

“Clean” WSN and gsn from Schwabe's originals

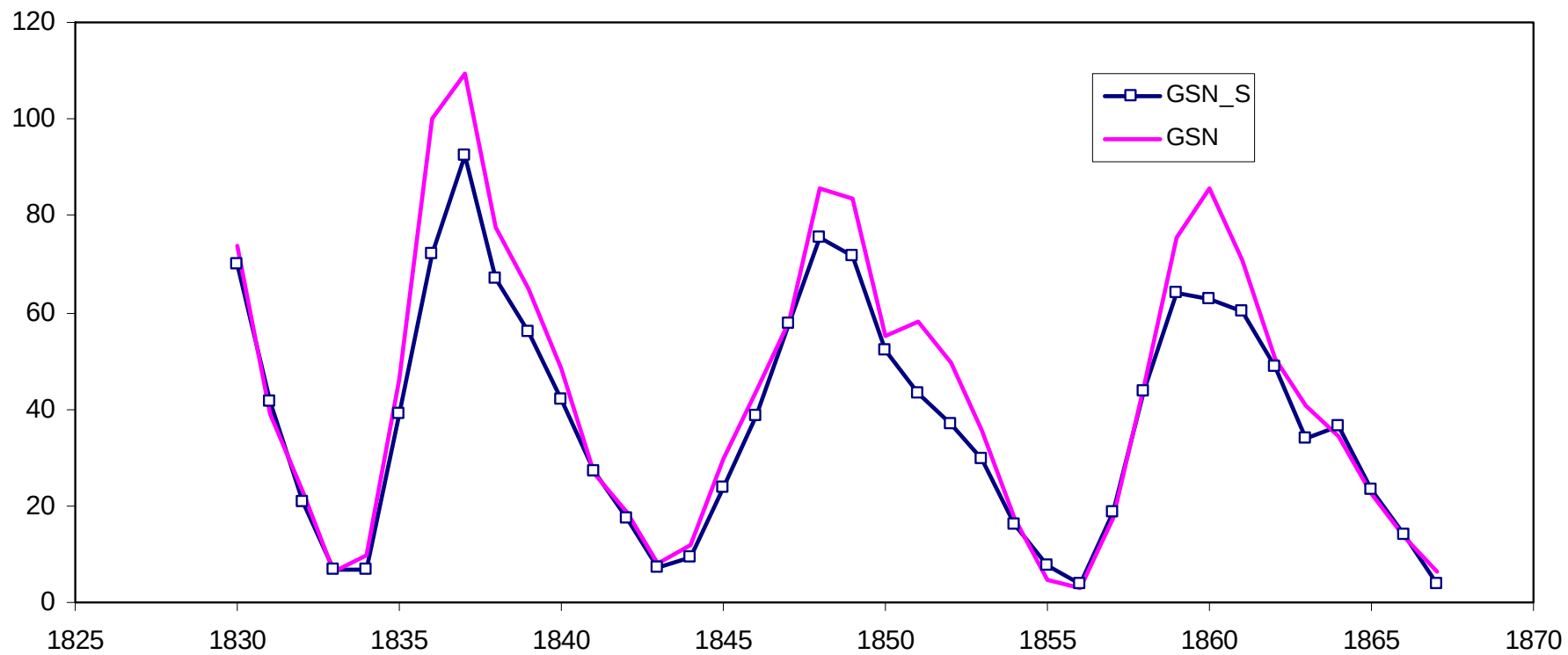
R. Arlt

(Leibniz-Institut für Astrophysik Potsdam)

