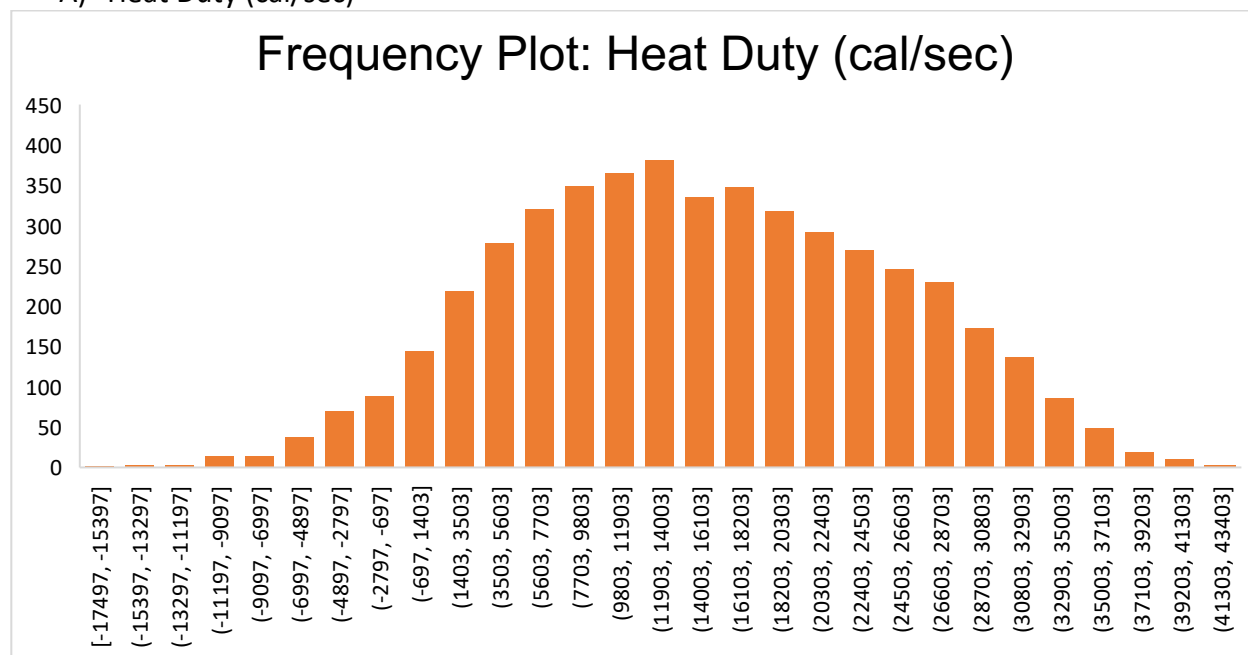


Title: Using Self-Organizing Maps to Elucidate Patterns among Variables in Simulated Syngas Combustion

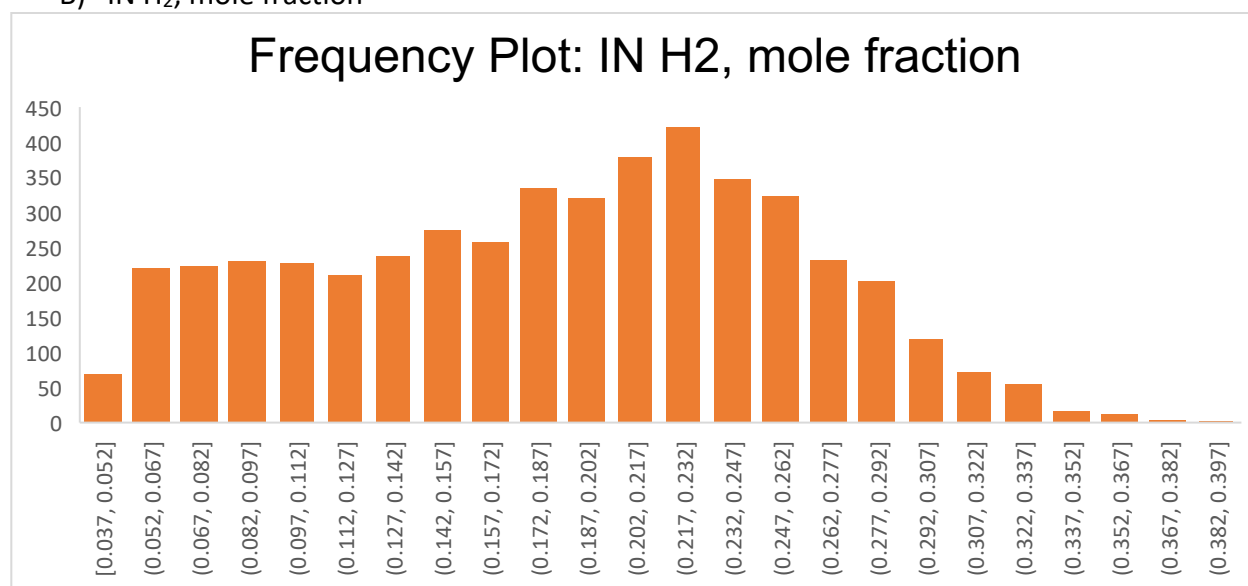
D.L.B. Fortela, et al. (2020)

