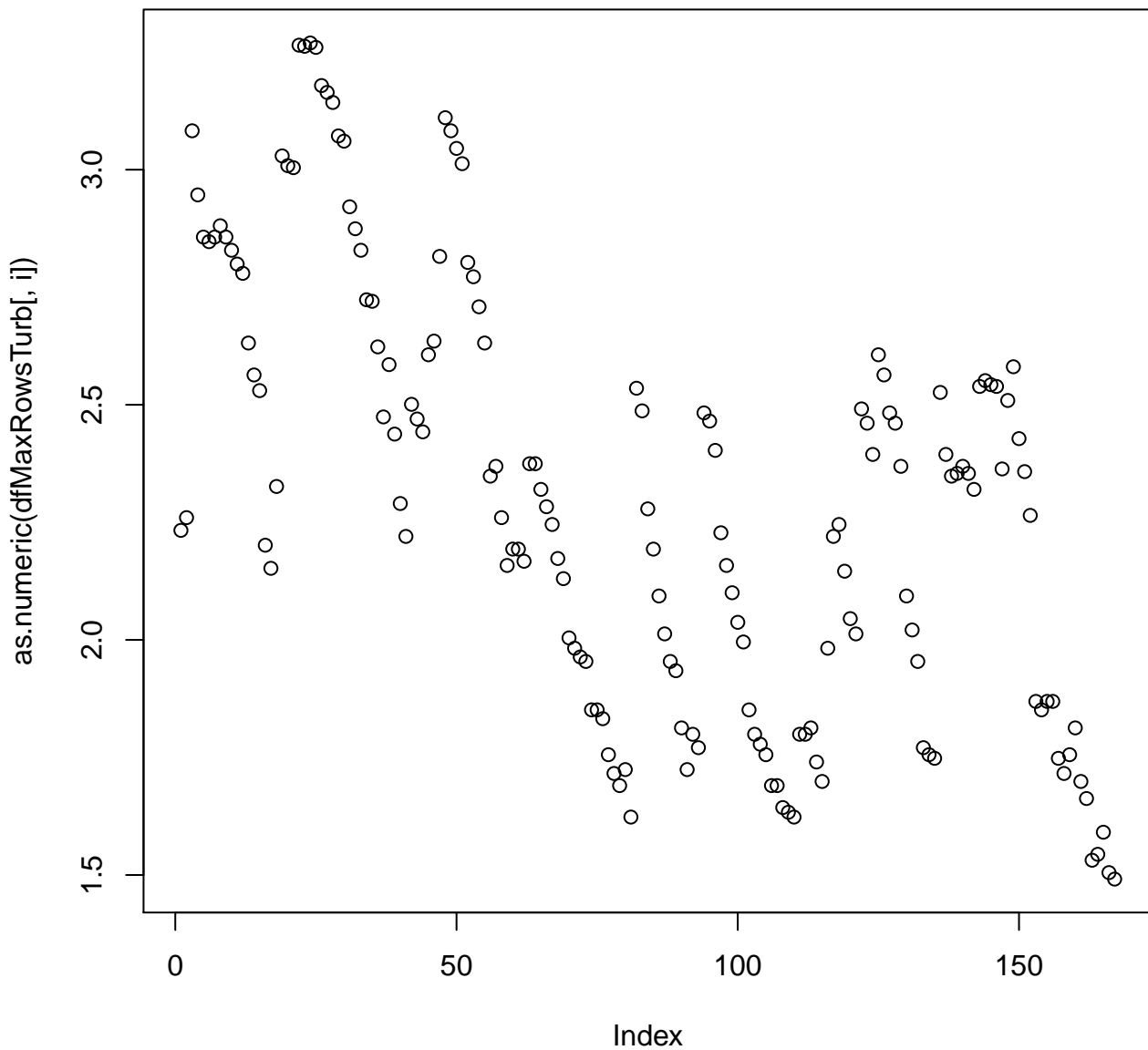
# log.Manitowoc\_Discharge\_Min\_1



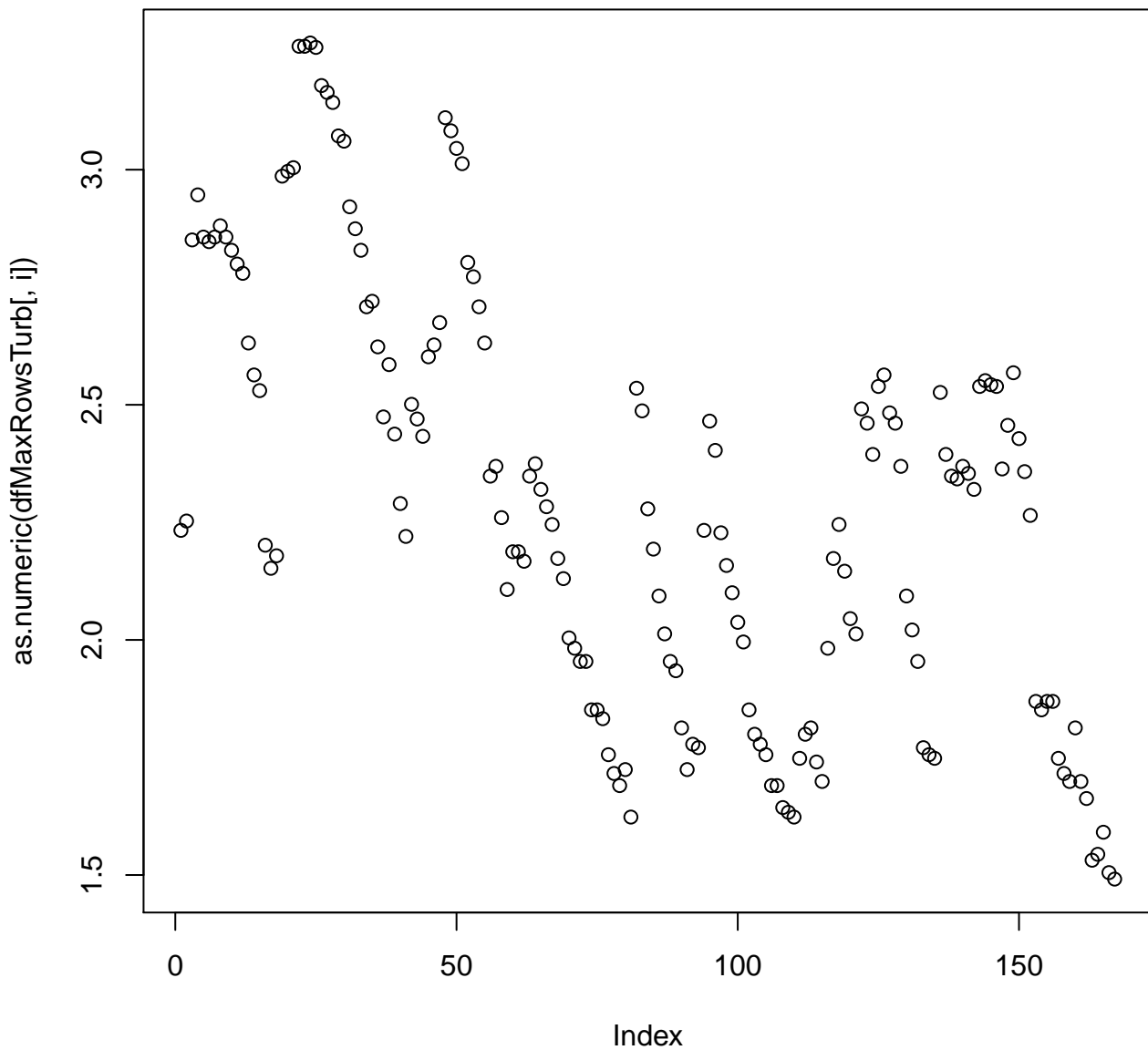
# log.Manitowoc\_Discharge\_Min\_2



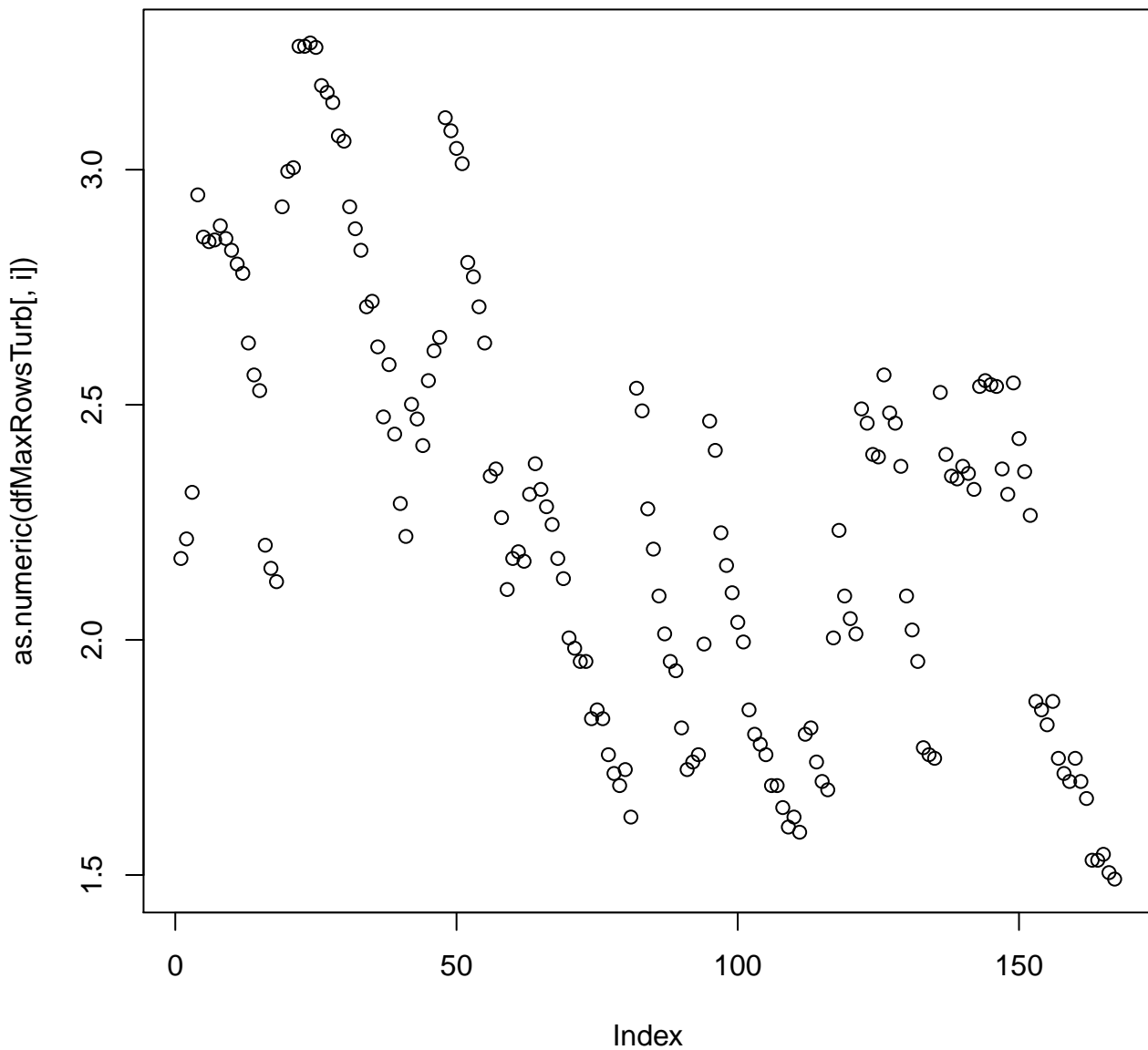
# log.Manitowoc\_Discharge\_Min\_6



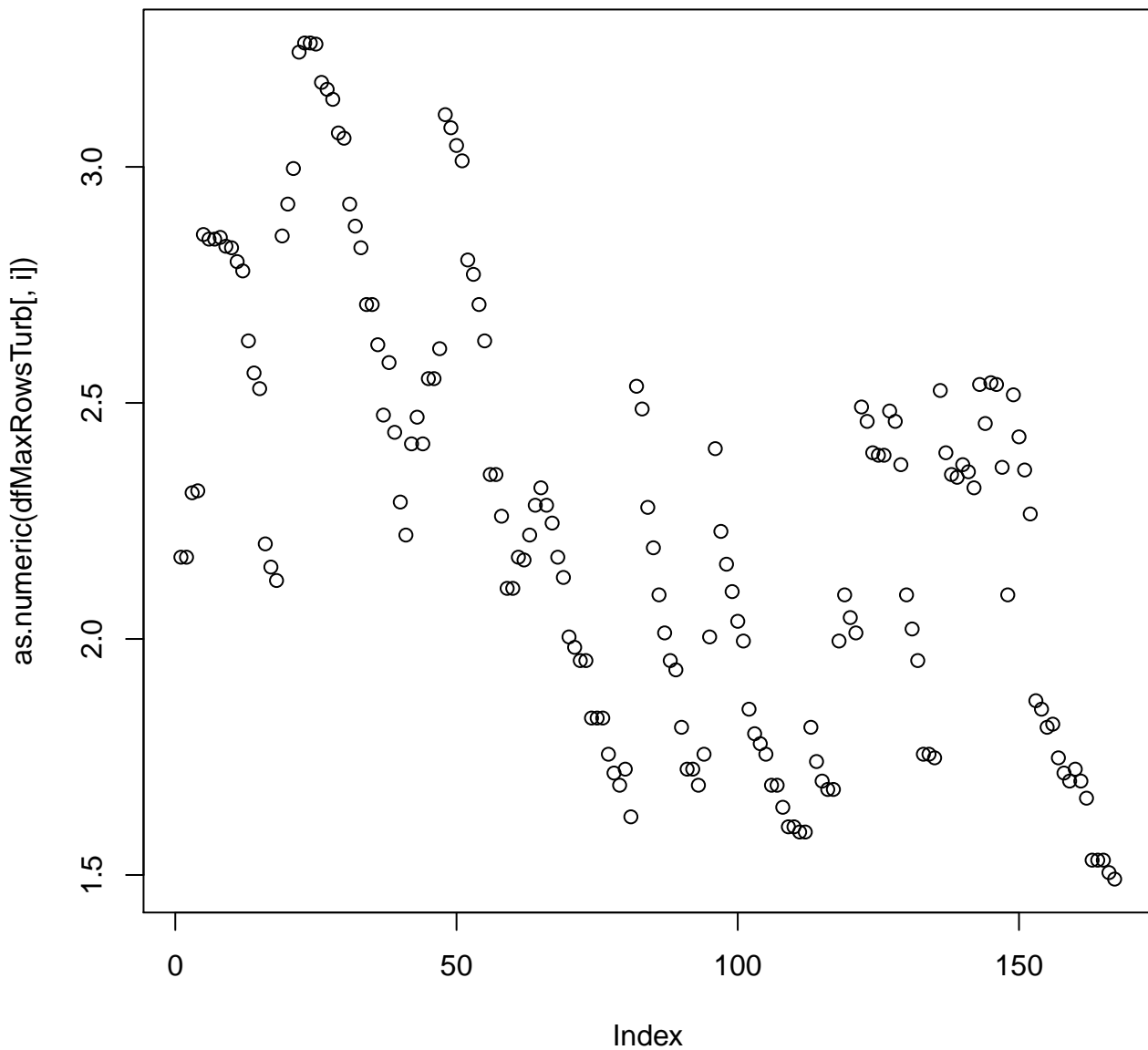
# log.Manitowoc\_Discharge\_Min\_12



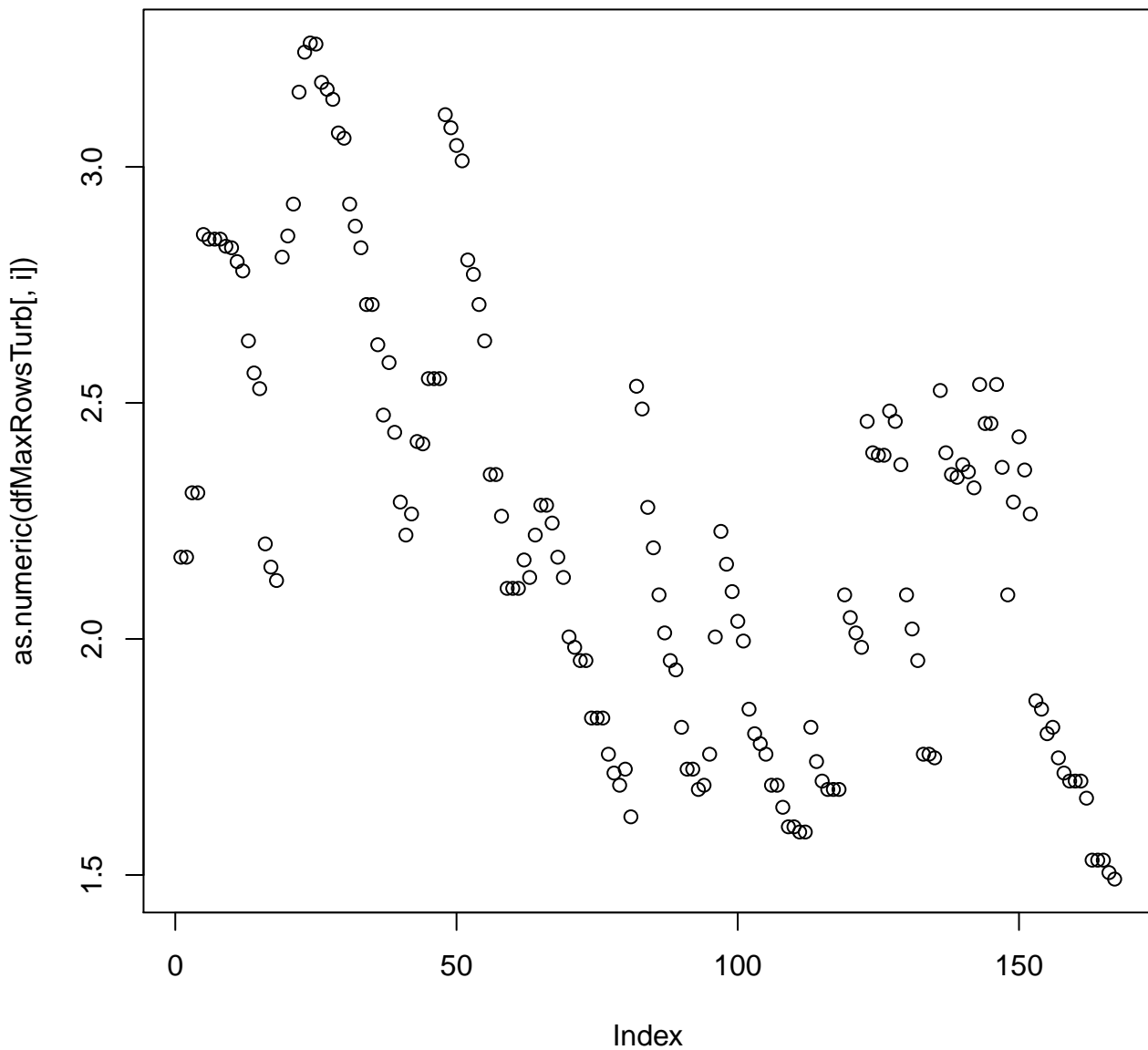
