

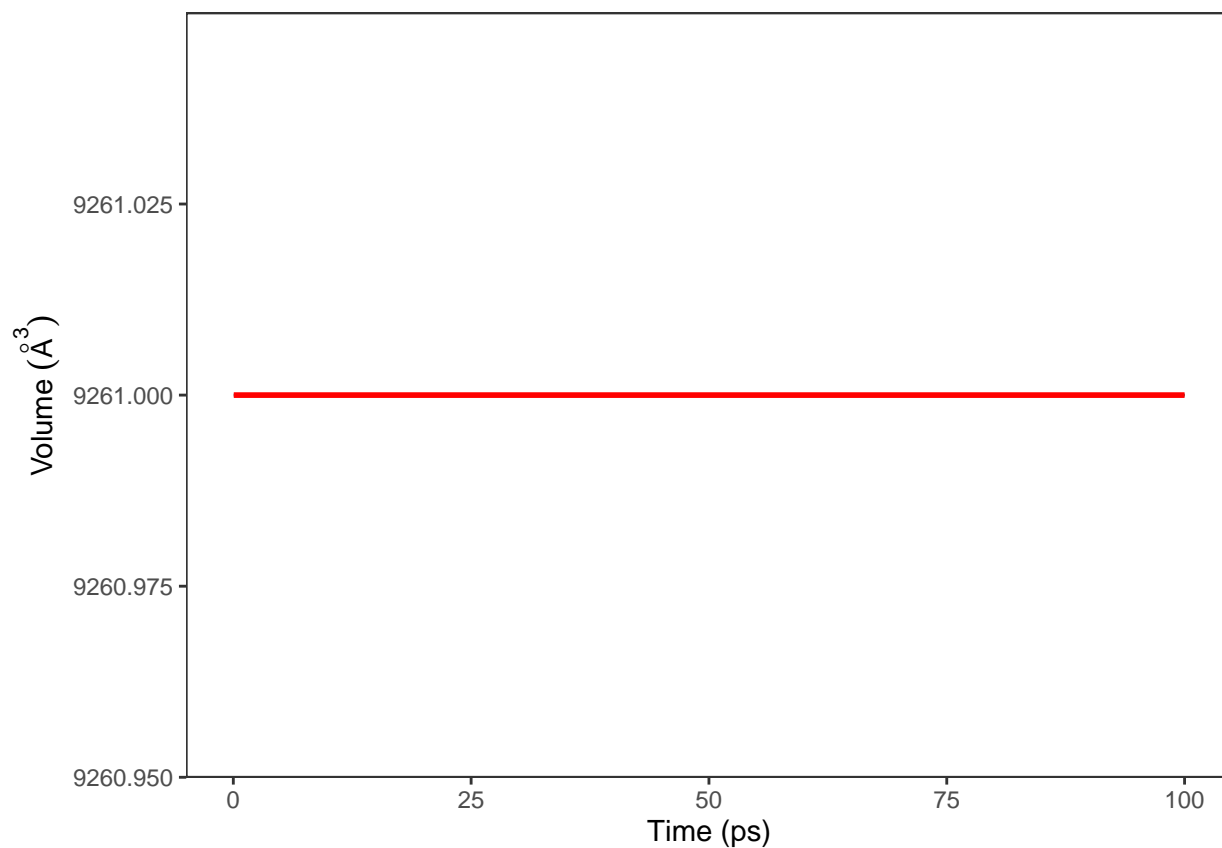
# Report

This report represents a statistical analysis of the main thermodynamic variables. The figures below show the time evolution of Volume, temperature, pressure and density followed by the linear regression (red line).

## Parameters

```
## Host: undefined
## Date: 20200901
## Number of frames: 2000
## Ensemble: nvt hoover
## Timestep: 0.001 ps
## Number of atoms: 936
```

