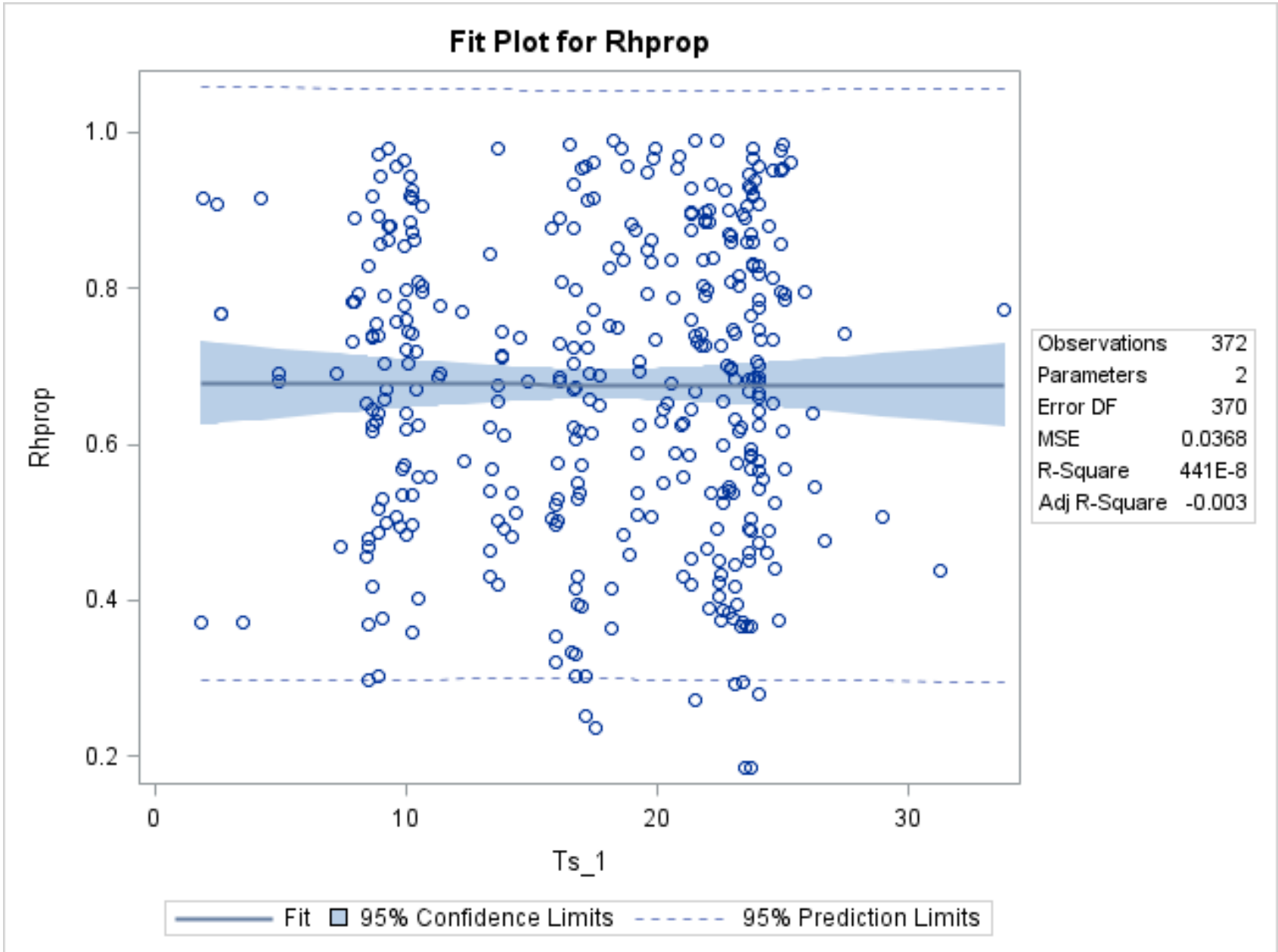
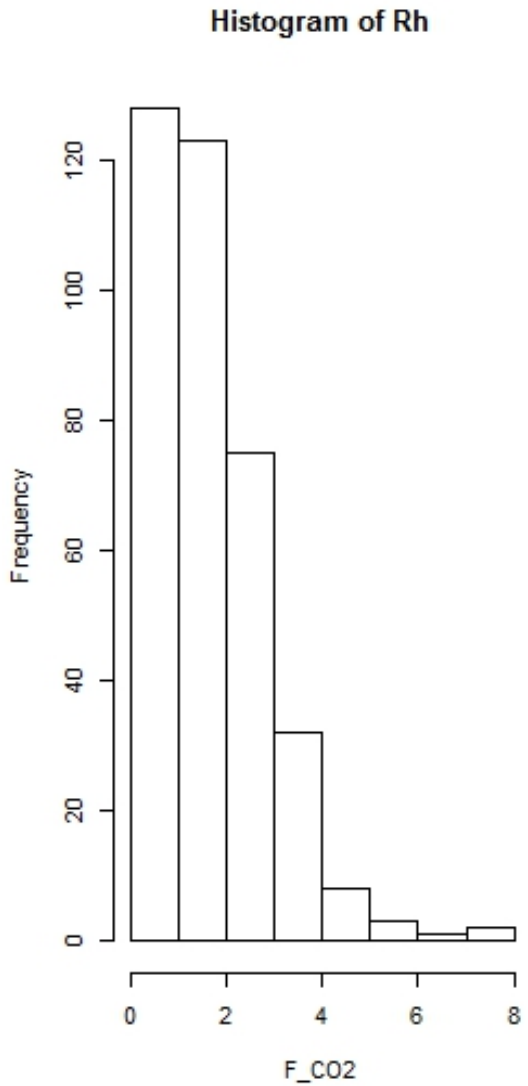