# log.Manitowoc\_Discharge\_Min\_24



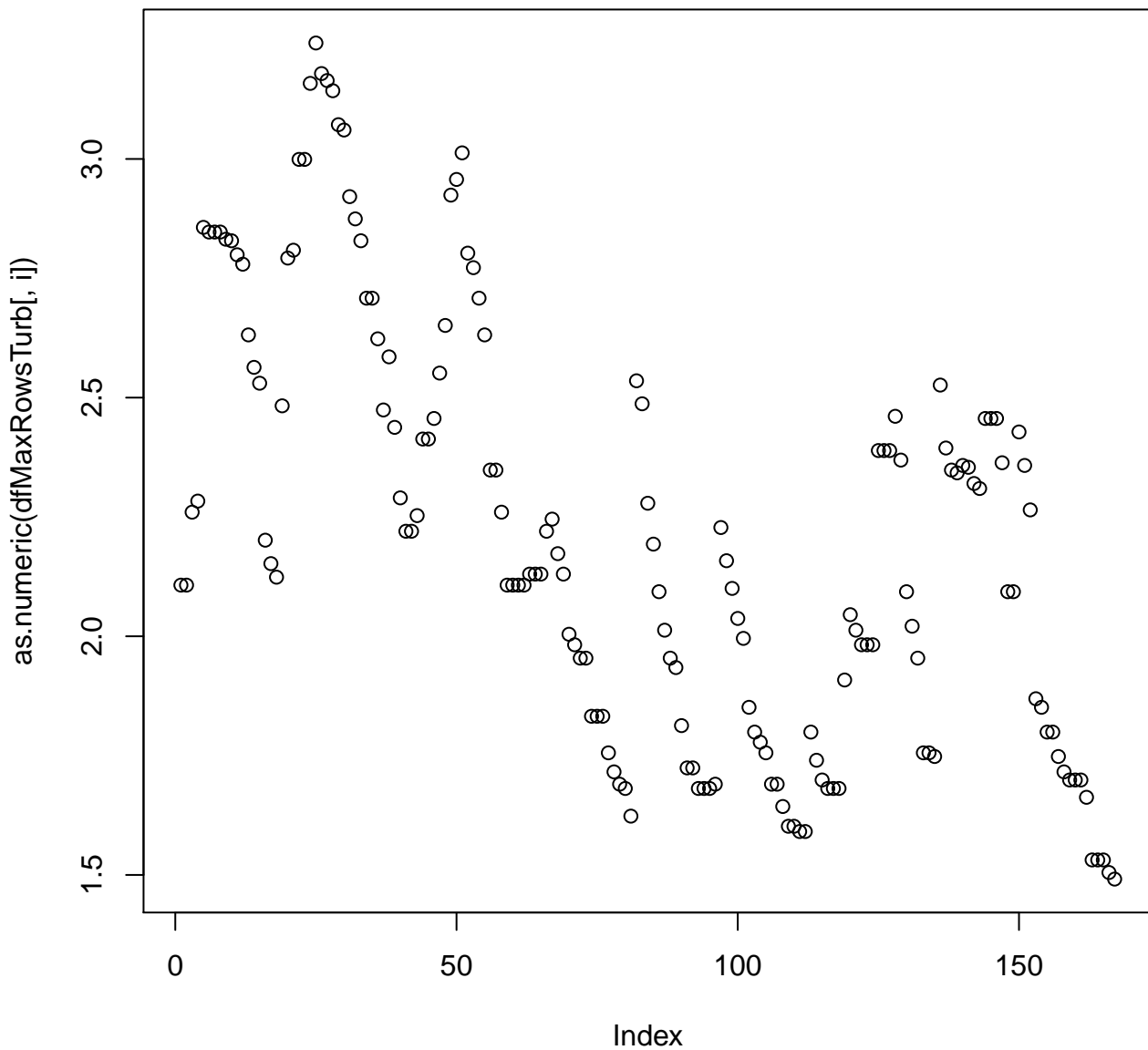
# log.Manitowoc\_Discharge\_Min\_48



# log.Manitowoc\_Discharge\_Min\_72

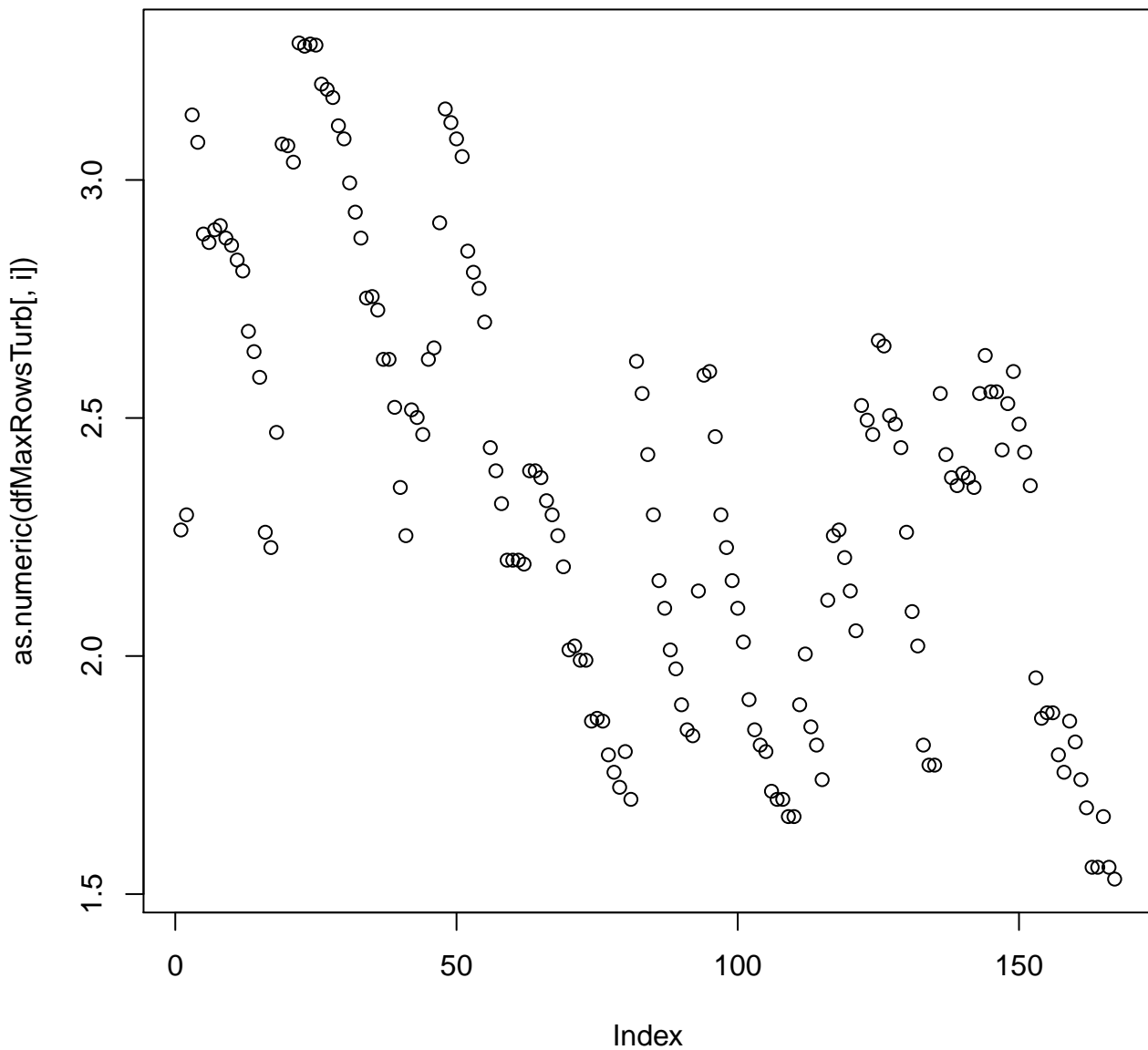


# log.Manitowoc\_Discharge\_Min\_120

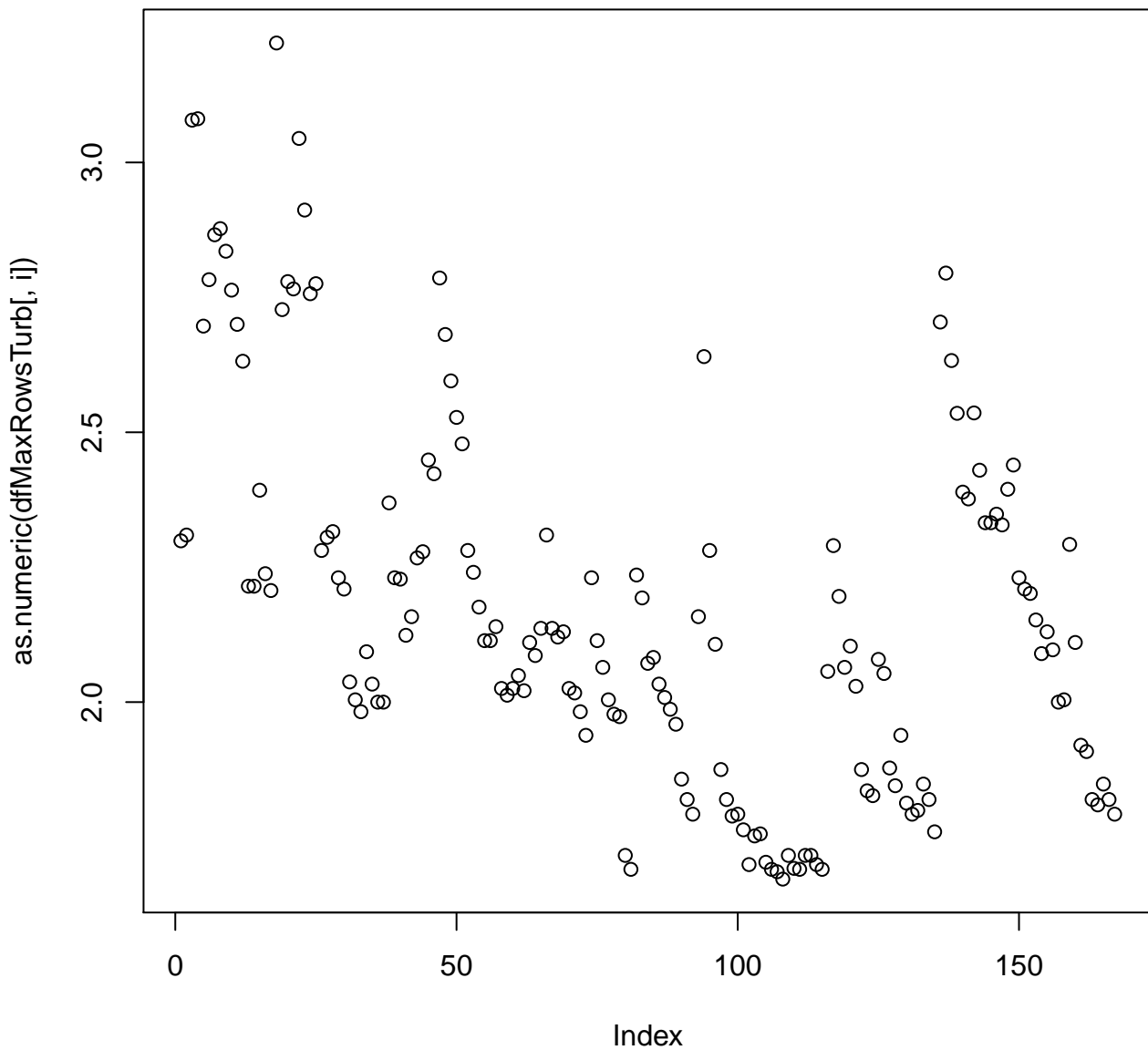