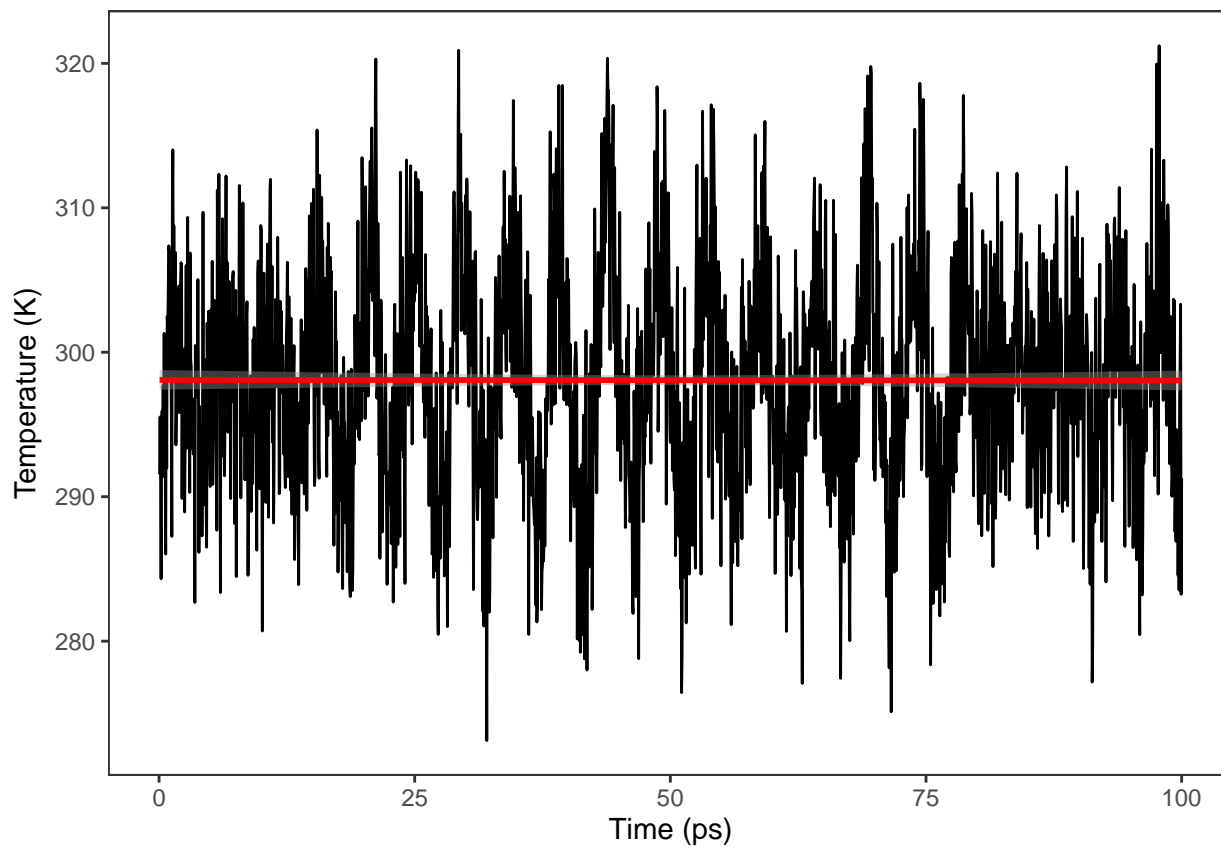
## Volume



Here is the statistical values of the volume of the unit cell.

##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	9261	9261	9261	9261	9261	9261

