Revision: 0, 2024-12-21 06:58:59 UTC+09:00 Earthquake preview forecast
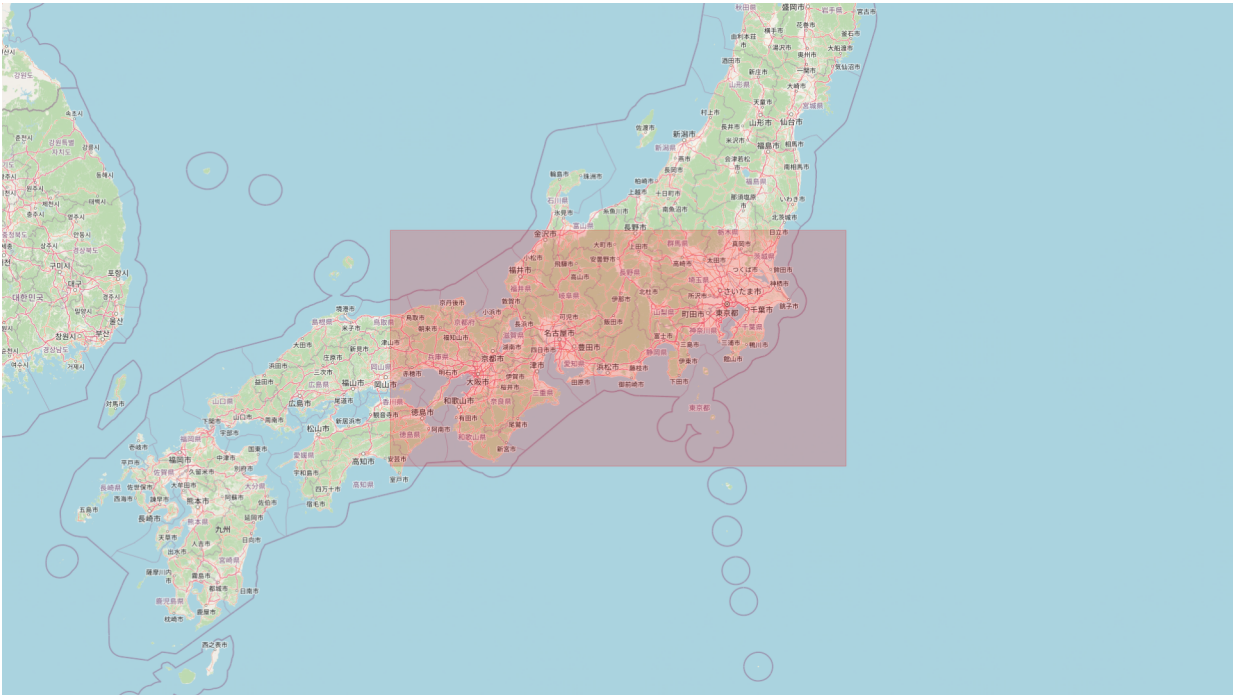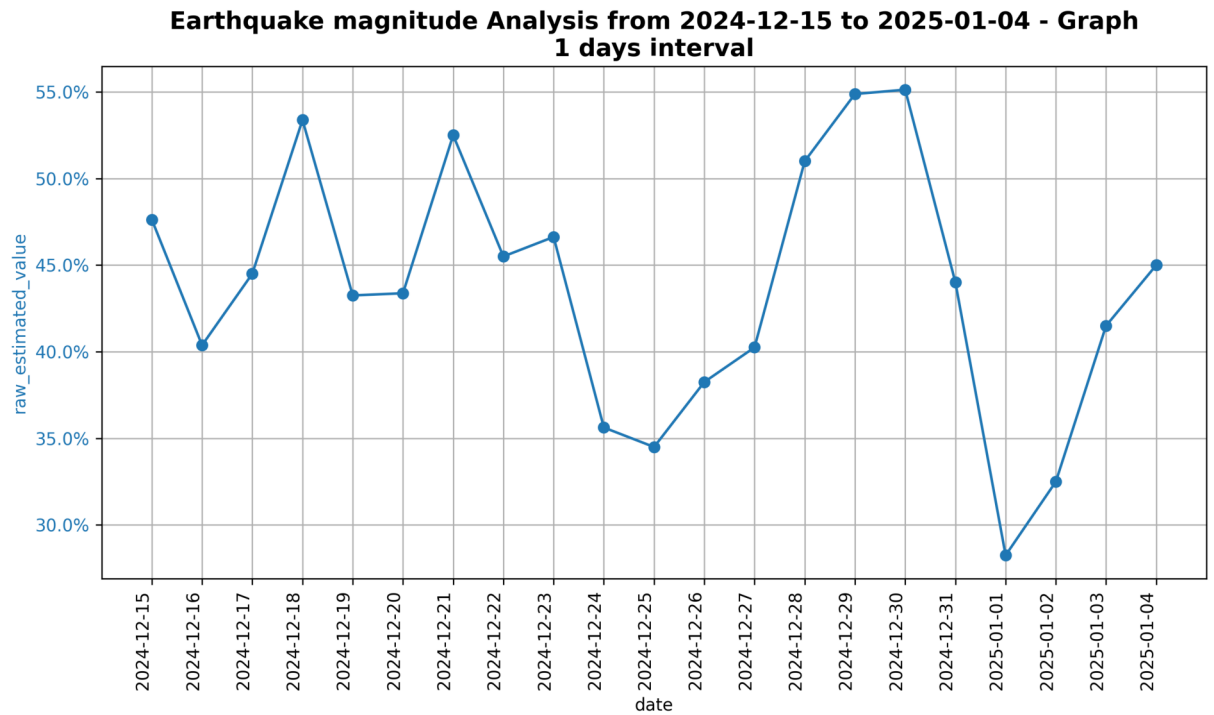Email: mardocheo.mf@gmail.com
Author: M.F.