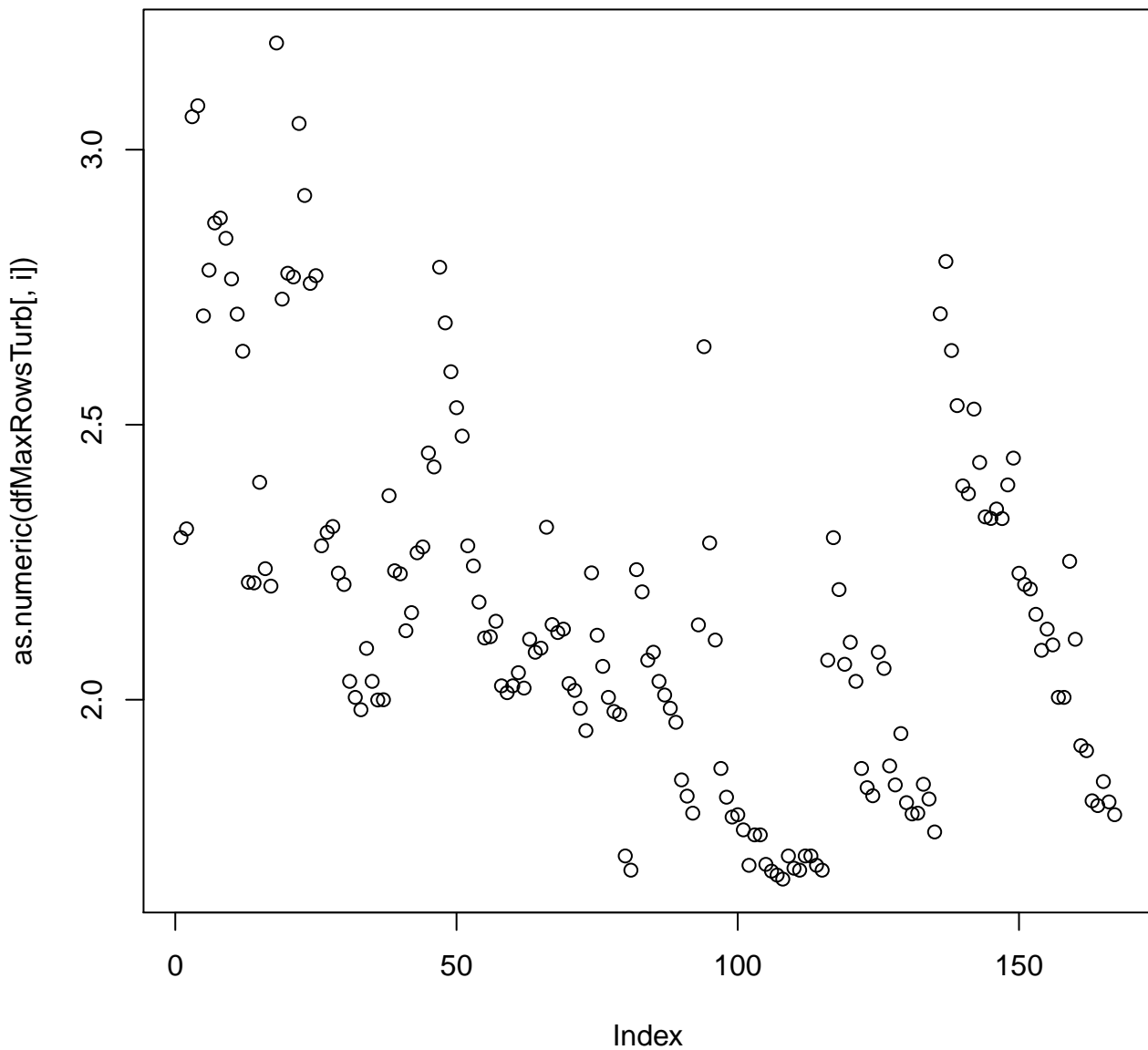
# log.Manitowoc\_Discharge\_Max\_24



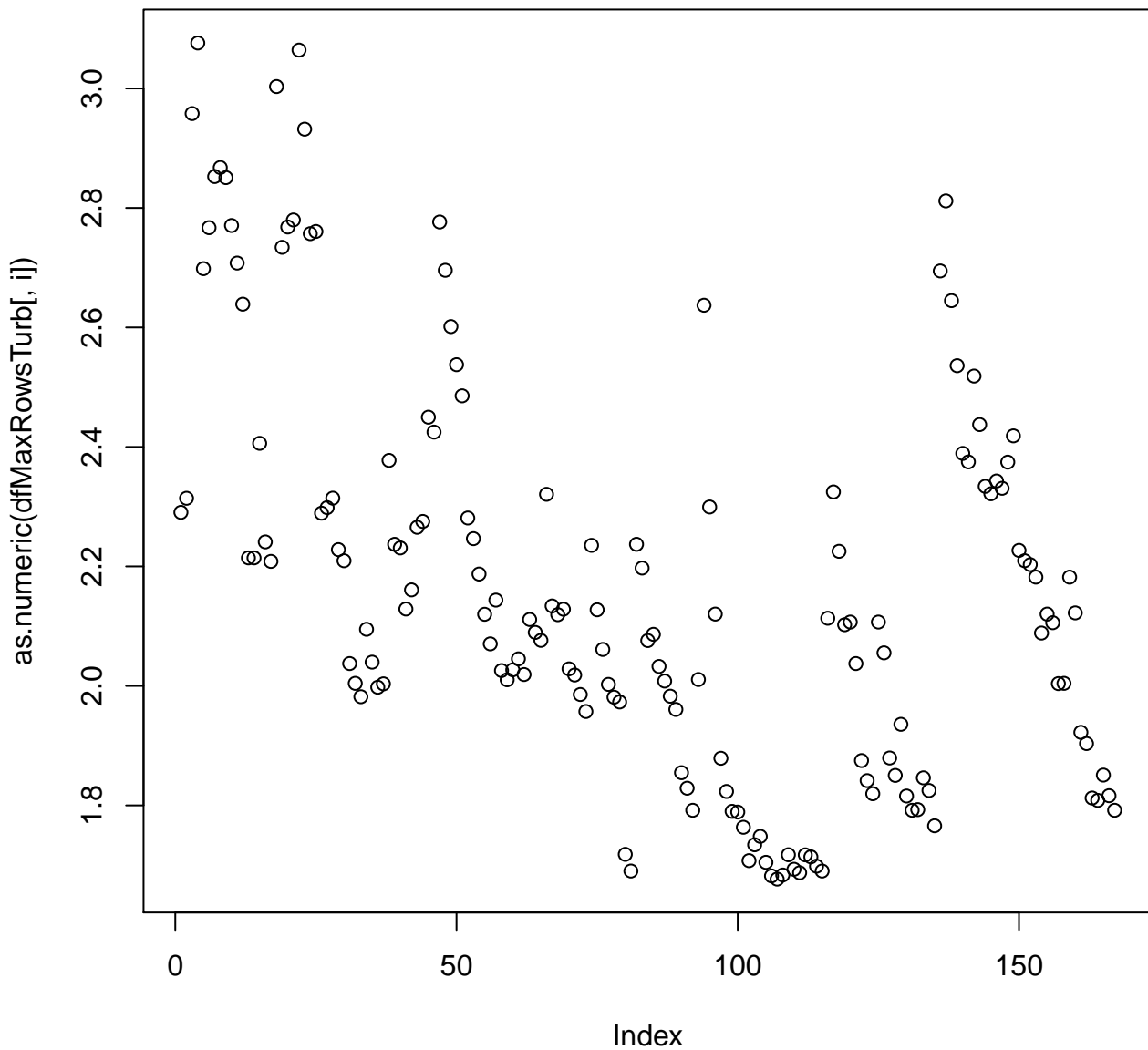
log.Sheboygan\_Discharge\_Mean\_1



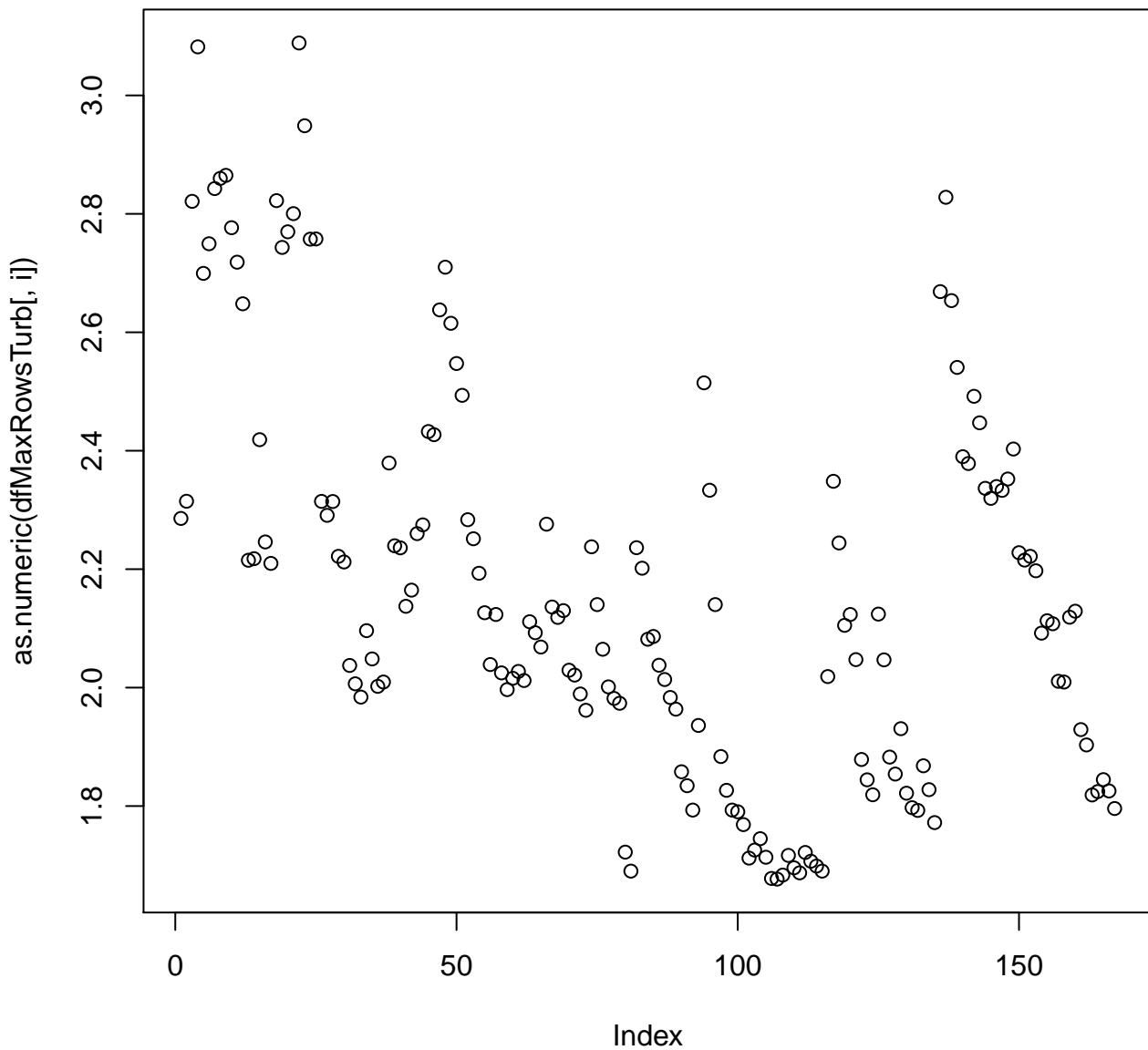
# log.Sheboygan\_Discharge\_Mean\_2



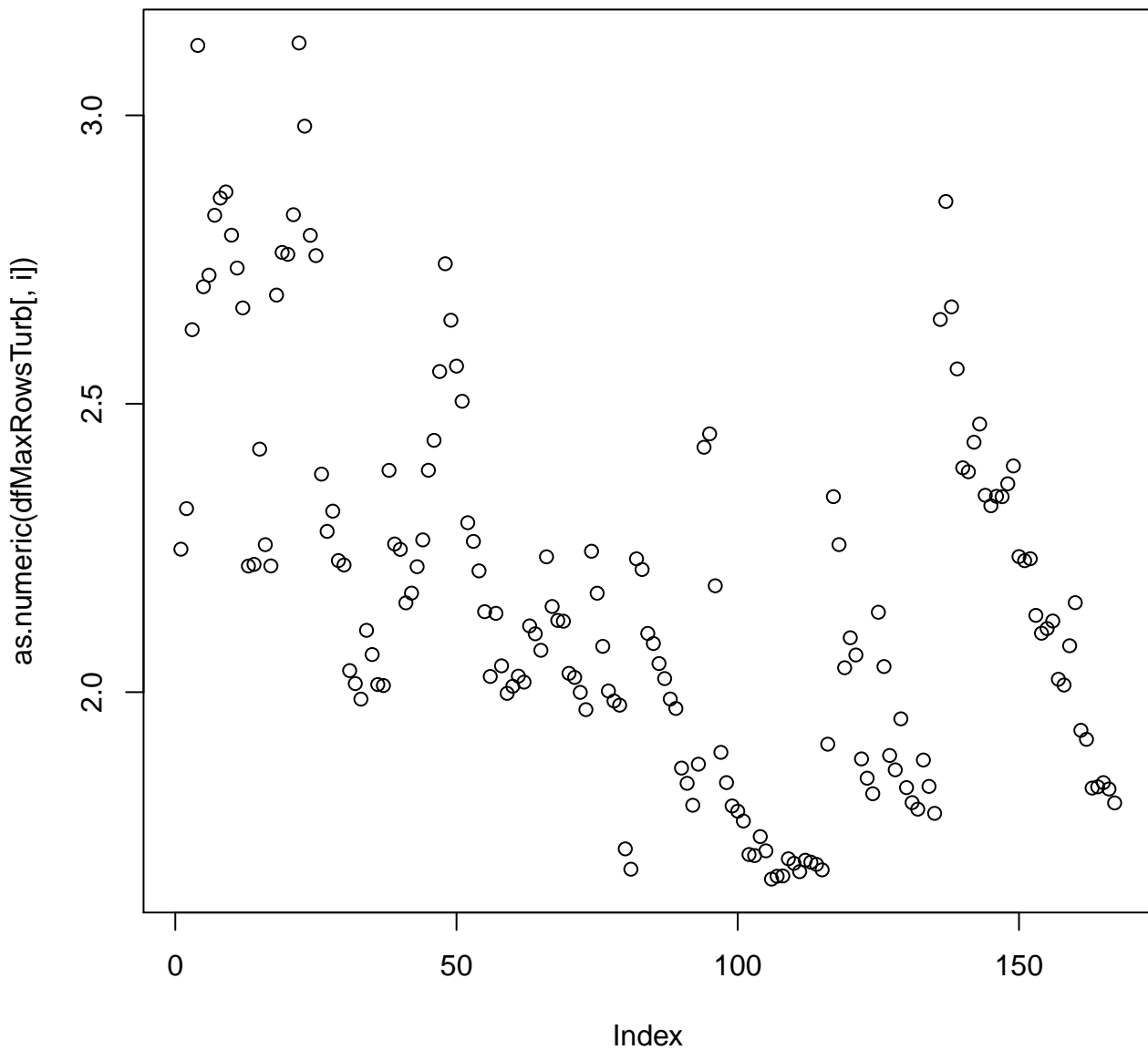
# log.Sheboygan\_Discharge\_Mean\_6



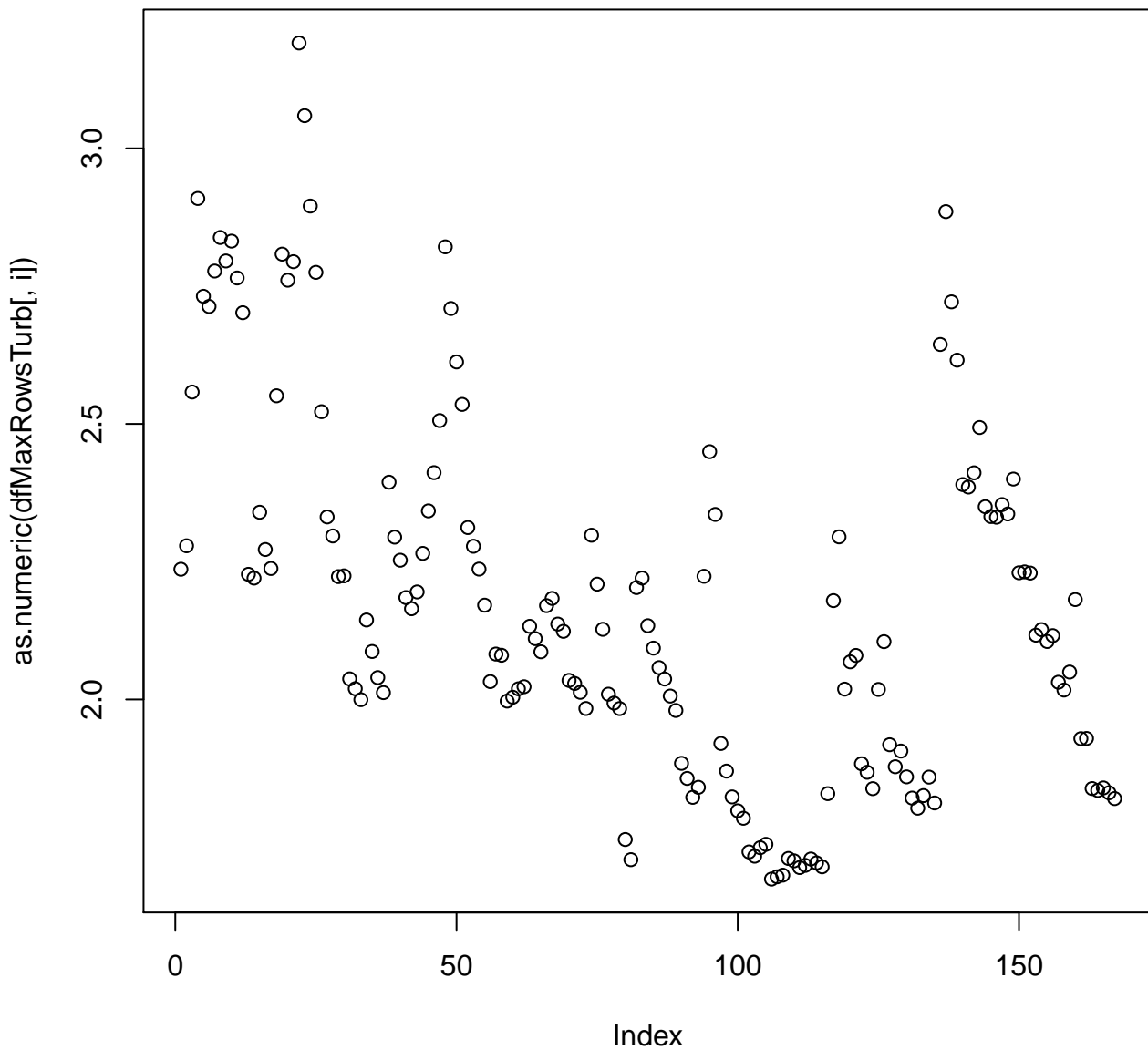