## Data Frequency Distribution

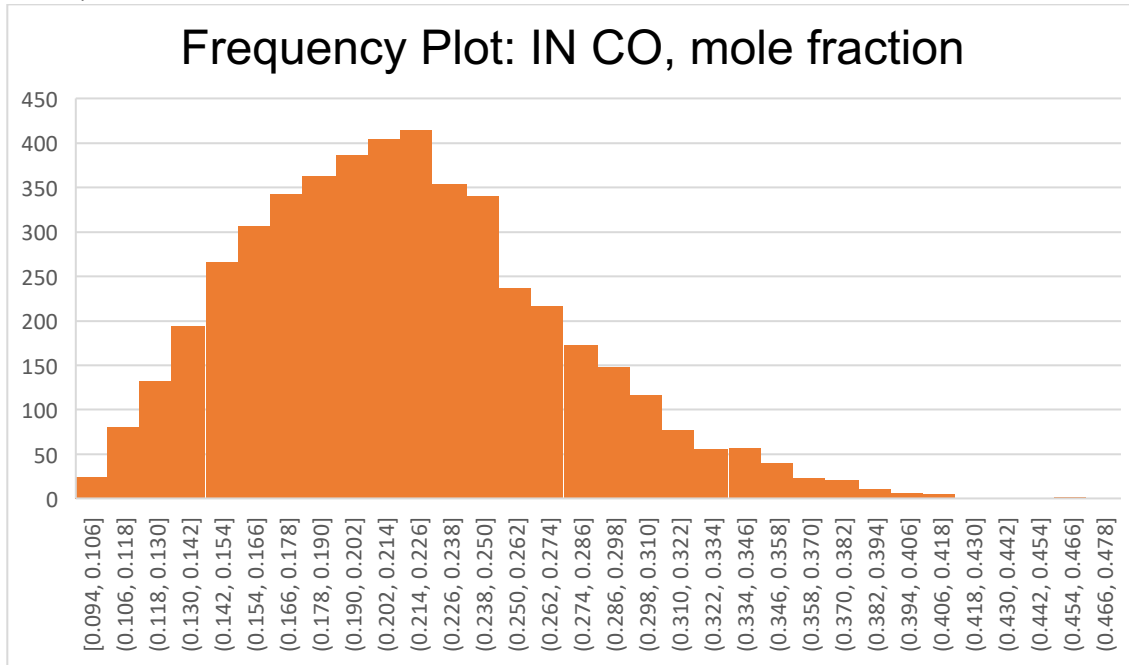
A) Heat Duty (cal/sec)