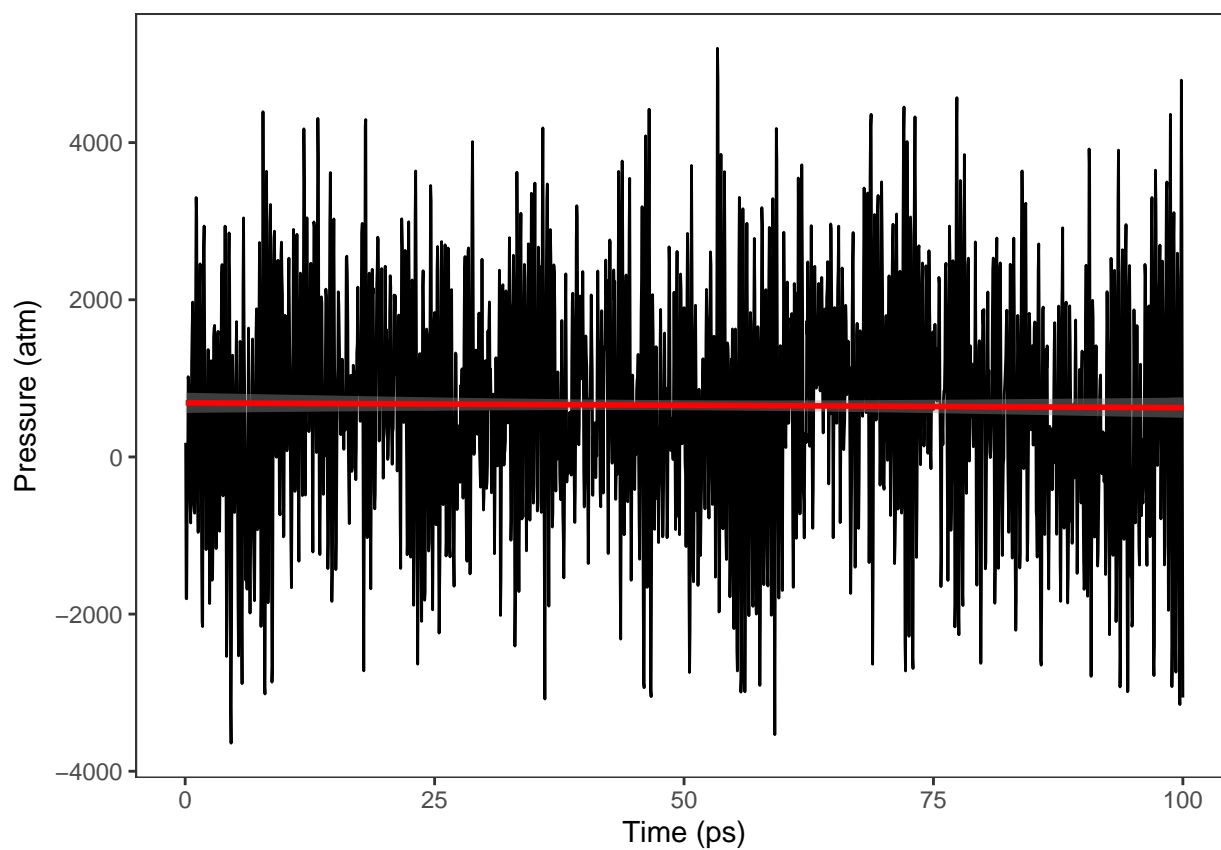
## Temperature



Here is the statistical values of the temperature.

##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	273.1	292.6	298.0	298.1	303.1	321.2