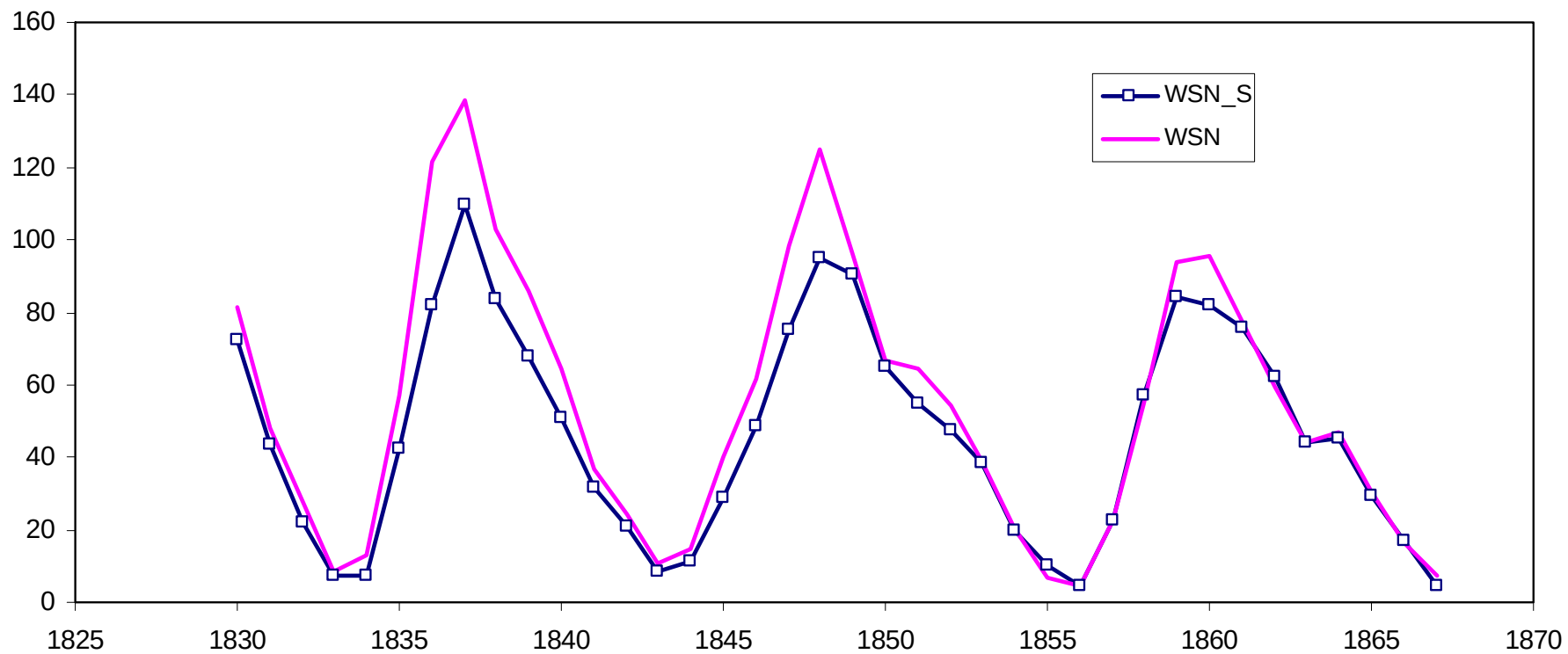
K. Mursula, R. Leissu and I. Usoskin

(University of Oulu, Finland)