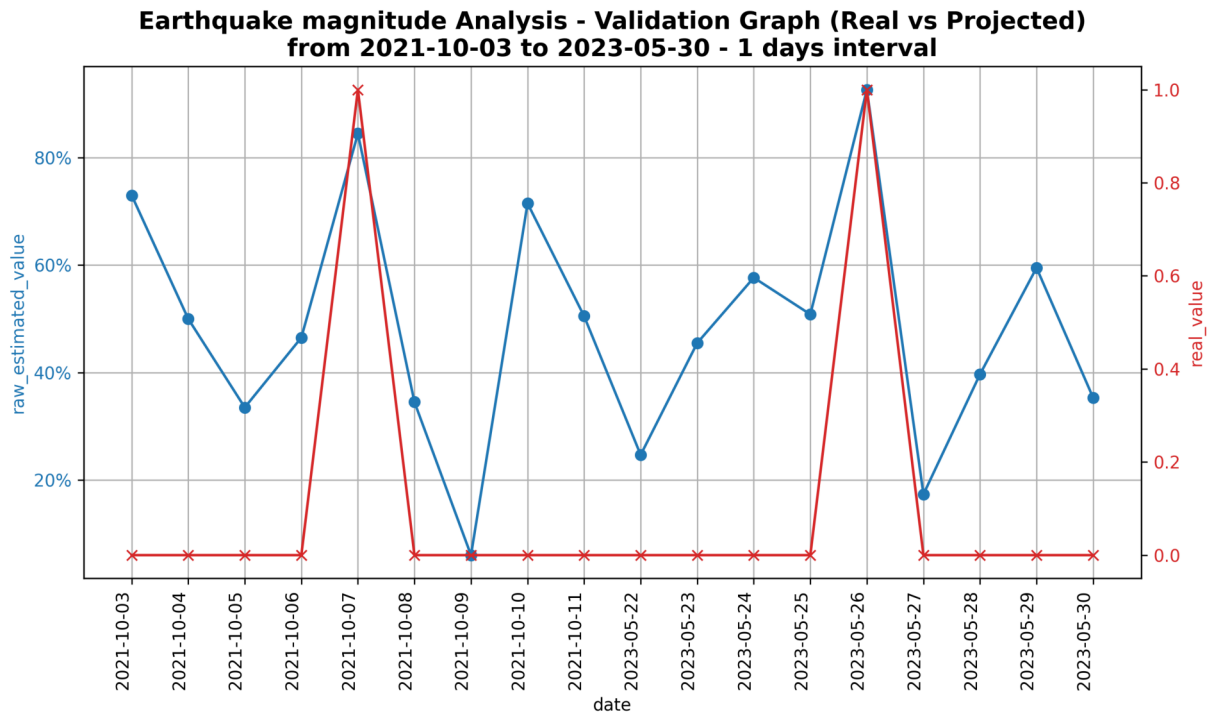# Earthquake magnitude forecast:
5.0+ probability for JAPAN.KANTO

