

## Do large aftershocks and small aftershocks decrease similarly?

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We investigated if there was a difference between the decrease of relatively larger aftershocks and small aftershocks for the 2000 western Tottori earthquake and the 1995 southern Hyogo earthquake. We found that relatively larger aftershocks decreased conspicuously faster than smaller aftershocks for both earthquakes. This fact is clearly shown by the feature that a model of modified Omori formula obtained by the use of data during 10 days just after the main shock represents decrease of small aftershocks in the later period well, but it does not fit for larger aftershocks.