# log.Sheboygan\_Discharge\_Mean\_12



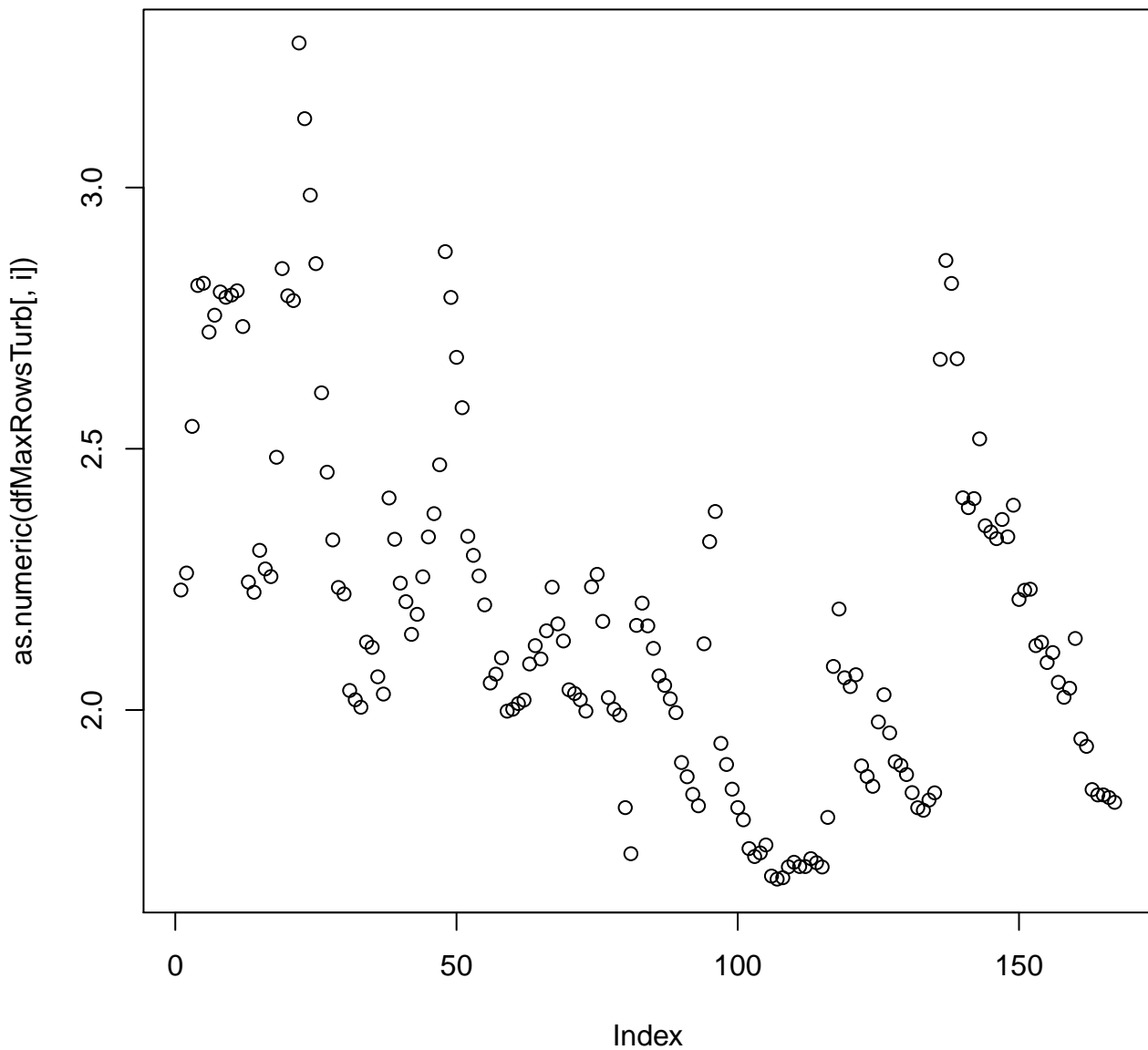
# log.Sheboygan\_Discharge\_Mean\_24



# log.Sheboygan\_Discharge\_Mean\_48

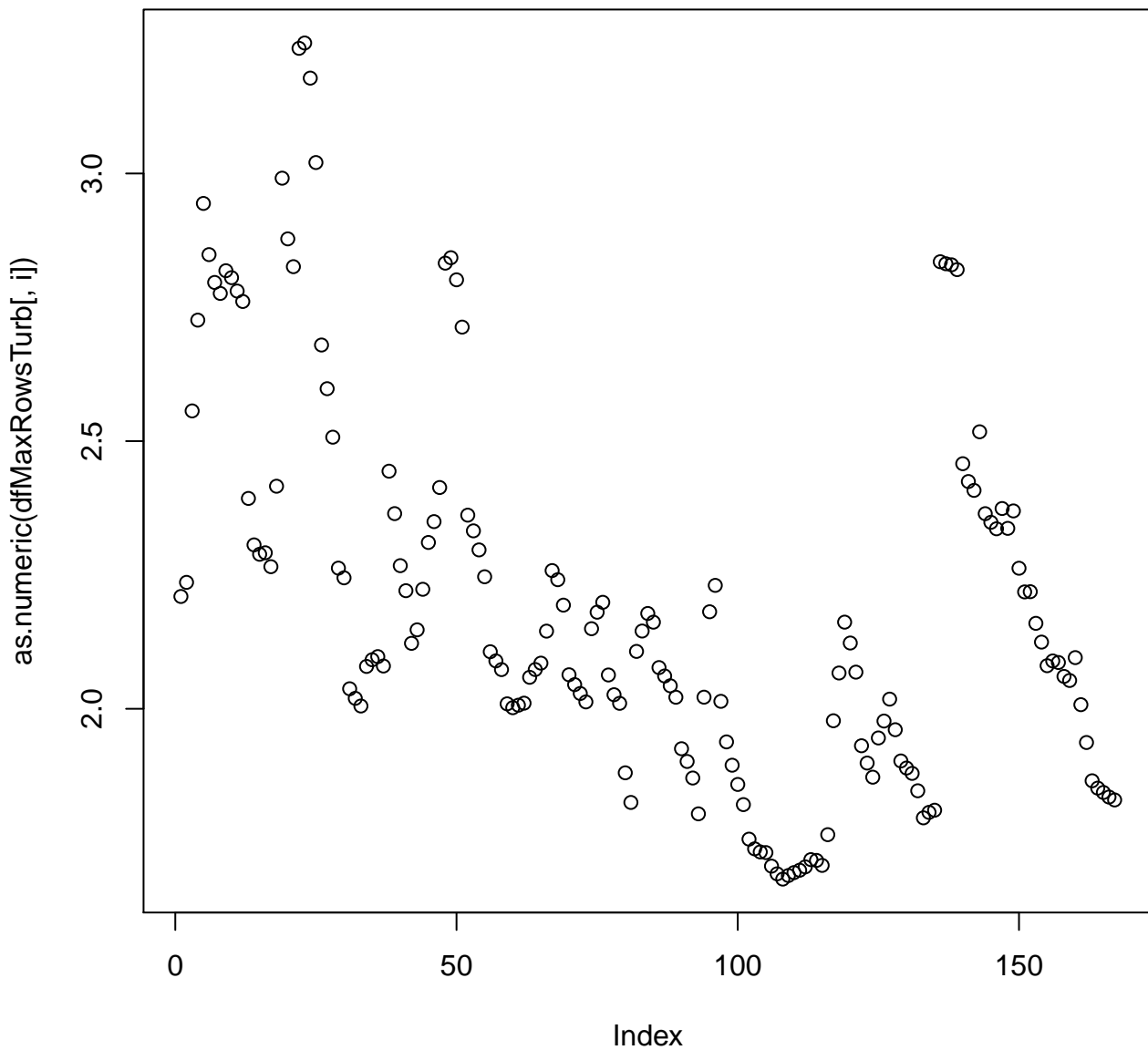


**log.Sheboygan\_Discharge\_Mean\_72**

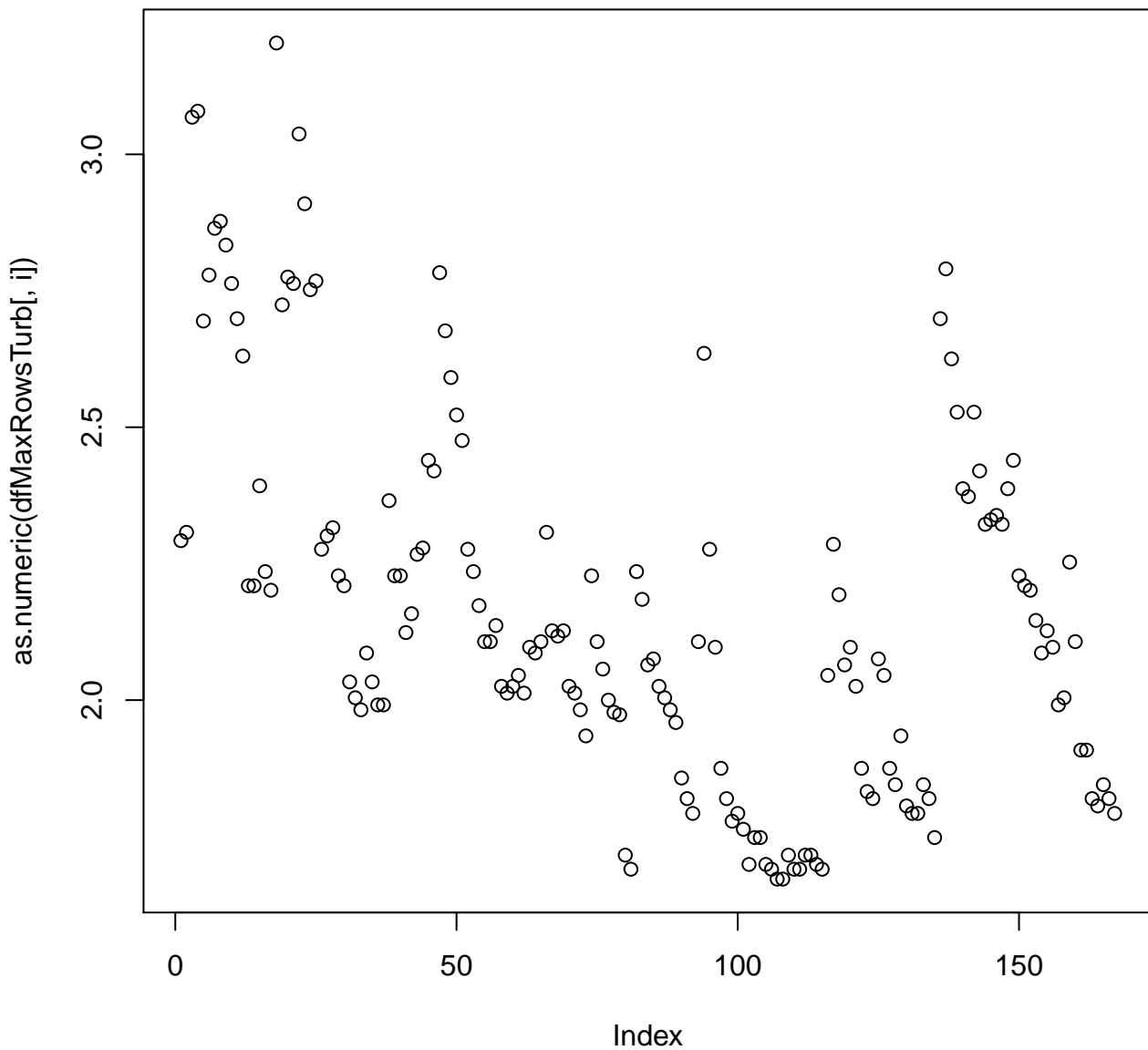




