Location of x_{sat} for different k
$x_{sat} \approx 5/k$, or $k \approx 5/x_{sat}$

- $k = 0.33, x_{sat} \approx 15.00$
- $k = 0.50, x_{sat} \approx 10.00$
- $k = 1.00, x_{sat} \approx 5.00$
- $k = 2.00, x_{sat} \approx 2.50$