Zone coordinates

Zone	min Latitude	max Latitude	min Longitude	max Longitude	latmedian	lonmedian
chiba	33.40	35.50	138.00	141.80	0.00	0.00
kanto3joint1	34.22	36.60	139.53	141.80	0.00	0.00
kanto3joint2	34.00	36.60	138.00	139.53	0.00	0.00
kanto3joint3	34.00	35.30	138.00	139.20	0.00	0.00
nagoya	34.00	36.70	134.00	139.00	0.00	0.00

aggregated_mag_BalancedAverage.csv
Generated by Earthquake Forecasting System

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Earthquake magnitude Analysis from 2024-12-15 to 2025-01-04 - Graph
1 days interval

Earthquake magnitude Analysis from 2024-12-15 to 2025-01-04 - Table
1 days interval

date slot	real value	raw estimated value	fpr	fnr	avg days	threshold	Accuracy Index	validation error	training error
2024-12-15	0.00	0.48	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-16	0.00	0.4	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-17	0.00	0.44	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-18	0.00	0.53	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-19	0.00	0.43	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-20	0.00	0.43	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-21	0.00	0.52	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-22	0.00	0.45	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-23	0.00	0.47	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-24	0.00	0.36	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-25	0.00	0.34	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-26	0.00	0.38	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-27	0.00	0.4	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-28	0.00	0.51	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-29	0.00	0.55	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-30	0.00	0.55	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2024-12-31	0.00	0.44	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2025-01-01	0.00	0.28	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2025-01-02	0.00	0.32	0.45	0.00	5.88	0.48	0.73	0.39	0.23
2025-01-03	0.00	0.41	0.45	0.00	5.88	0.48	0.73	0.39	0.23

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Earthquake magnitude Analysis - Validation Graph (Real vs Projected) from 2021-10-03 to 2023-05-30 - 1 days interval

Earthquake magnitude Analysis - Validation Time Table (Real vs Projected) from 2021-10-03 to 2023-05-30 - 1 days interval

date slot	real value	raw estimated value	fpr	fnr	threshold	Accuracy Index	validation error	training error
2021-10-03	0.00	0.73	0.44	0.00	0.50	0.68	0.42	0.27
2021-10-04	0.00	0.5	0.44	0.00	0.50	0.68	0.42	0.27
2021-10-05	0.00	0.34	0.44	0.00	0.50	0.68	0.42	0.27
2021-10-06	0.00	0.46	0.44	0.00	0.50	0.68	0.42	0.27
2021-10-07	1.00	0.84	0.44	0.00	0.50	0.00	0.00	0.00
2021-10-08	0.00	0.34	0.44	0.00	0.50	0.68	0.42	0.27
2021-10-09	0.00	0.06	0.44	0.00	0.50	0.68	0.42	0.27
2021-10-10	0.00	0.71	0.44	0.00	0.50	0.68	0.42	0.27
2021-10-11	0.00	0.5	0.44	0.00	0.50	0.68	0.42	0.27
2023-05-22	0.00	0.25	0.46	0.00	0.47	0.75	0.38	0.23
2023-05-23	0.00	0.45	0.46	0.00	0.47	0.75	0.38	0.23
2023-05-24	0.00	0.58	0.46	0.00	0.47	0.75	0.38	0.23
2023-05-25	0.00	0.51	0.46	0.00	0.47	0.75	0.38	0.23
2023-05-26	1.00	0.93	0.46	0.00	0.47	0.00	0.00	0.00
2023-05-27	0.00	0.17	0.46	0.00	0.47	0.75	0.38	0.23
2023-05-28	0.00	0.4	0.46	0.00	0.47	0.75	0.38	0.23
2023-05-29	0.00	0.59	0.46	0.00	0.47	0.75	0.38	0.23
2023-05-30	0.00	0.35	0.46	0.00	0.47	0.75	0.38	0.23