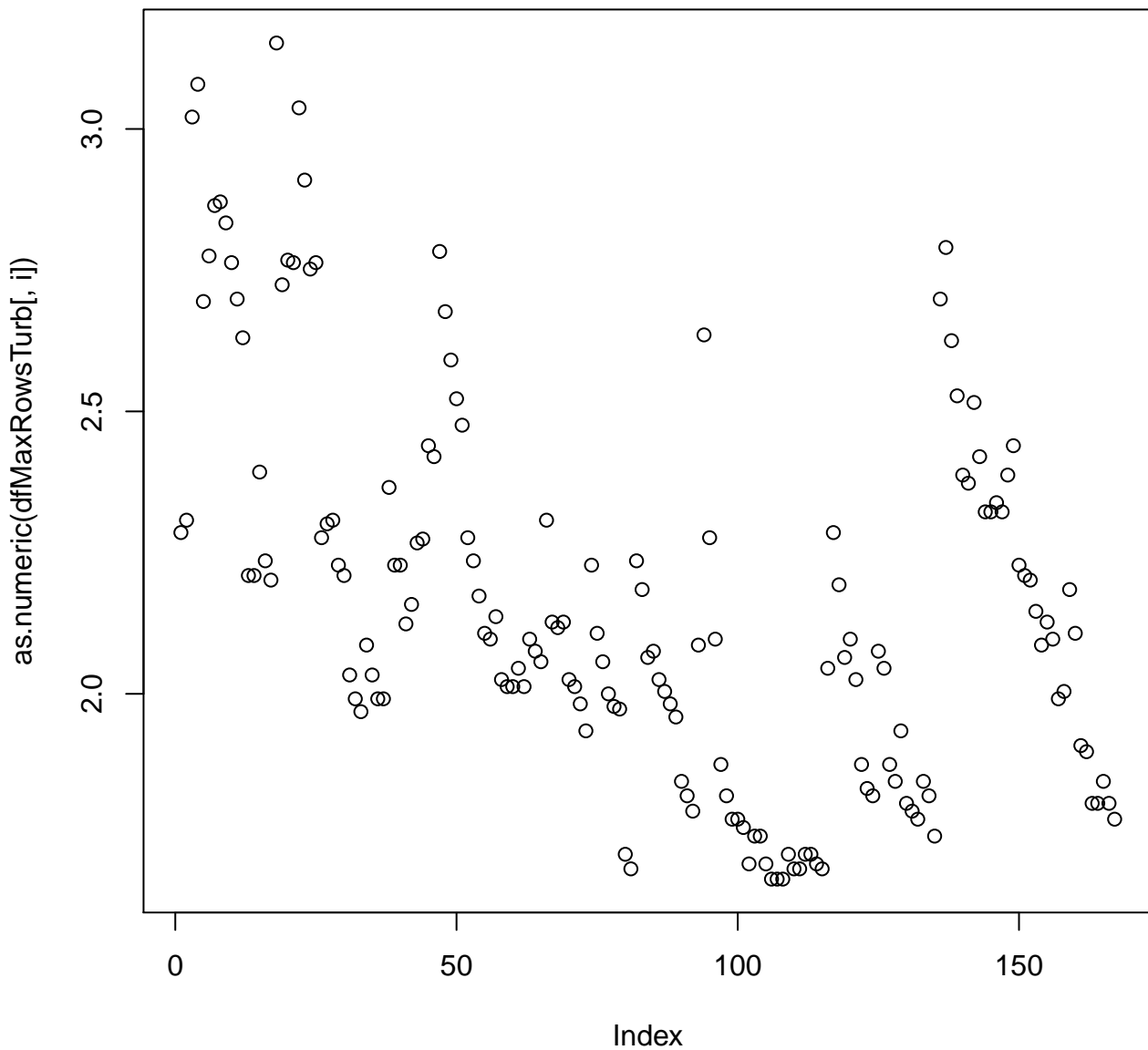
**log.Sheboygan\_Discharge\_Mean\_120**



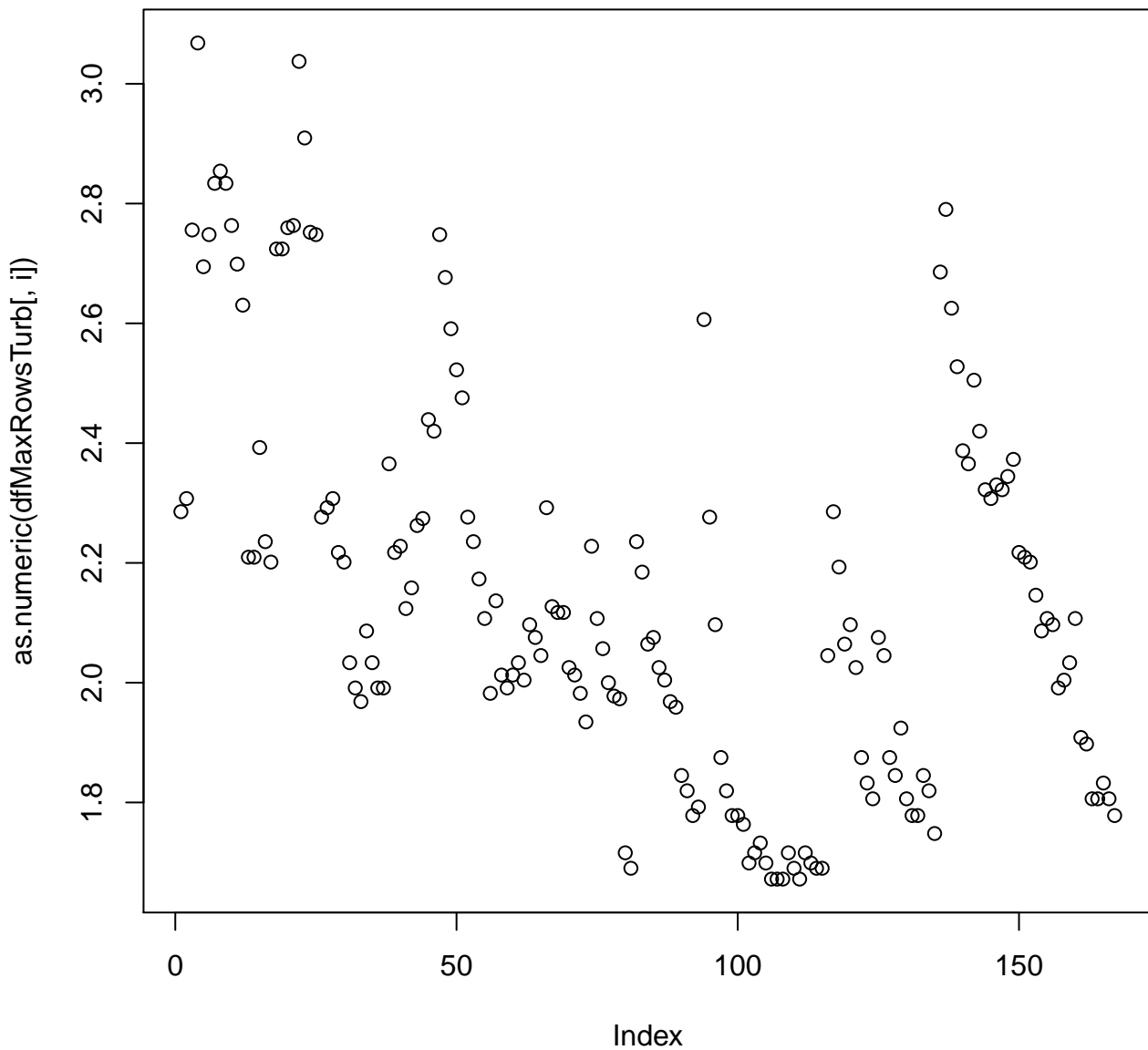
# log.Sheboygan\_Discharge\_Min\_1



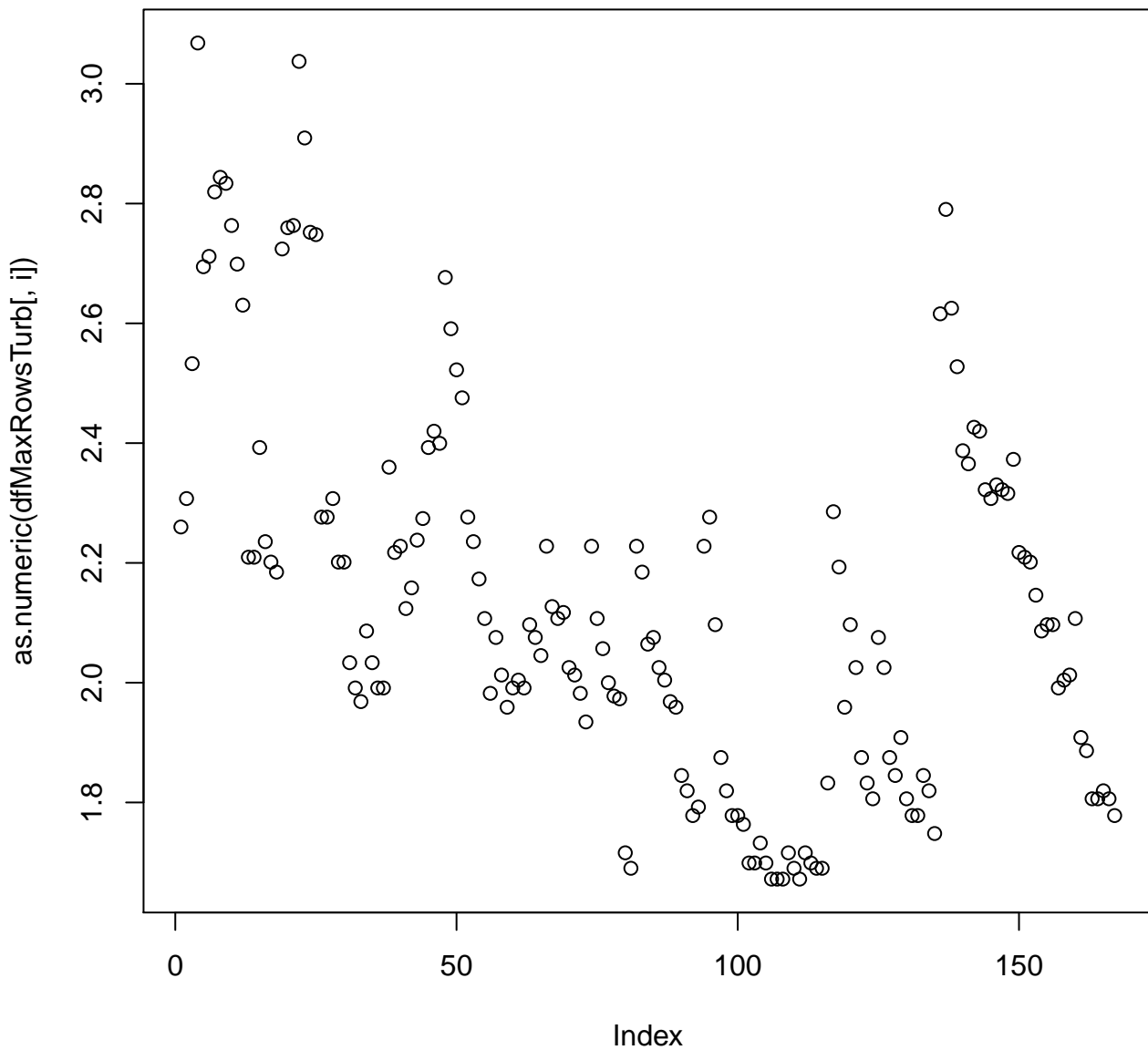
# log.Sheboygan\_Discharge\_Min\_2



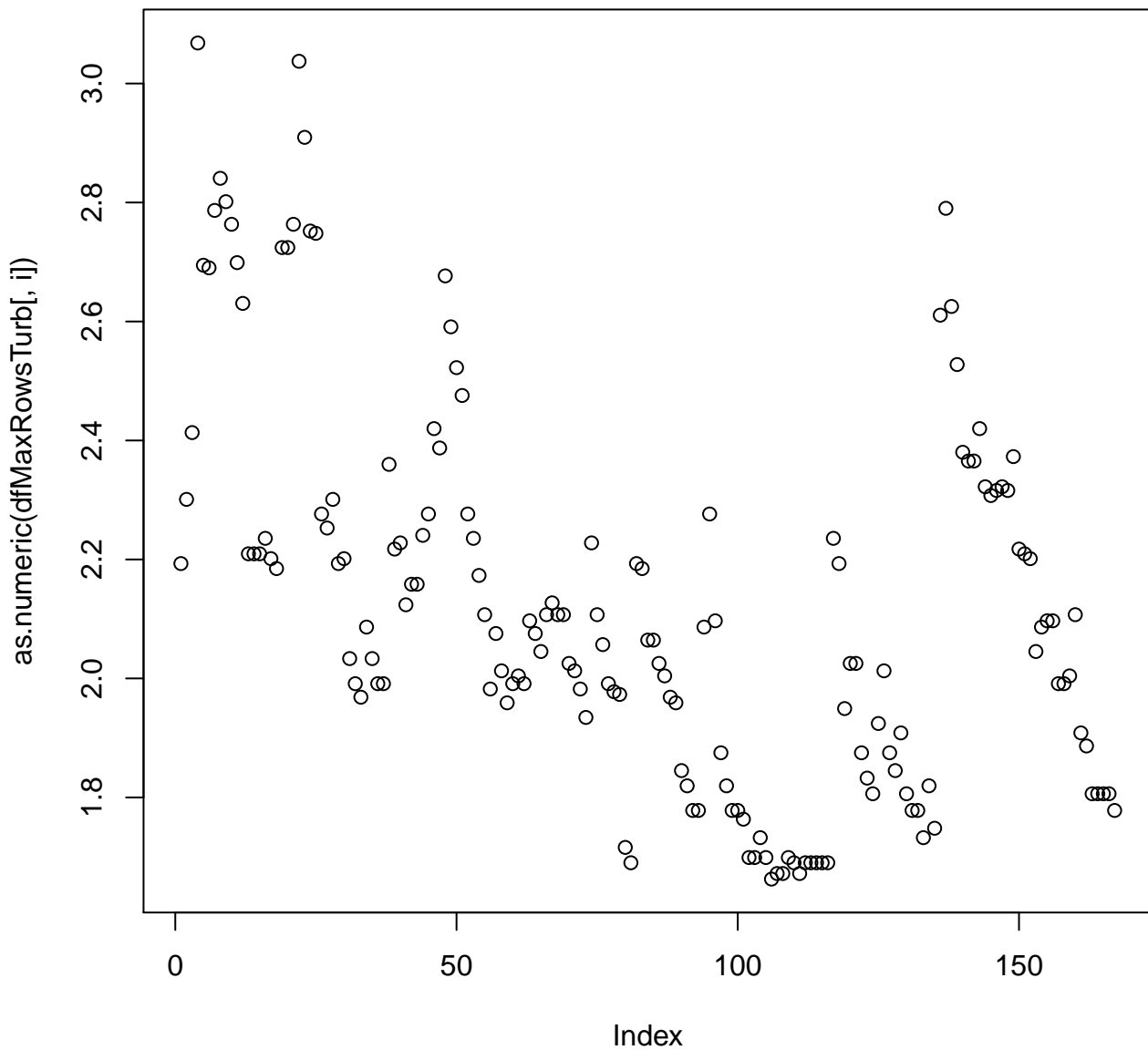
# log.Sheboygan\_Discharge\_Min\_6



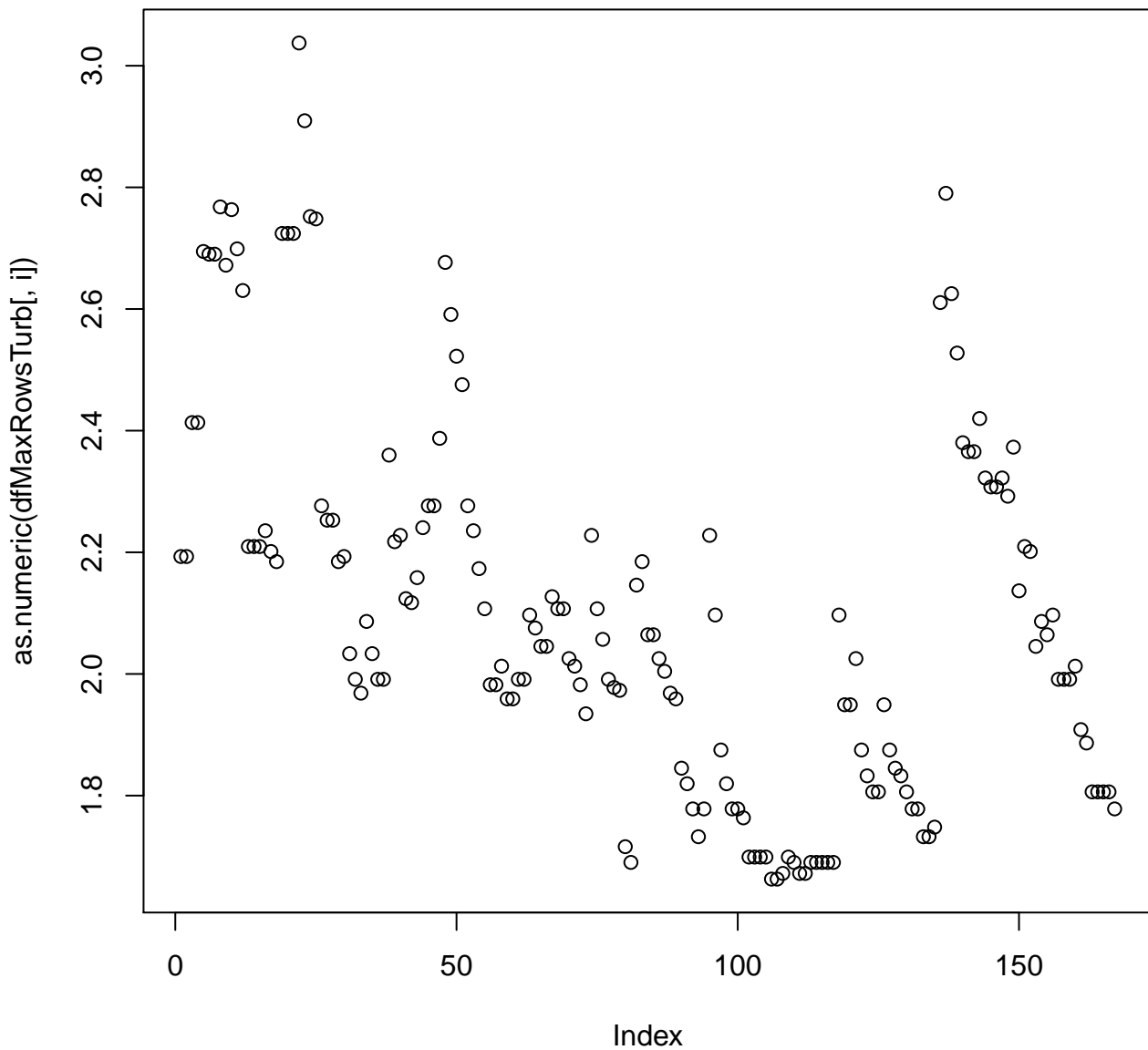