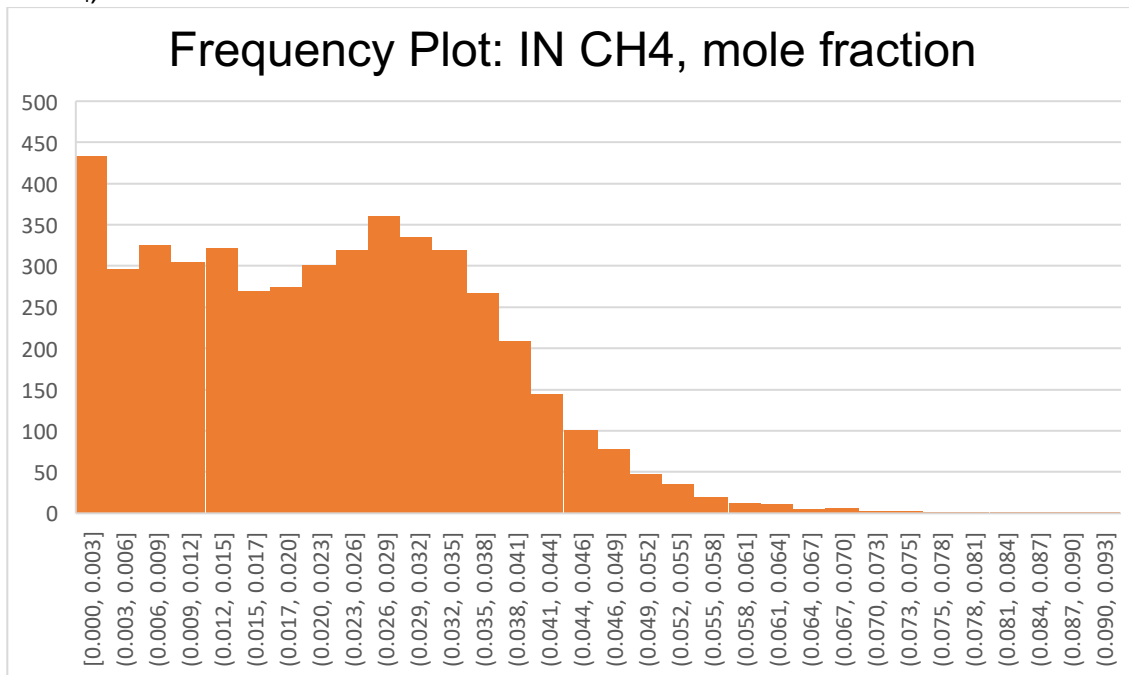
B) IN H<sub>2</sub>, mole fraction



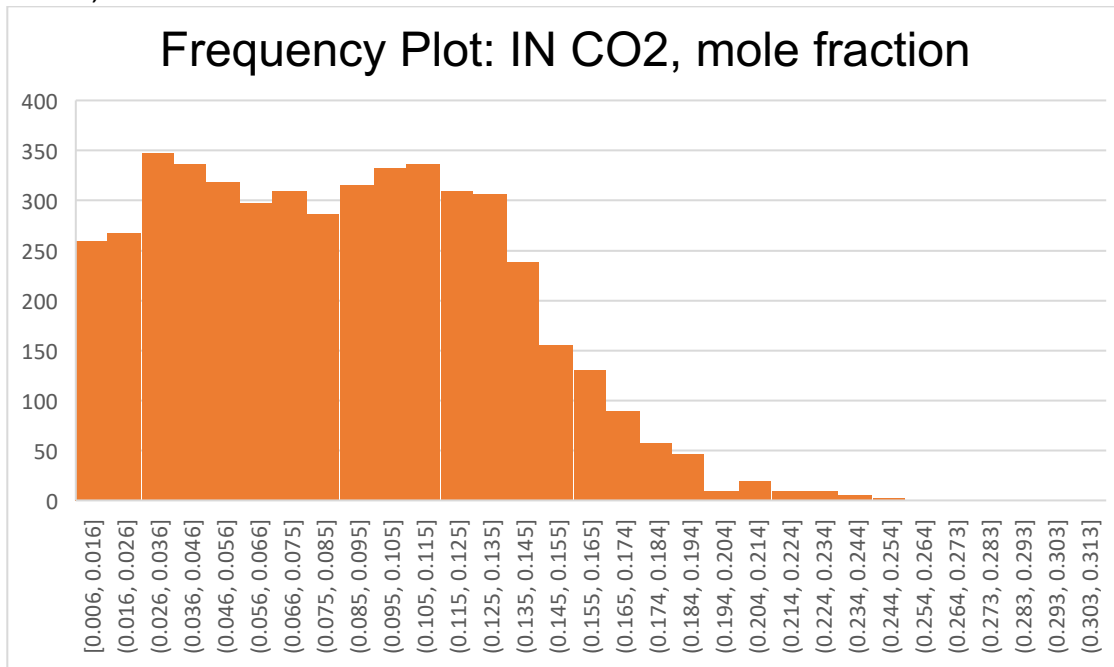
C) IN CO, mole fraction



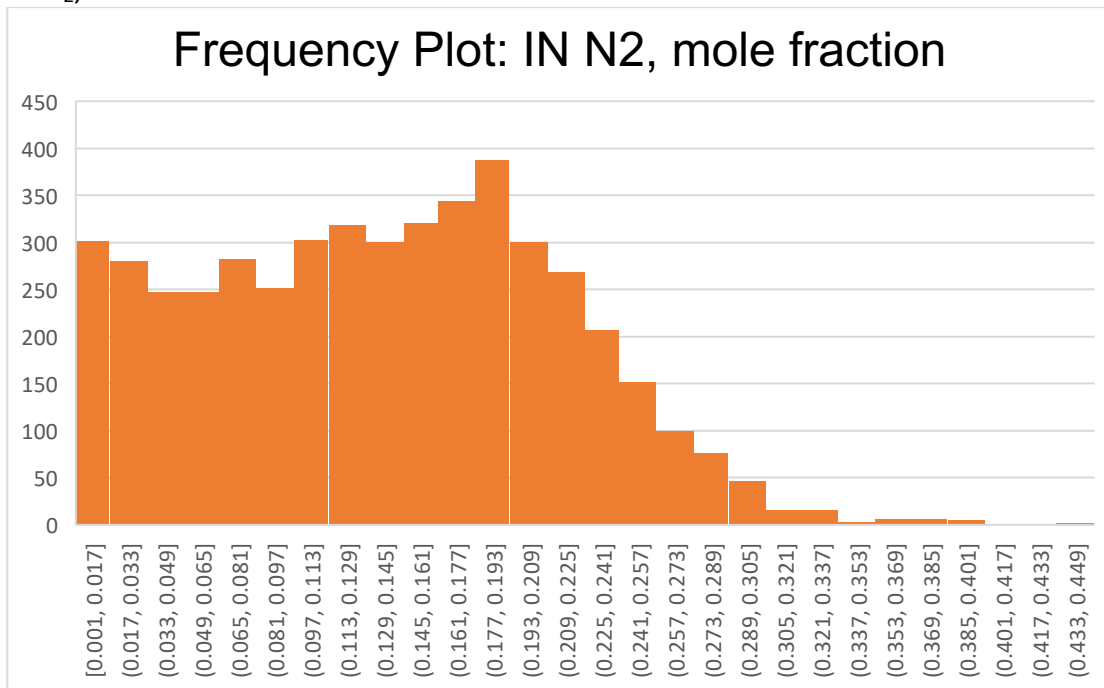
