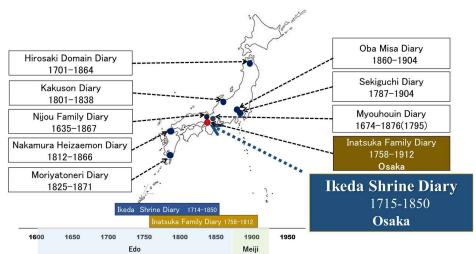
We wanted to reconstruct the weather using old diary weather records.





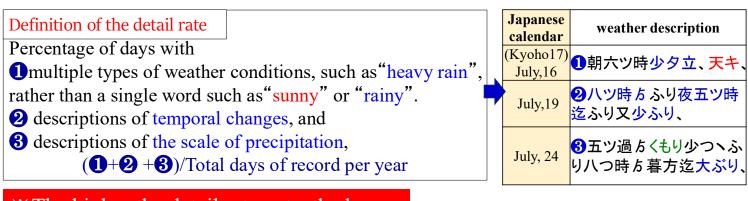
All of the diary weather records were entered into excel.

There are many old diaries in Japan. We wanted to reconstruct the weather using old diary weather records.

And this year, we attempted to reconstruct long-term weather conditions by connecting two old diaries that were written at different times.

Definition of the detail rate

We wanted to restore the precipitation occurrence rate in the Inatsuka Family Diary by Piani's method, and also the period from 1715 to 1757 by Piani's method, assuming the overlapping restored values with the Ikeda Shrine Diary as positive.



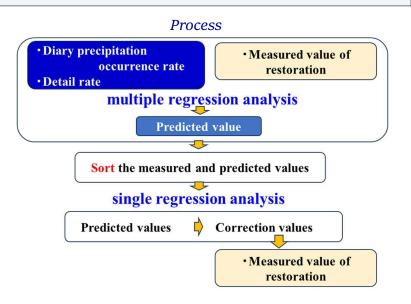
*The higher the detail rate gets, the less likely it is to be overlooked, and the higher the precipitation occurrence rate gets.

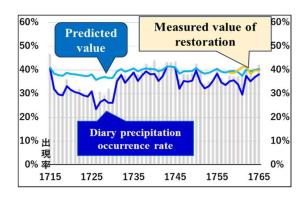
Detail rate bias

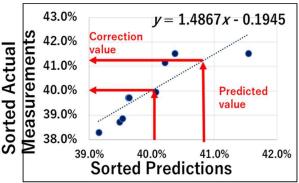
Piani's method of removing bias

What is Piani's method?

In data with measured values, methods to bring predicted values closer to measured values are used







Restoration by Piani's method