# log.Sheboygan\_Discharge\_Min\_12



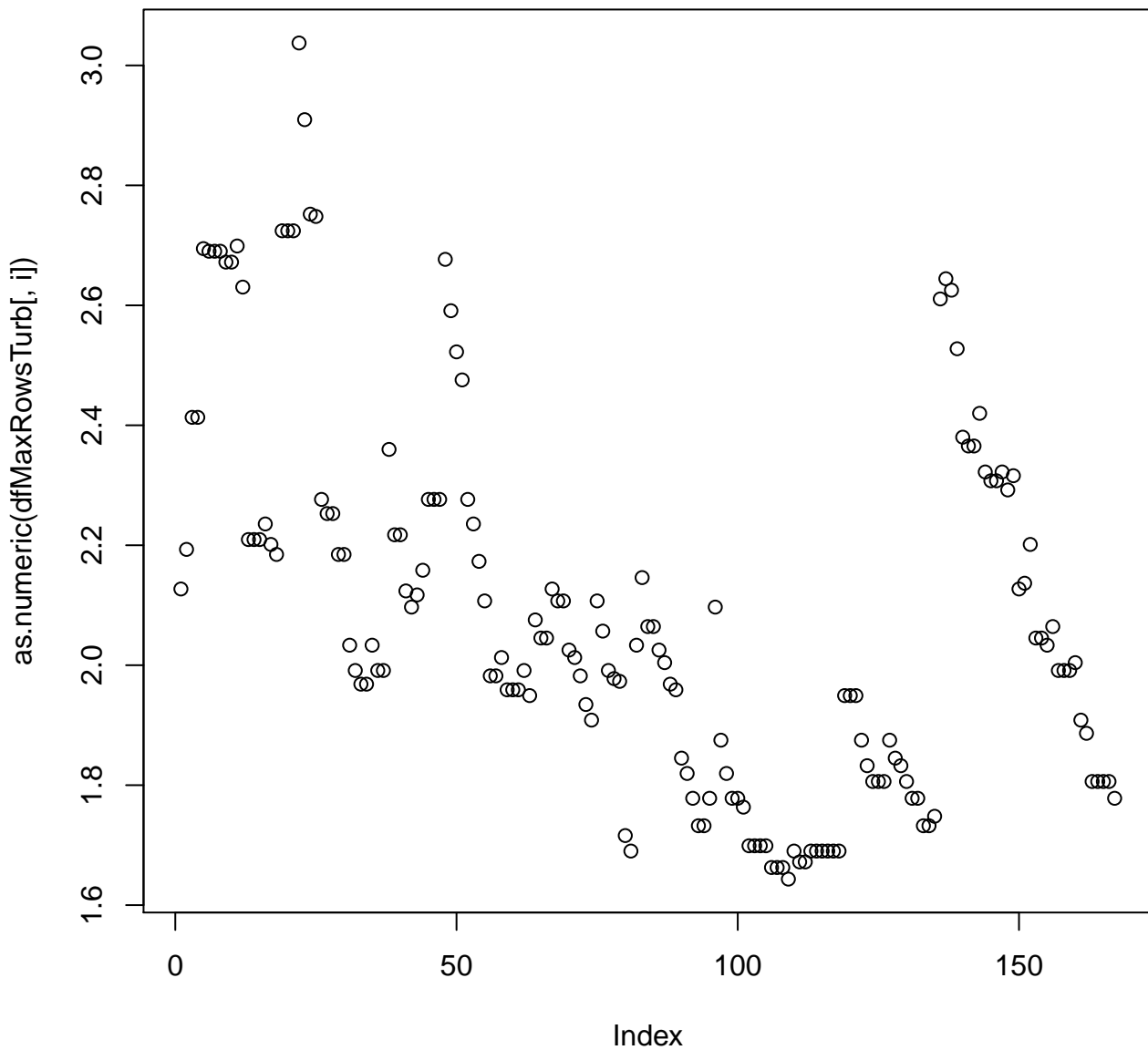
# log.Sheboygan\_Discharge\_Min\_24



# log.Sheboygan\_Discharge\_Min\_48

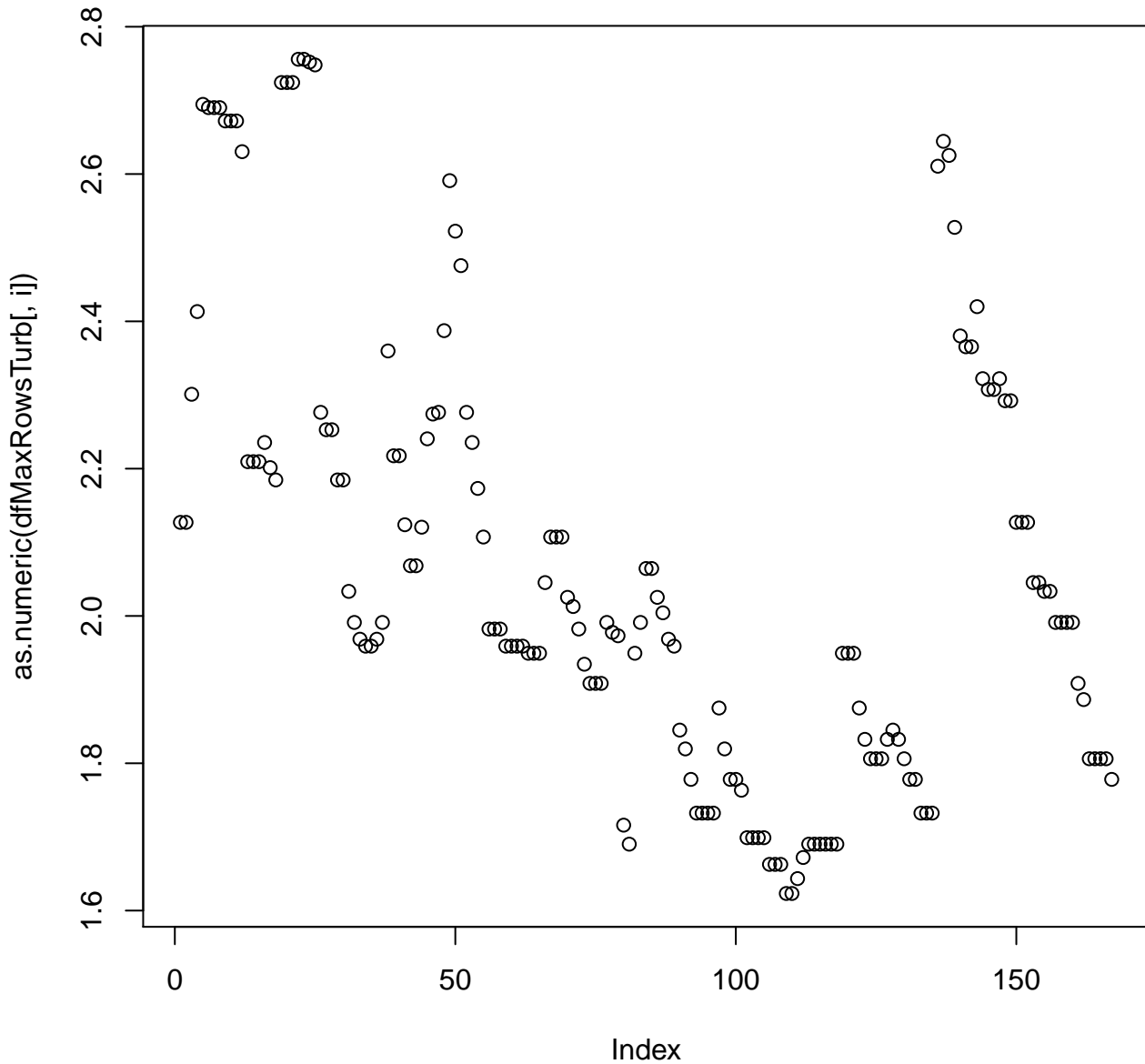


# log.Sheboygan\_Discharge\_Min\_72

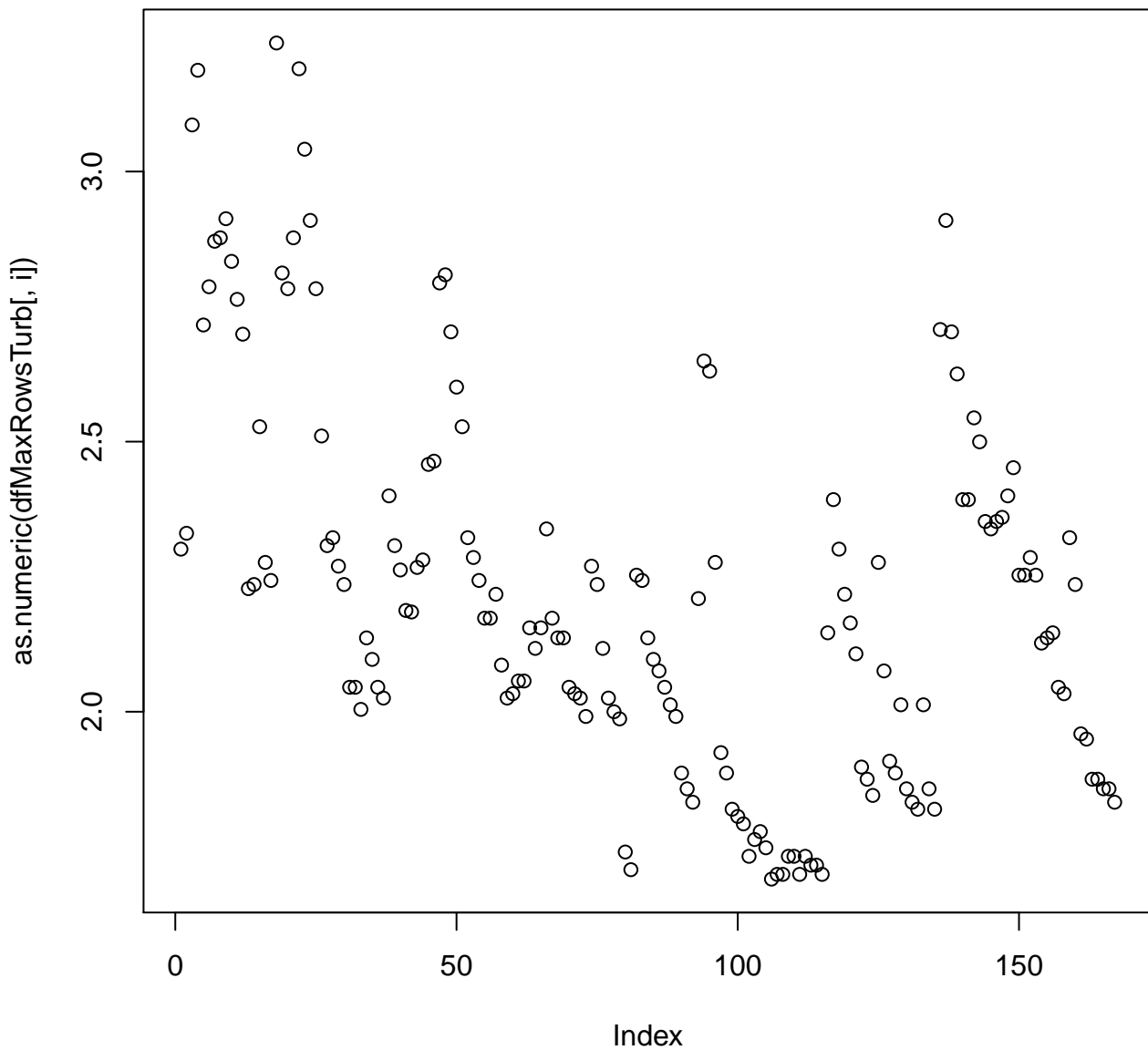




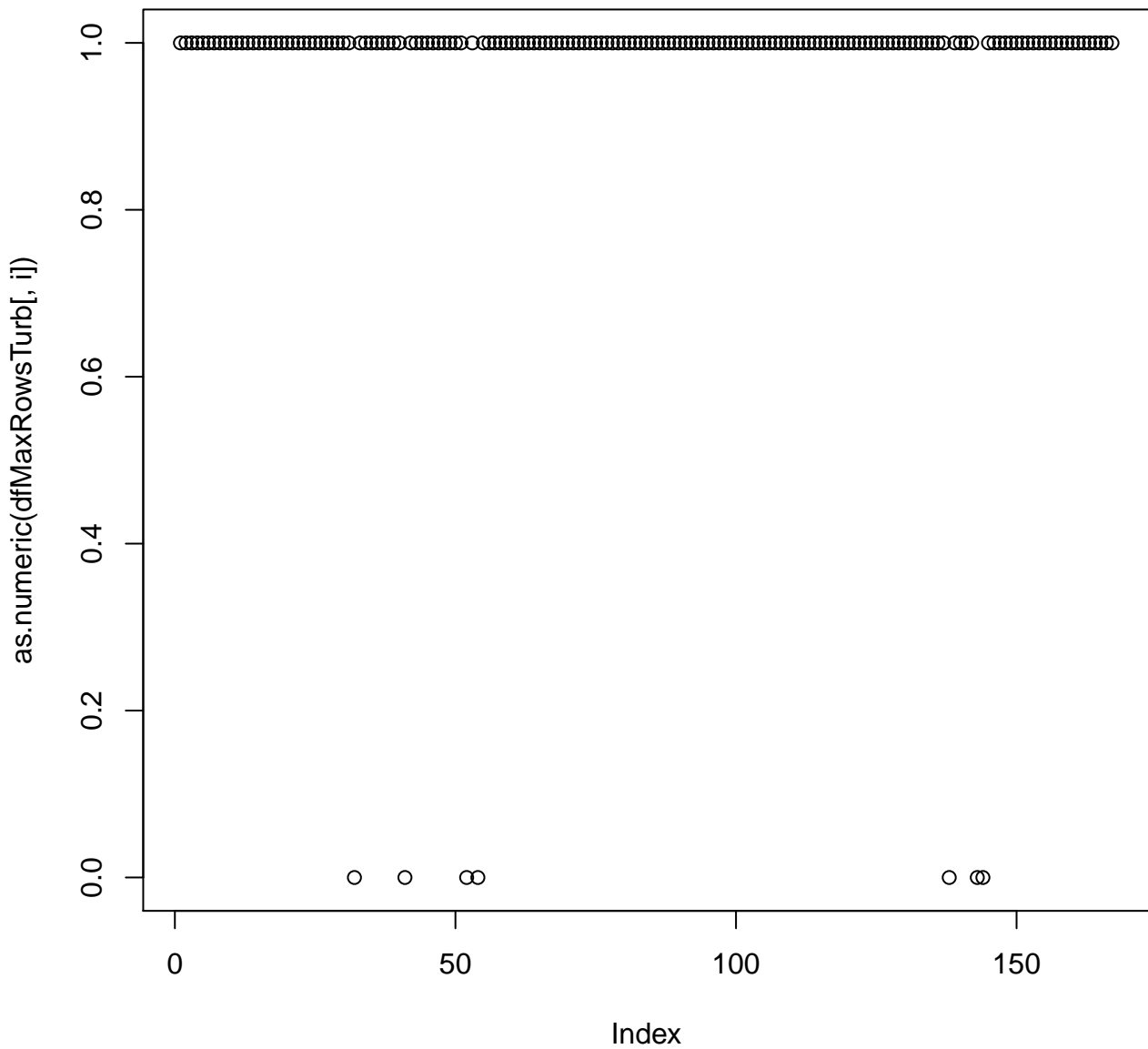