D) IN CH<sub>4</sub>, mole fraction



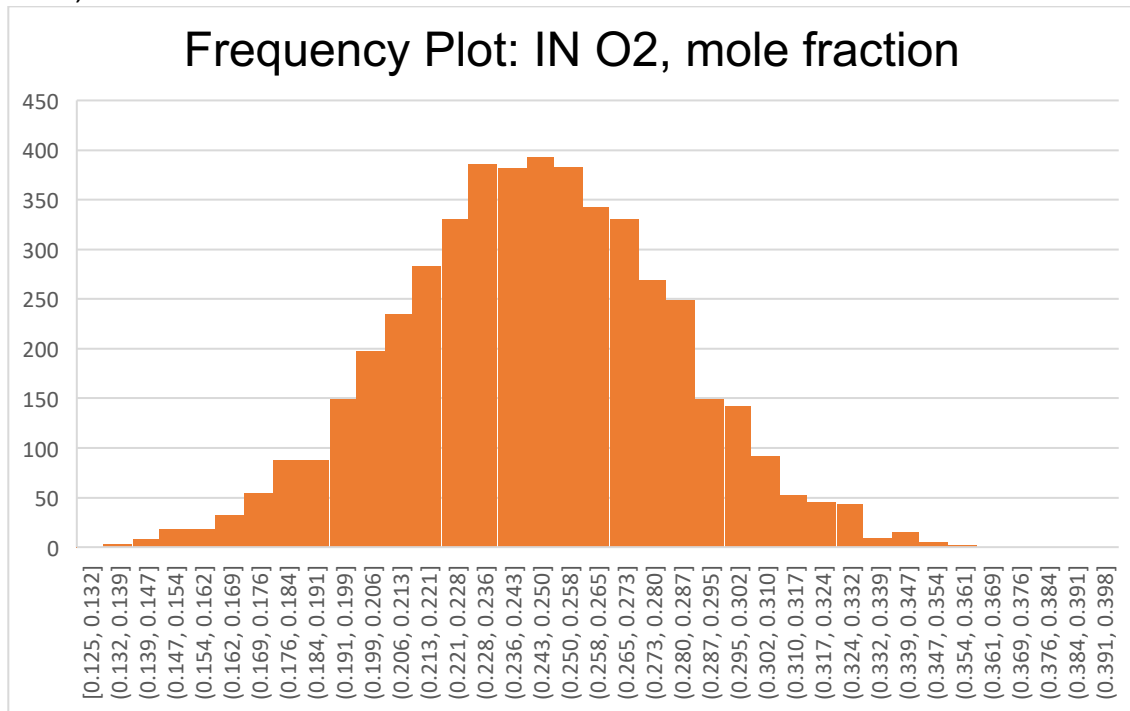
E) IN CO<sub>2</sub>, mole fraction



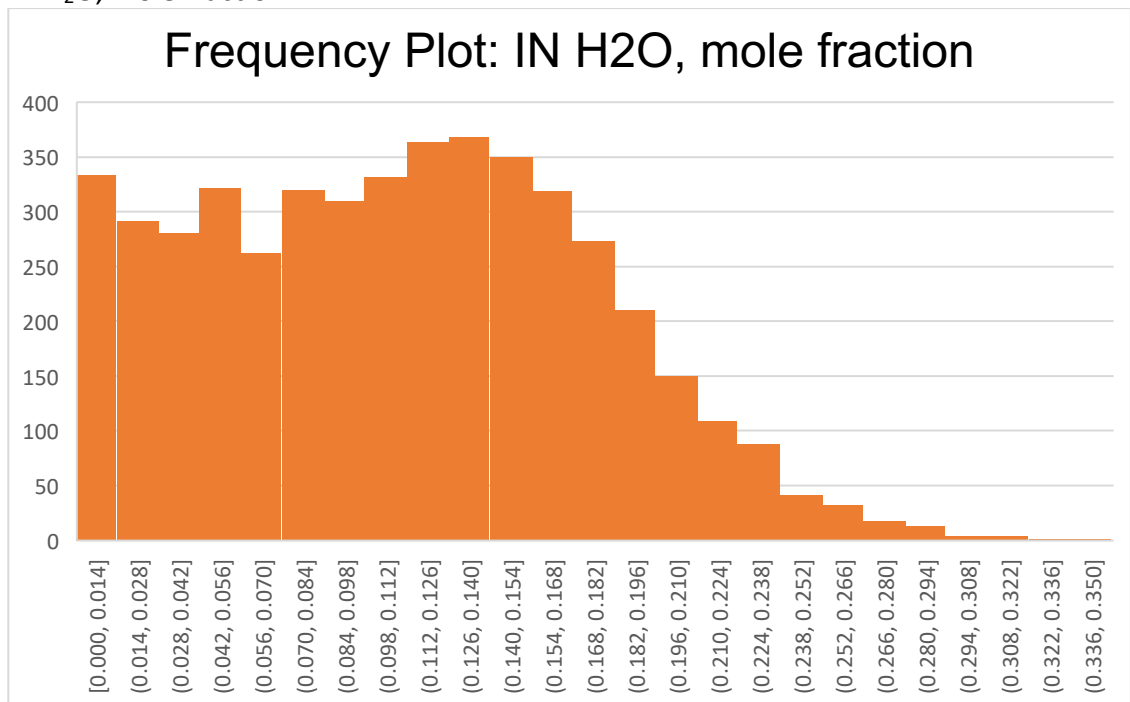
