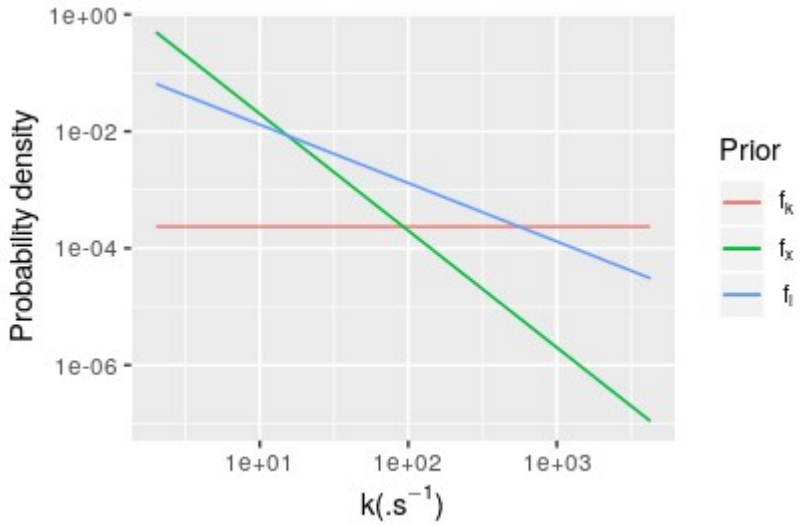
Erratum

There is a minor mistake in the article.
On page 5, k_1 does not belong to the interval [2;2000] but to [2;4.26E+3].

As a consequence, the prior distributions are slightly different.

This leads to the following prior distributions for the first three variables:



The new Bayes factors are shown below and compared with the old ones:

Variable	O	B
k	4.00E-07	2.76E-01
X = 1/k	2.50E+04	1.47E+04
l = log10(k)	6.00E-01	2.91E+02

New Bayes' factors

Variable	O	B
k	4.00E-07	3.12E-01
$x = 1/k$	2.50E+04	1.67E+04
$l = log10(k)$	6.00E-01	3.29E+02

Old Bayes' factors

These small changes have no consequences whatsoever.
The conclusions drawn throughout all this article and the reasoning remain absolutely the same.