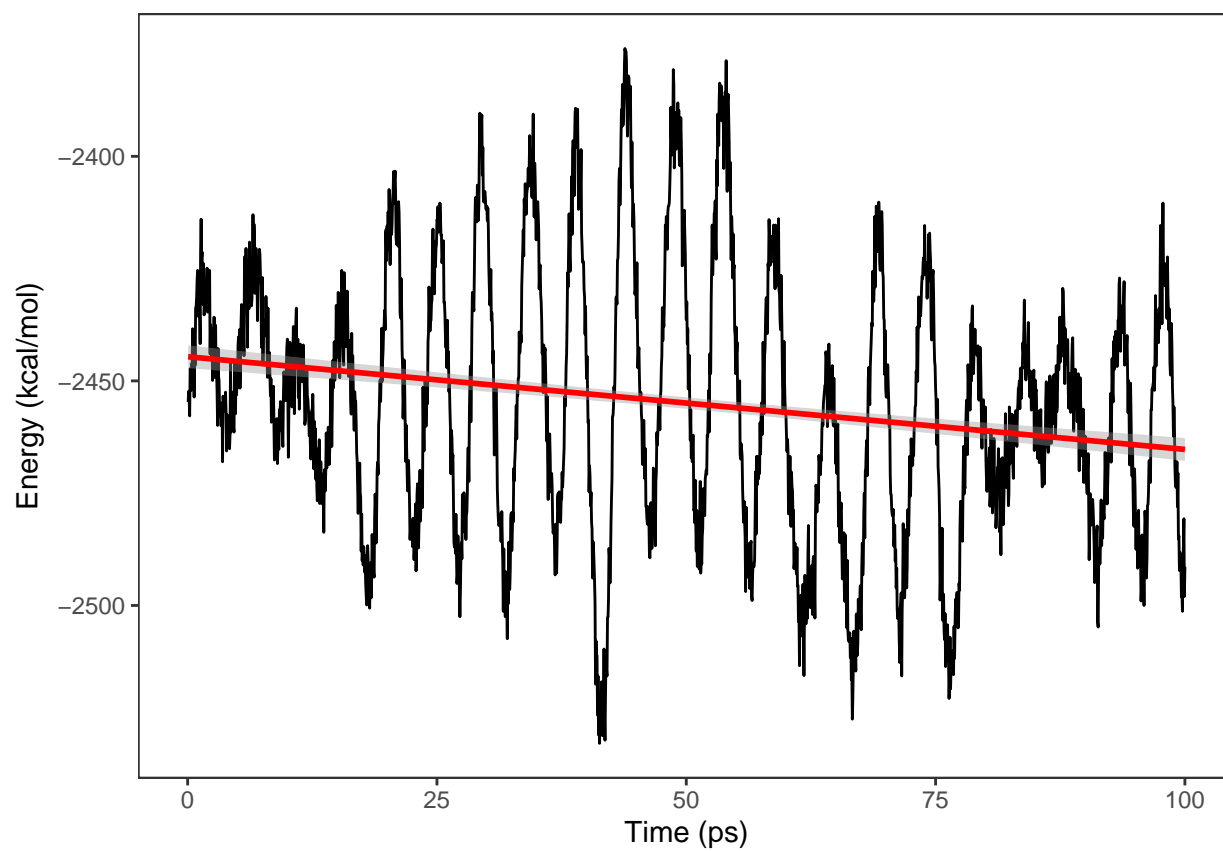
## Pressure



Here is the statistical values of the pressure.

##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	-3642.6	-345.2	684.7	657.6	1691.3	5199.7

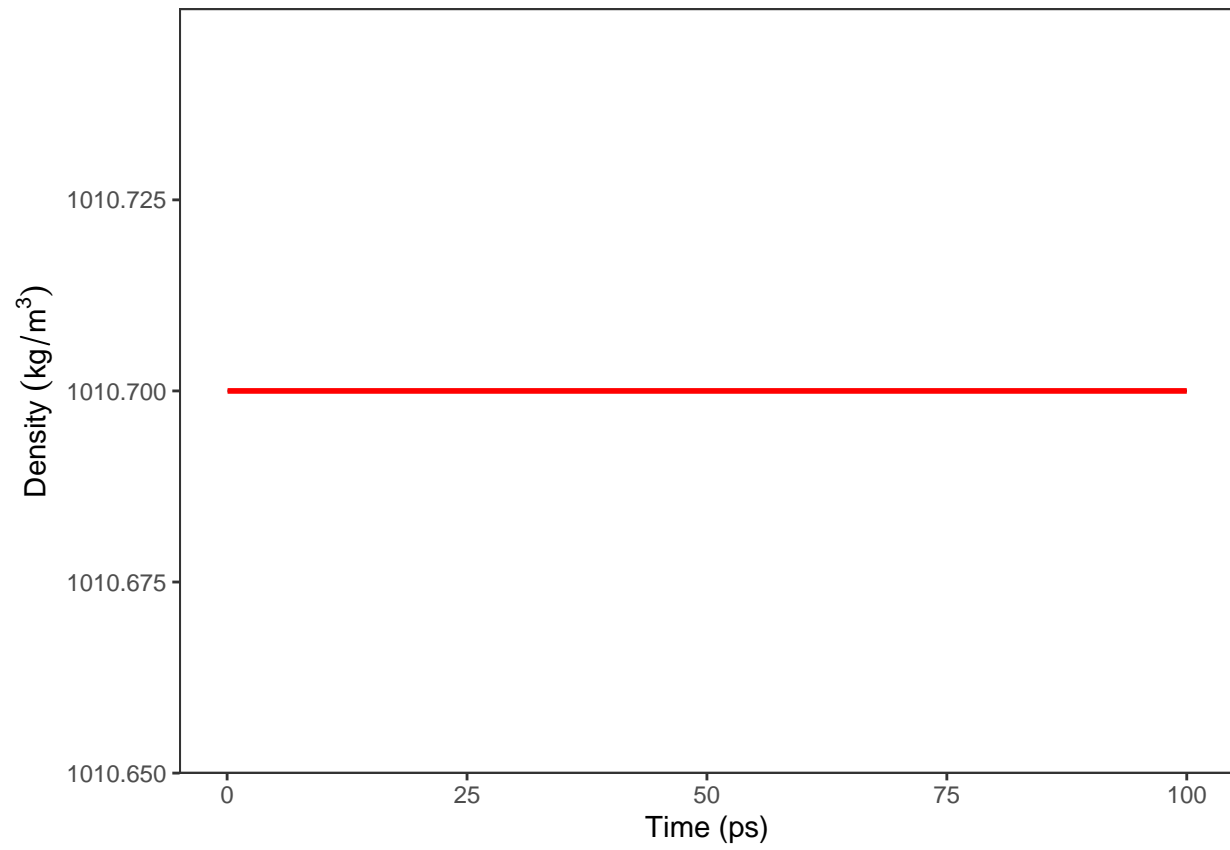
## Energy



Here is the statistical values of the energy.

##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	-2531	-2477	-2455	-2455	-2436	-2376

## Density



Here is the statistical values of the density.

##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	1011	1011	1011	1011	1011	1011