F) IN N<sub>2</sub>, mole fraction



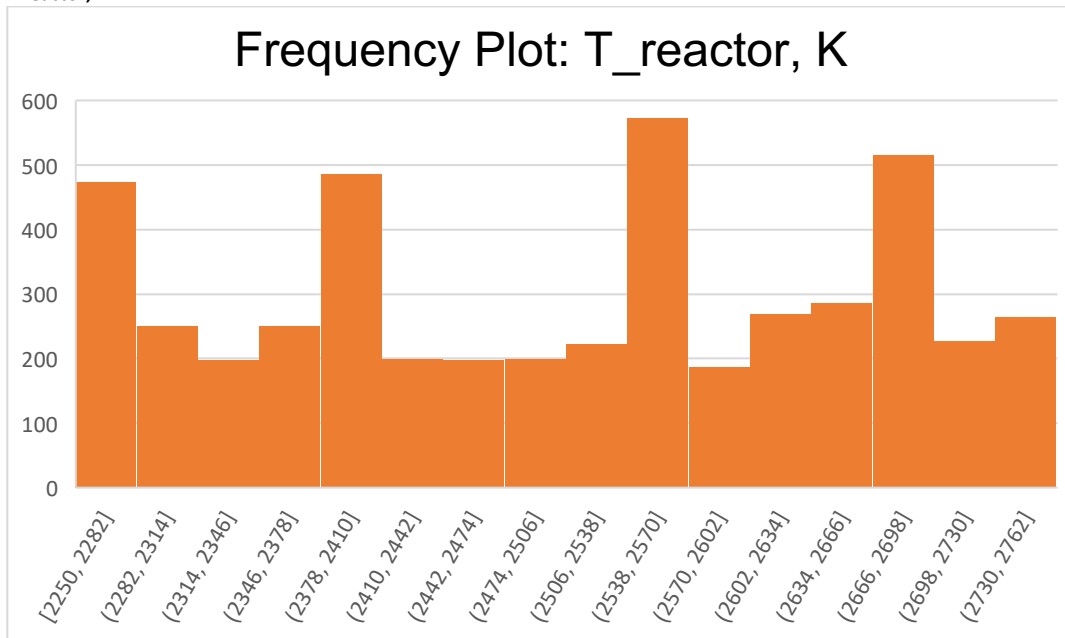
G) IN O<sub>2</sub>, mole fraction



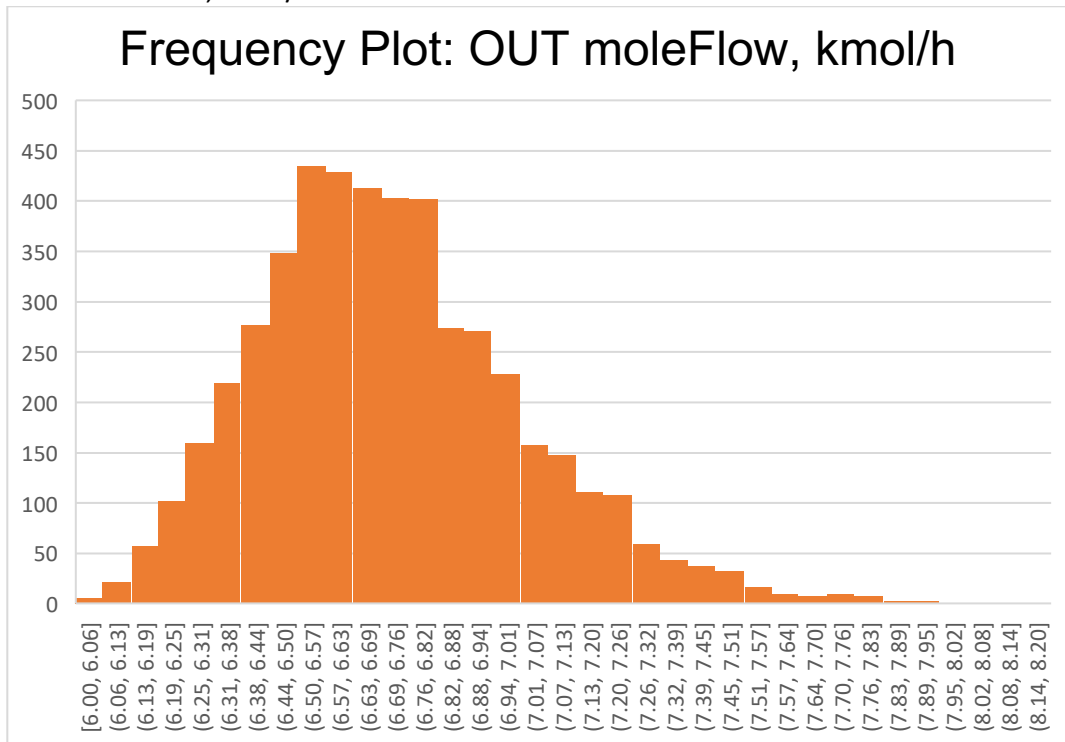