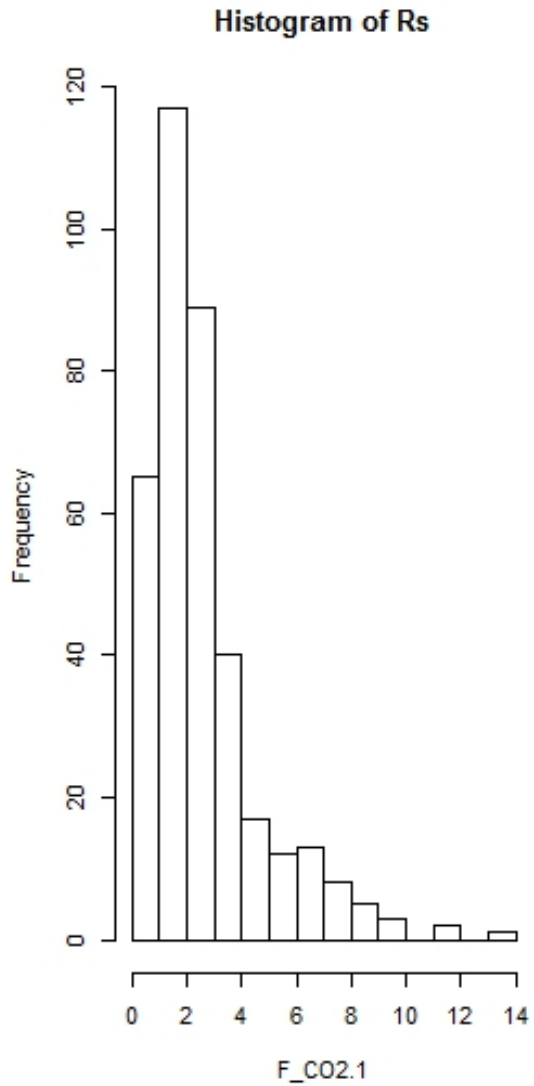
Working with Rh proportion directly