# log.Sheboygan\_Discharge\_Min\_120



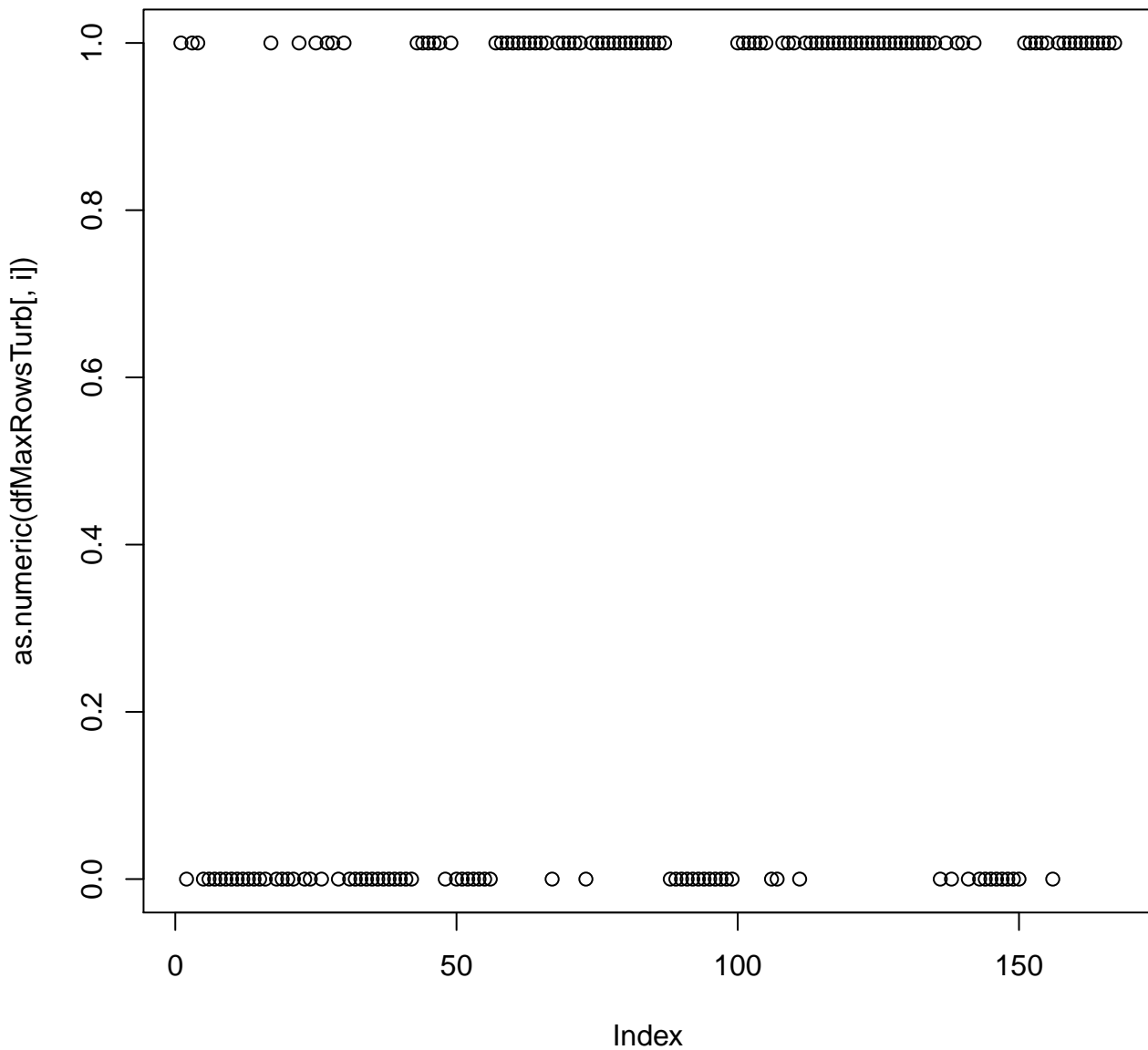
# log.Sheboygan\_Discharge\_Max\_24



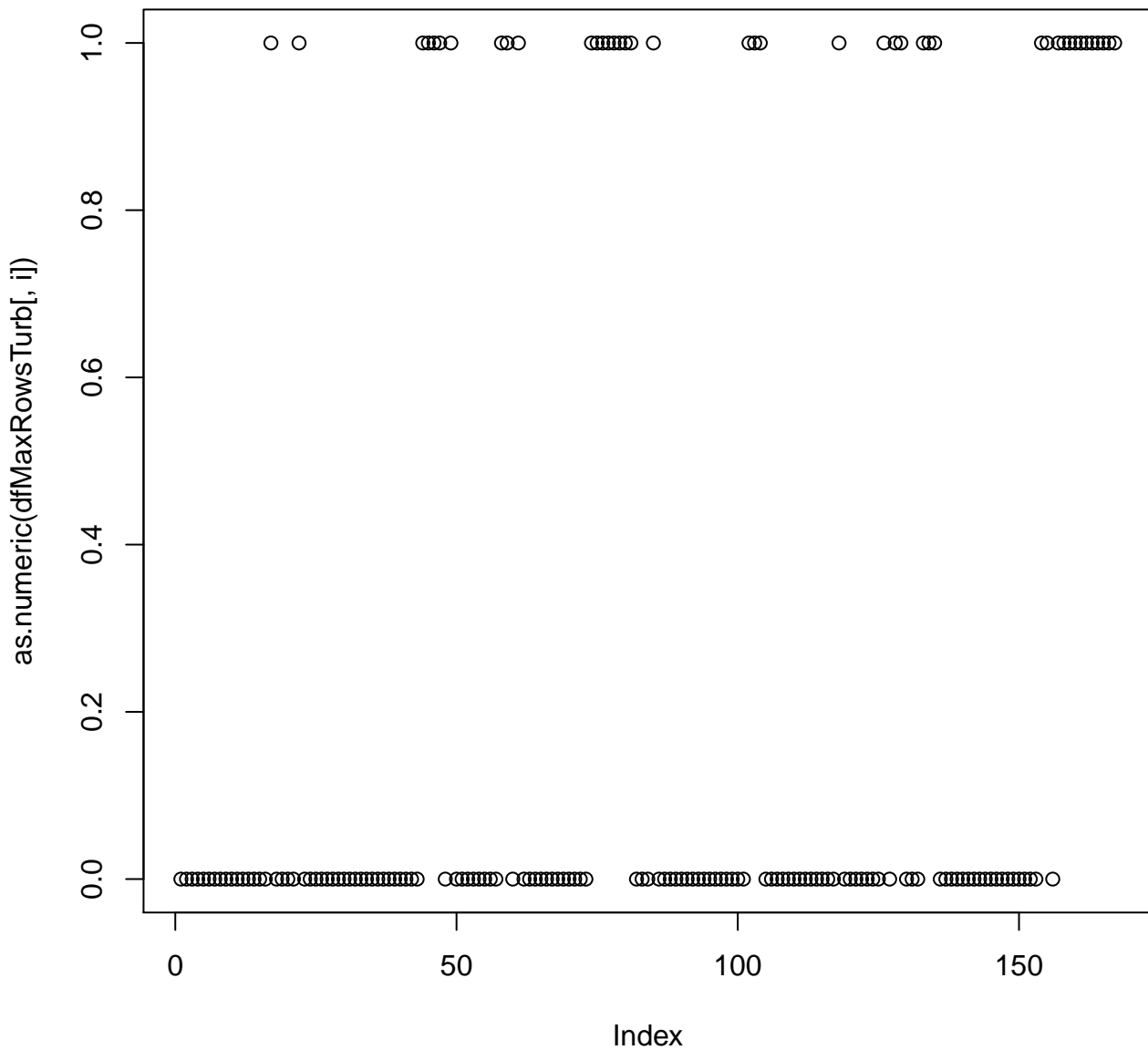
## beach\_AlgaeNearshore2



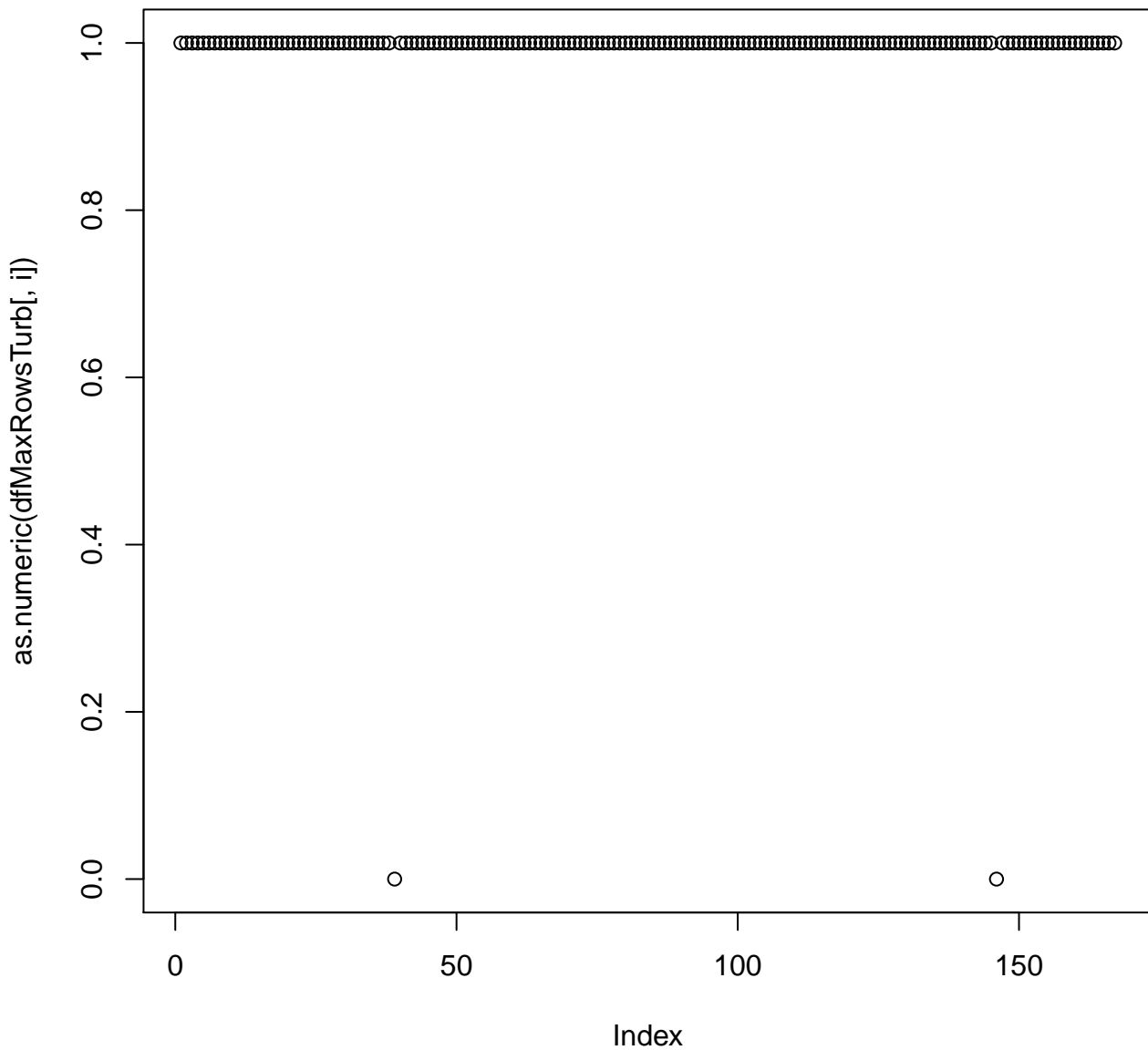
# beach\_AlgaeNearshore3



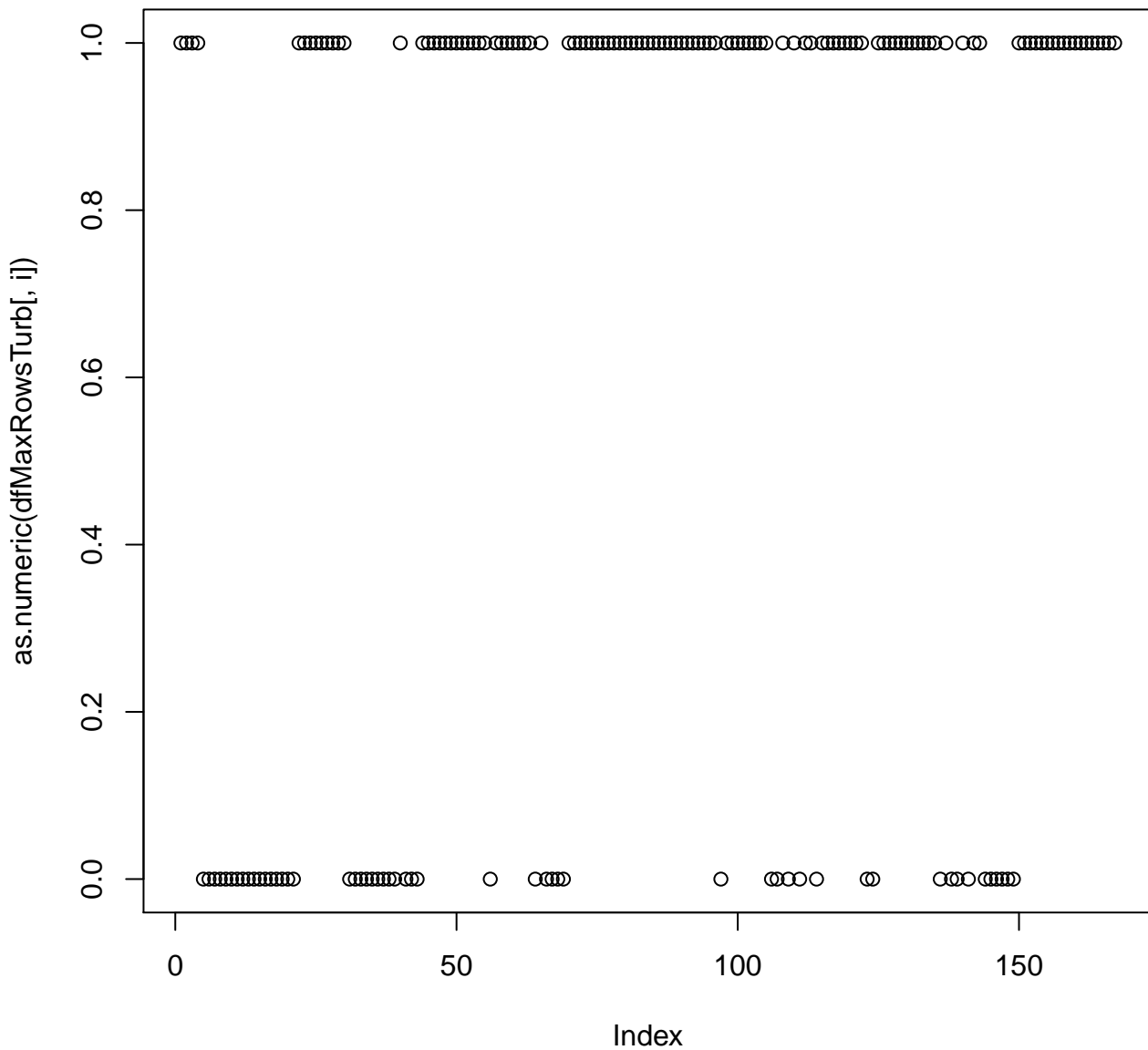