H) IN H<sub>2</sub>O, mole fraction



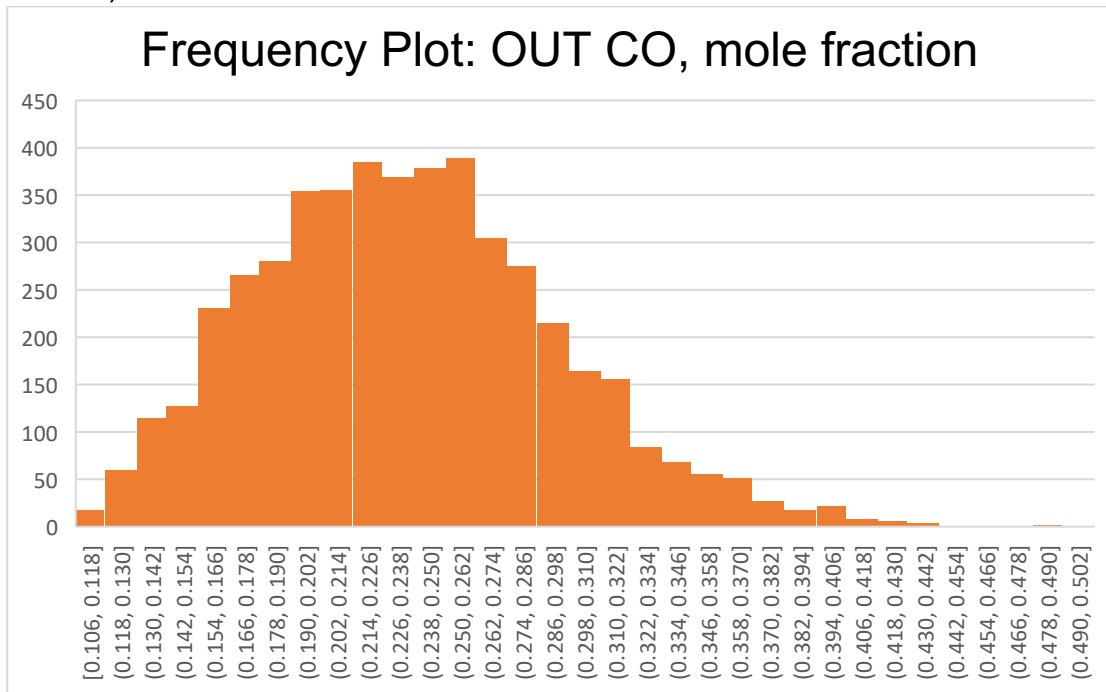
I)  $T_{\text{reactor}}, \text{K}$



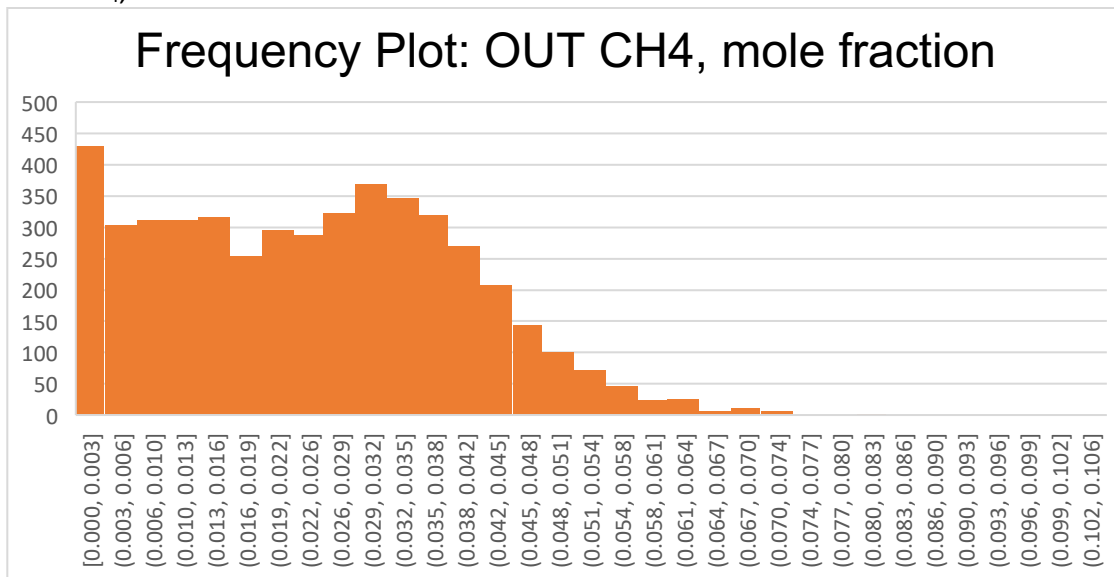
J) OUT mole Flow, kmol/h



