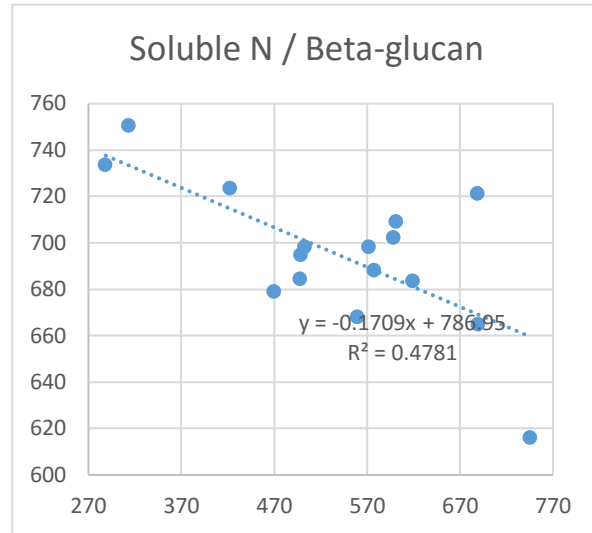
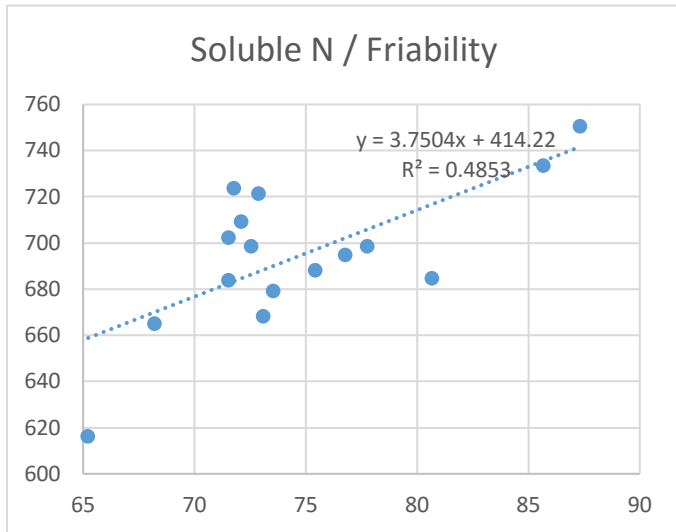
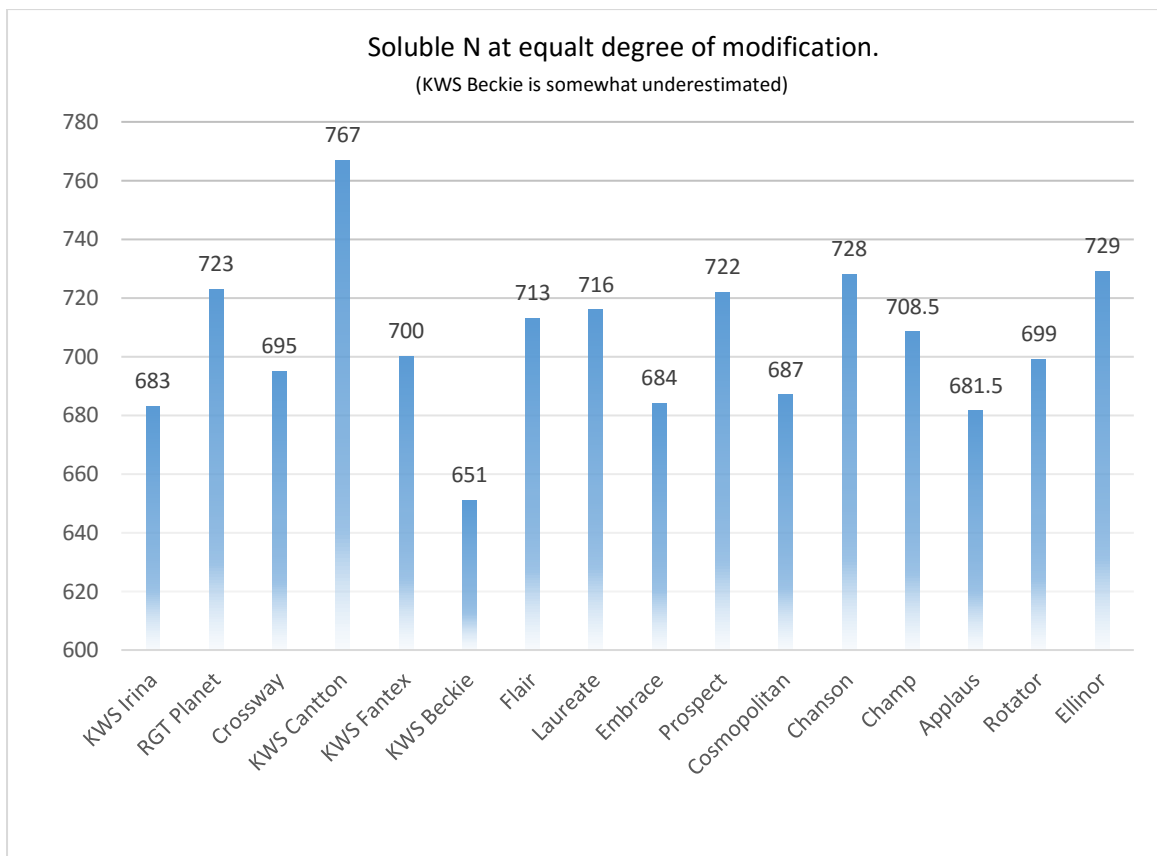


CONSIDERATIONS CONCERNING STRESS TEST RESULTS FOR PROTEOLYSIS PARAMETERS

Please note that proteolysis properties are usually relatively highly correlated with degree of modification, i.e. the higher the modification, the higher soluble N etc. It is therefore difficult in the stress test to compare the varieties on equal terms with regard to proteolysis, as the varieties vary to large extent in degree of modification.



The best version of a realistic comparison, could be to adjust the soluble N values to equal level of modification. This has been attempted by adjusting to same modification as KWS Irina_45. The target values are beta-glucan = 481 and modification = 78. The values obtained are shown below. Except for KWS Cantton (KWS Beckie can not be adjusted correctly), all the varieties seem to fall within the same level as KWS Irina and RGT Planet, where KWS Irina has a slightly lower soluble N and RGT Planet a little higher value.



With regard to the single proteolysis parameters, one should be aware, that these are strongly correlated with each other. See figures below.