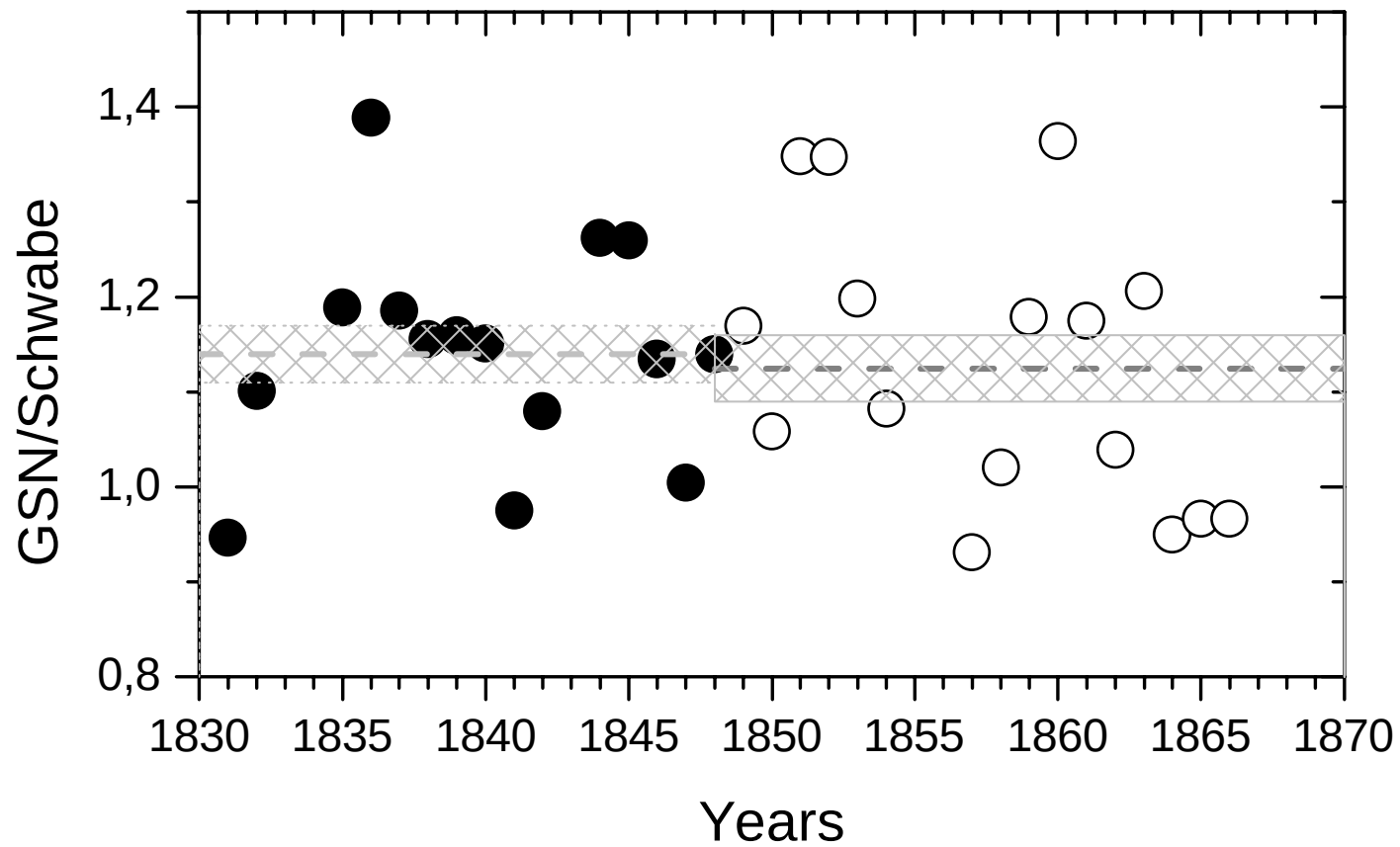
GSN



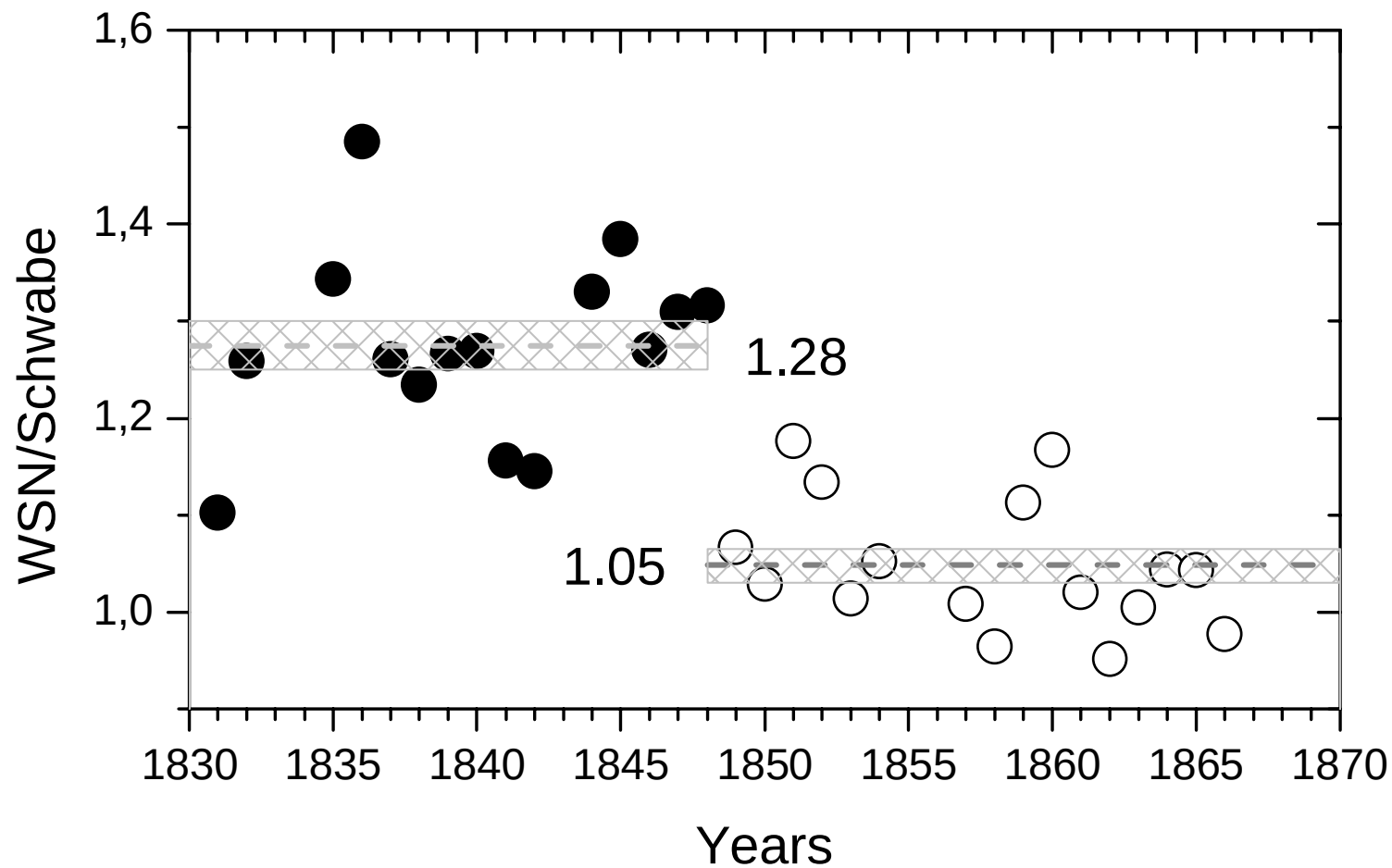
WSN



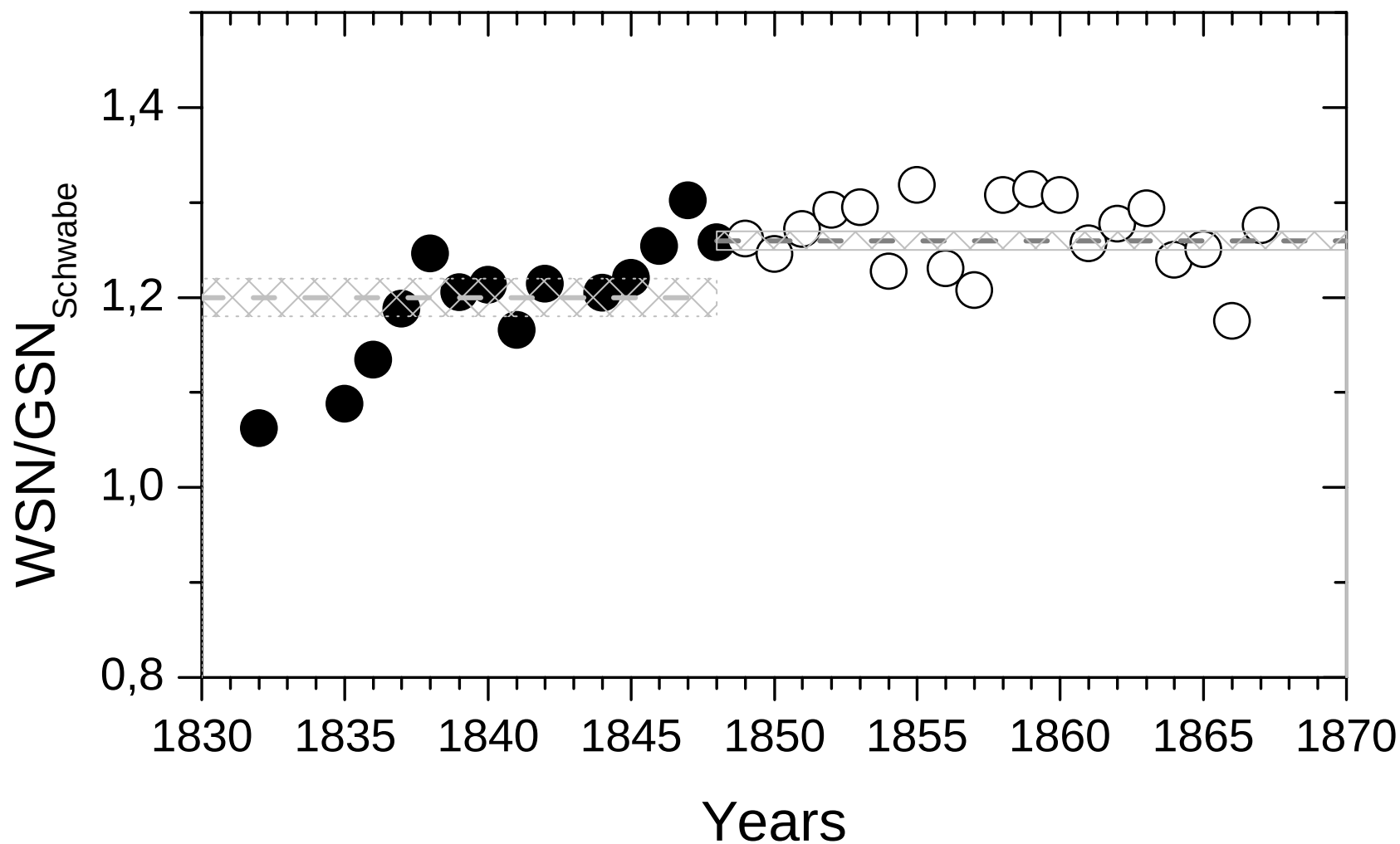
GSN/GSN_s