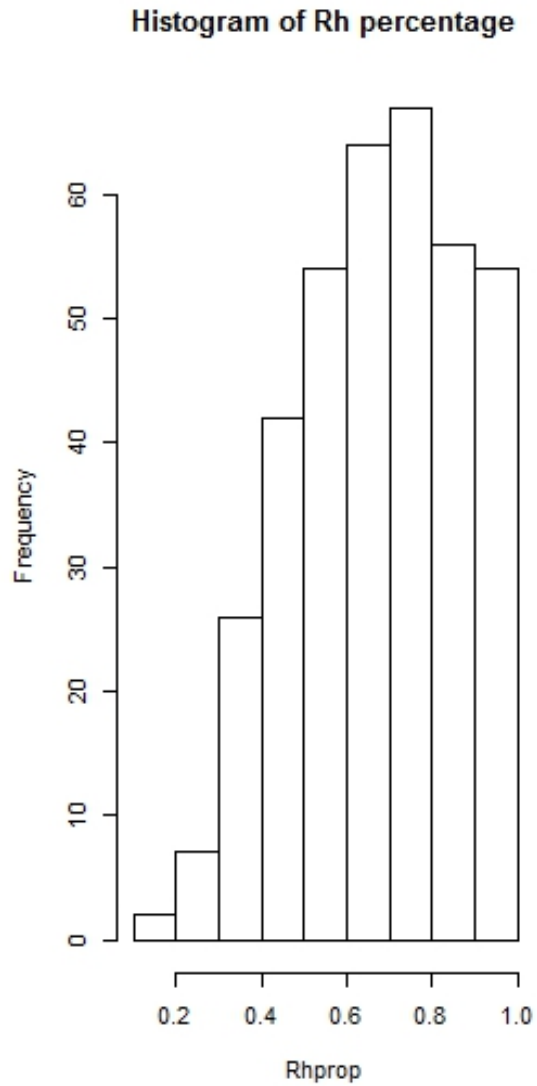


Rh proportion for Tier 2+4

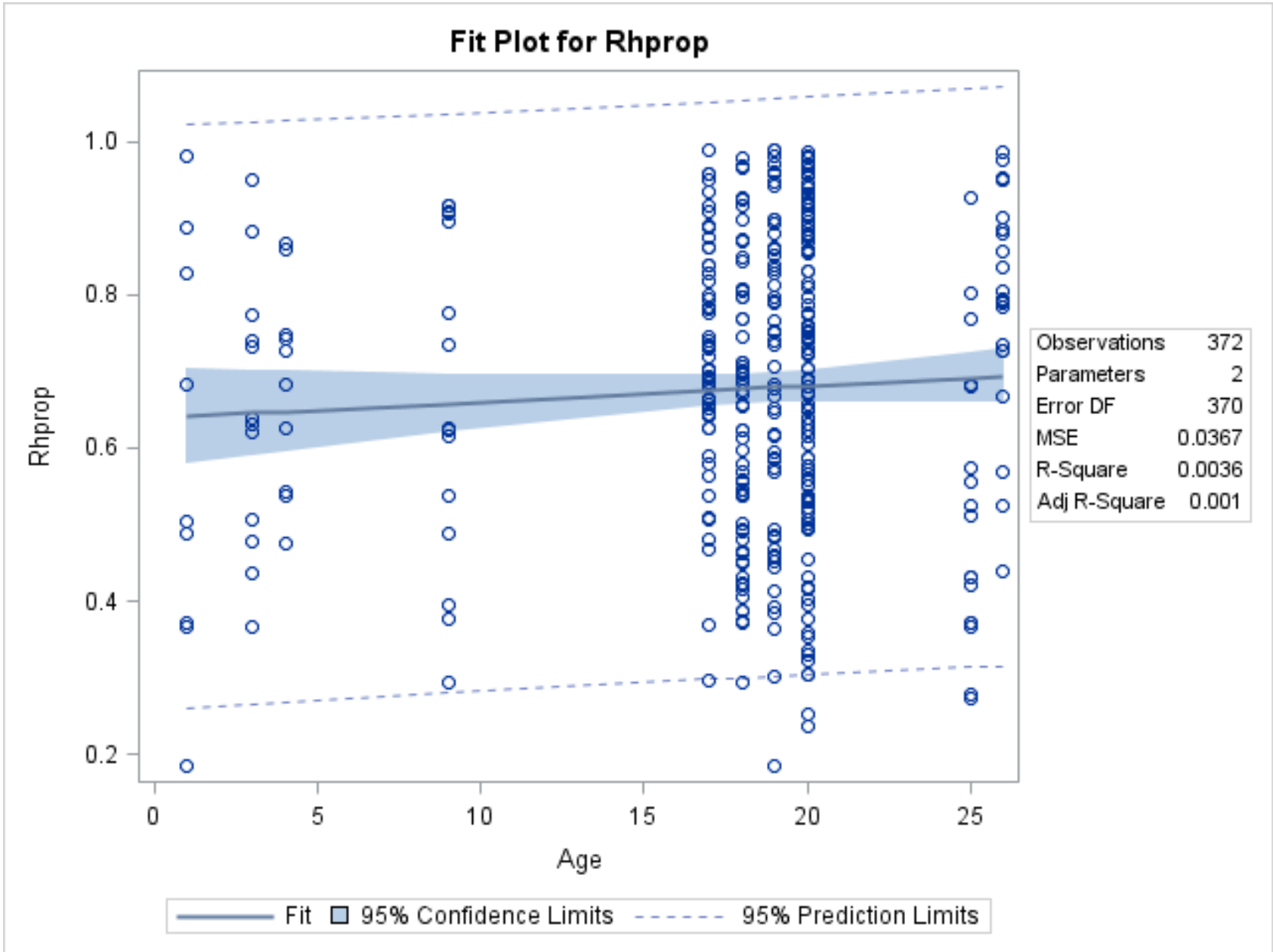
n=372; Median Rh=0.68



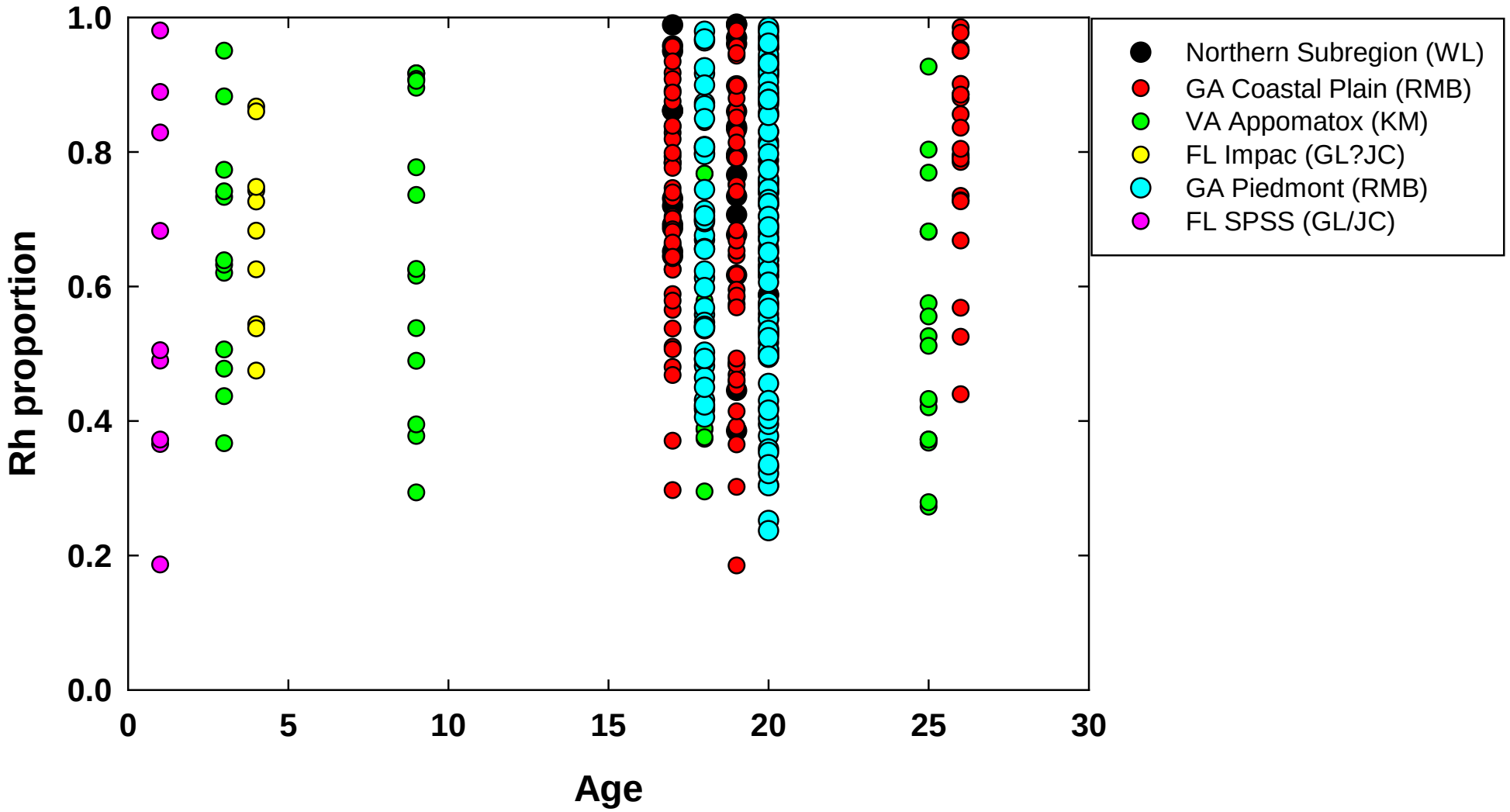


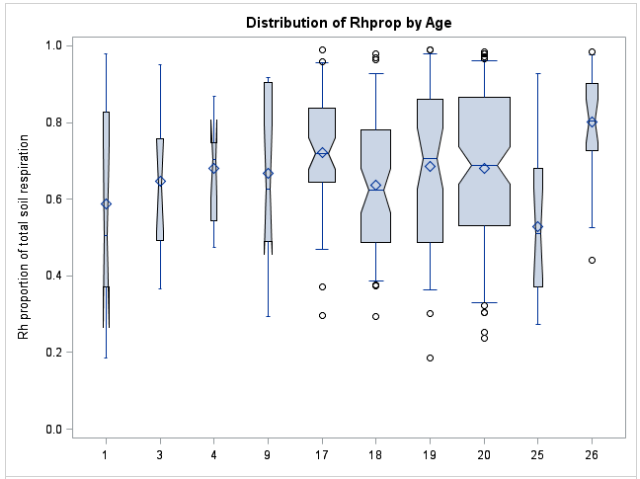


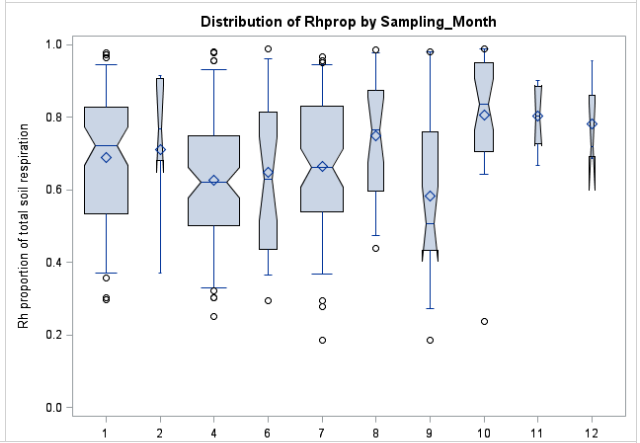
Rh proportion for Tier 2+4 by Age

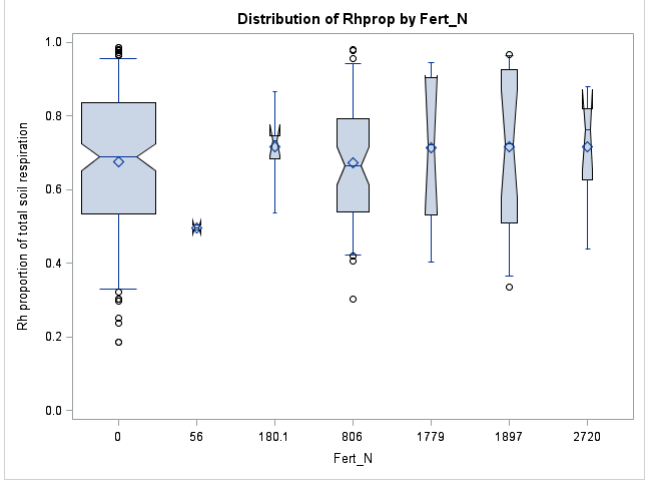


Rh proportion for Tier 2+4 by Age









Rh proportion:
There are data available but limited over the matrix of all factors.

Univariate or Multivariate models suggest season, moisture, temperature, Age, Nfert and their interactions can explain a limited amount of variance in Rh proportion

Effect	Adj. R2	PR>F
Intercept	0.00	
Sampling Month	0.09	0.000
Surface VWC	0.11	0.008
Surface soil Temp	0.13	0.018

Effect	Adj. R2	Pr>F
Intercept		
Age*Month	0.15	0.000
Temp*VWC*NFert*Month	0.19	0.004
VWC*Nfert	0.22	0.008
NFert	0.23	0.04
Temp*VWC	0.24	0.02
Temp*VWC*Nfert*Age*Month	0.27	0.06

Next steps:

- Better account for repeated measures within studies
- Incorporate additional factors (soils, site index)
- Other ideas?