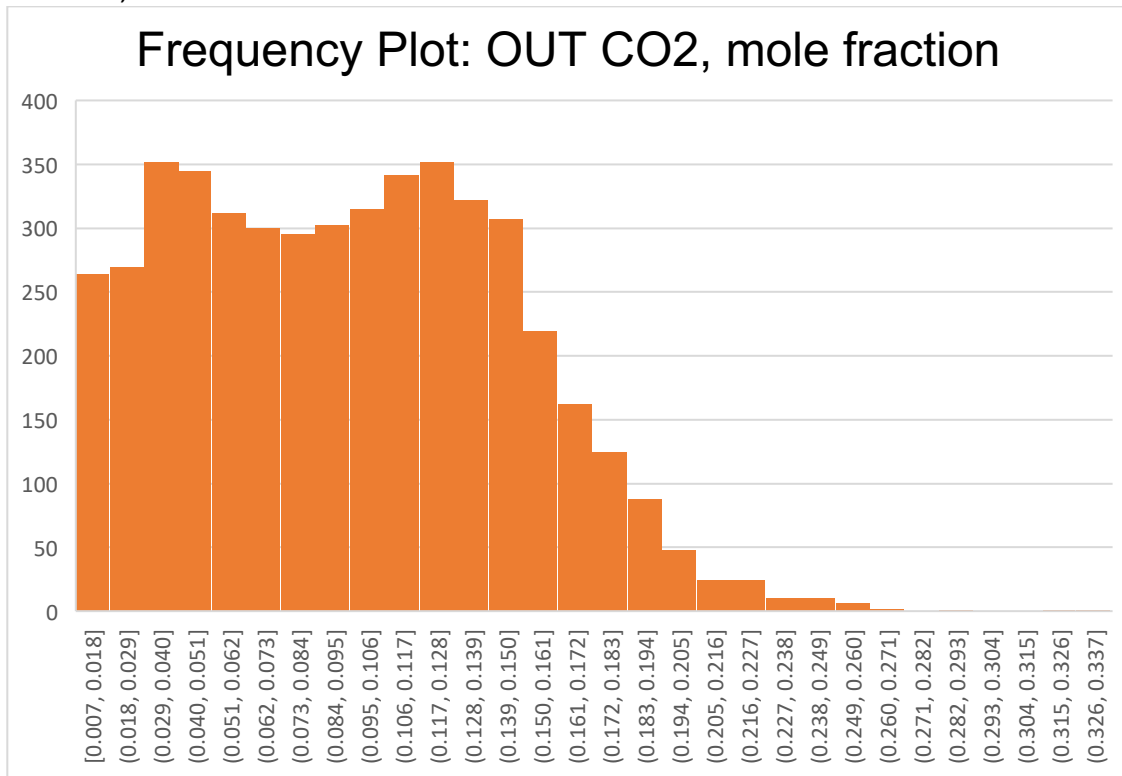
K) OUT CO, mole fraction



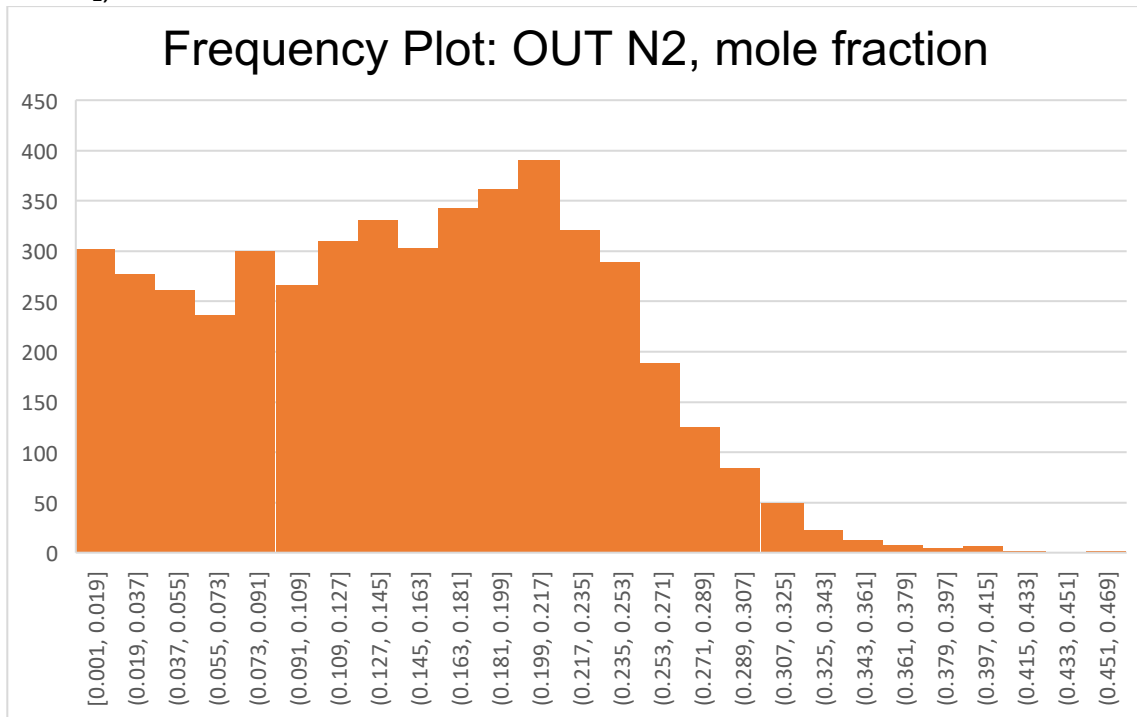
L) OUT CH<sub>4</sub>, mole fraction



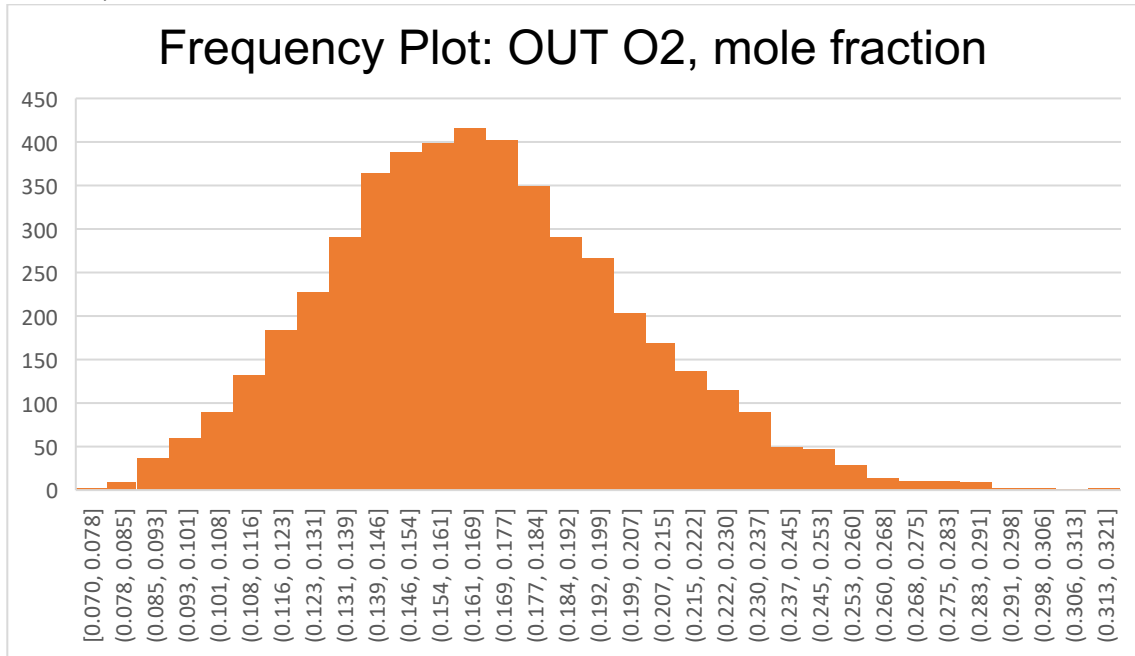
M) OUT CO<sub>2</sub>, mole fraction



N) OUT N<sub>2</sub>, mole fraction



O) OUT O<sub>2</sub>, mole fraction



P) OUT H<sub>2</sub>O, mole fraction