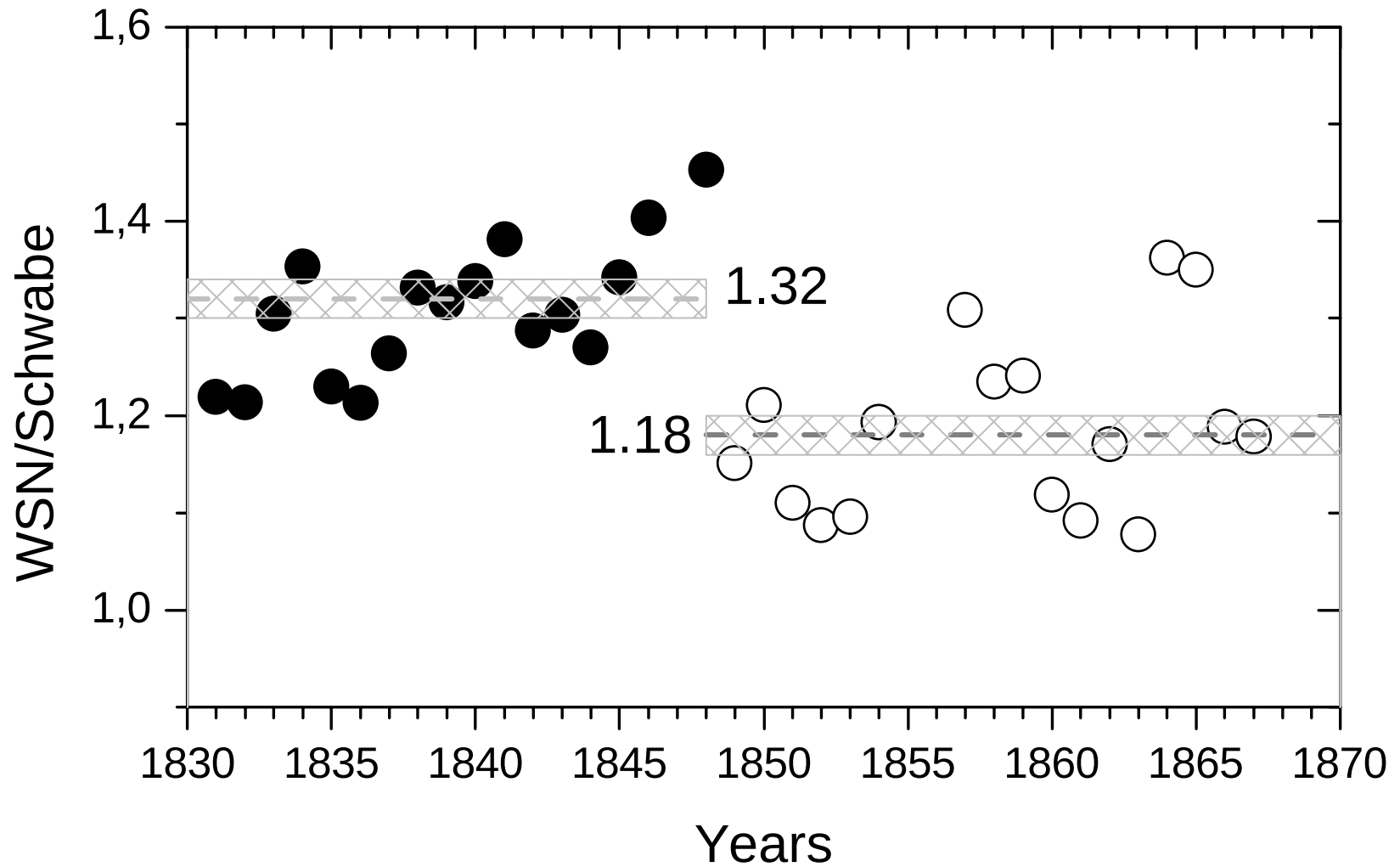
WSN/WSN_s



WSN/GSN_schwabe



WSN/GSN



Conclusions

- GSN (HS98) is consistent with Schwabe-based GSN with $k \sim 1.13$ ($k=1.2$ in HS98);
- WSN(ISN) has a jump in 1848 with respect to WSN_s $\rightarrow$ something wrong with calibration of Schwabe to Wolf.
- WSN/GSN (Schwabe) is more homogeneous than WSN/GSN.