**SUPPORTING INFORMATION IV**

Trends in the parameters disease free yield, yield loss coefficient, untreated disease severity and the price of grain.

*Disease free yield, yield loss coefficient*

A linear relationship between time and disease free yield was fitted to the data. The estimated slope parameter a=0.0443±0.0353. There is no significant trend in the disease free yield with time.



A linear relationship between time and the yield loss coefficient was fitted to the data. The estimated slope parameter a=-0.0026±0.0015. There is no significant trend in the yield loss coefficient with time.



*Untreated disease severity*

A linear relationship between time and untreated disease severity was fitted to the data. The estimated slope parameter a=-0.2854±0.2449. There is no significant trend in the untreated disease severity with time.



**NOTE:** The cultivars used in these experiments were selected for their susceptibility to STB. The trends, or lack thereof, of disease free yield, yield loss coefficient and untreated disease severity with time are thus not indicative for the entire UK wheat population.

*Grain price*

A linear relationship between time and grain price was fitted to the data. The estimated slope parameter a= 4.766±0.9322. There is a significant trend in the grain price with time.