# beach\_AlgaeNearshore4



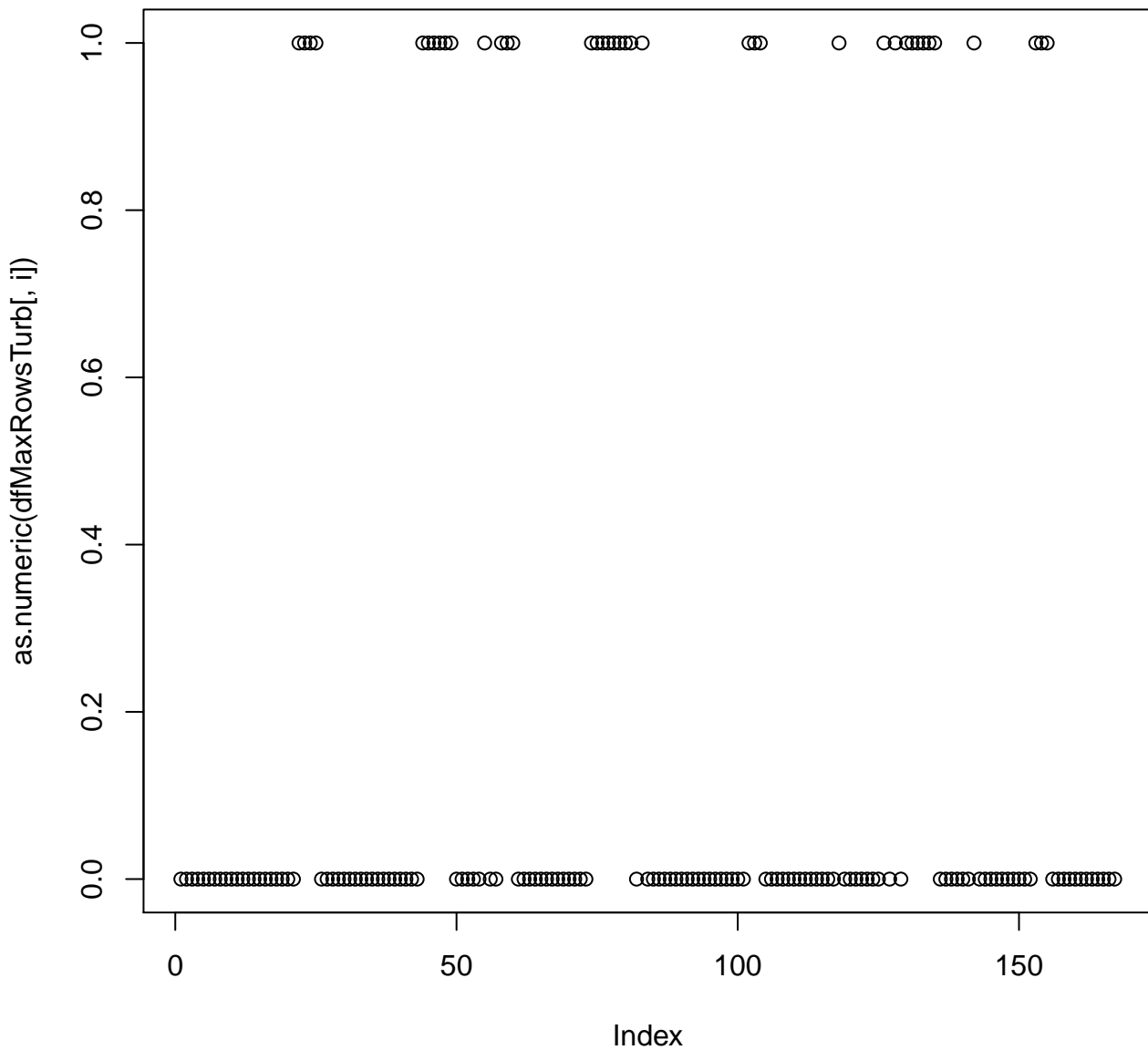
## beach\_AlgaeOnBeach2



# beach\_AlgaeOnBeach3



# beach\_AlgaeOnBeach4





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

yday

160  
180  
200  
220  
240

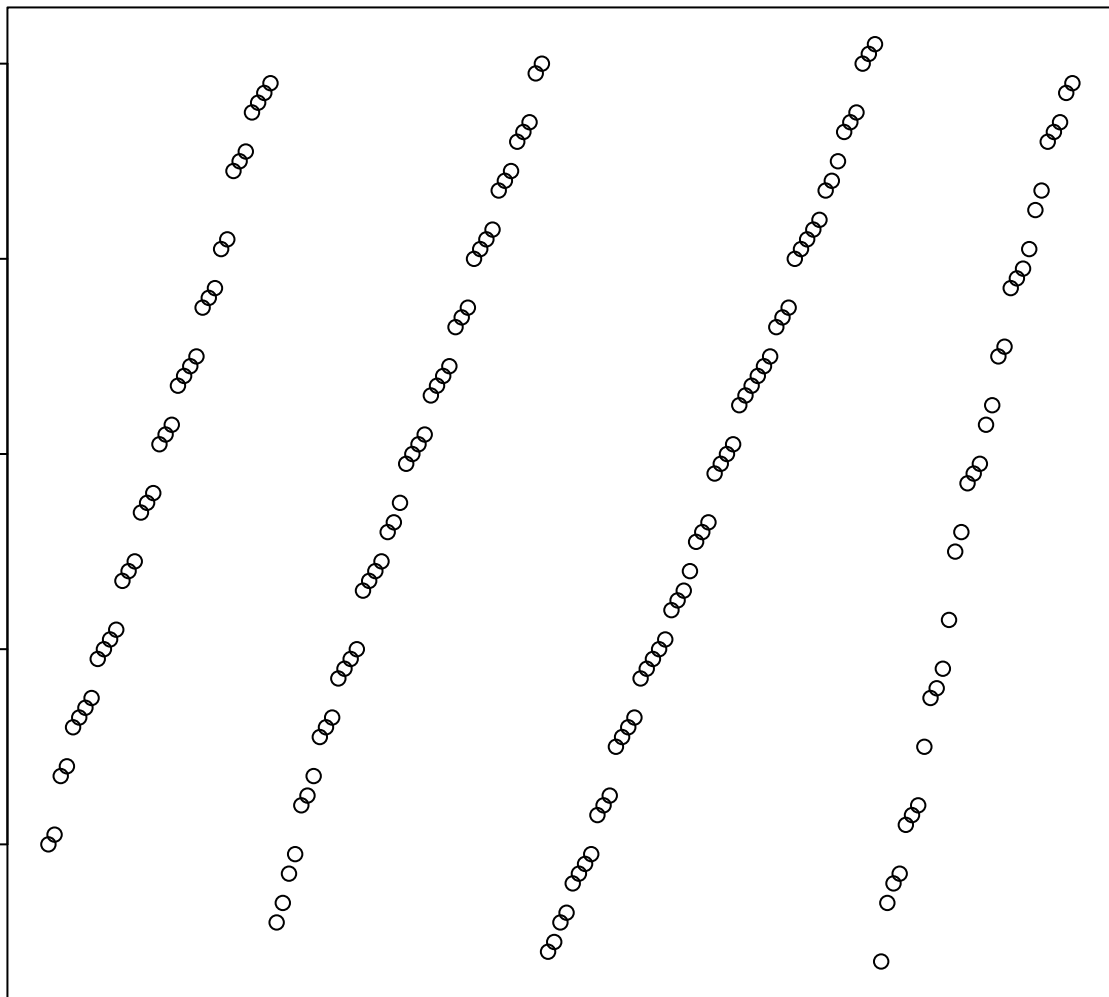
0

50

100

150

Index



# log.beach\_TurbidityBeach

