電子付録　**Electronic Supplement**

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1586 年天正地震の震源断層推定の試み
－液状化履歴地点における液状化可能性の検討から－
山村紀香・加納靖之

Source Fault Estimation of the 1586 Tensho Earthquake
by Evaluating the Possibility of Liquefaction
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Fig. S1 ~ Fig. S4 の見方は本文と同じである．

Table S1　Fault parameter (NIED, 2020b)

Fault name	Longitude of one corner of the fault (Japanese Geodetic Datum)	Latitude of one corner of the fault (Japanese Geodetic Datum)	Depth of one corner of the fault [km]	Fault length [km]	Fault width [km]	Strike [°]	Dip [°]
Shokawa fault group	137.063	35.909	2	72	14	340.3	90
Southern part of Atera fault group	137.619	35.485	2	64	16	312	90
Yoro-Kuwana-Yokkaichi faults	136.644	35.063	2	38.2	18	334	150
	136.644	35.063	2	20.2	18	203	30

※　走向方向および傾斜方向は，断層の北端の点を中心に時計周りに回転するように設定するが，南端の点から設定することも考え Dip=0° よりも大きく 180° 未満の値で設定することができるようにしている［先名・藤原（2011）］.
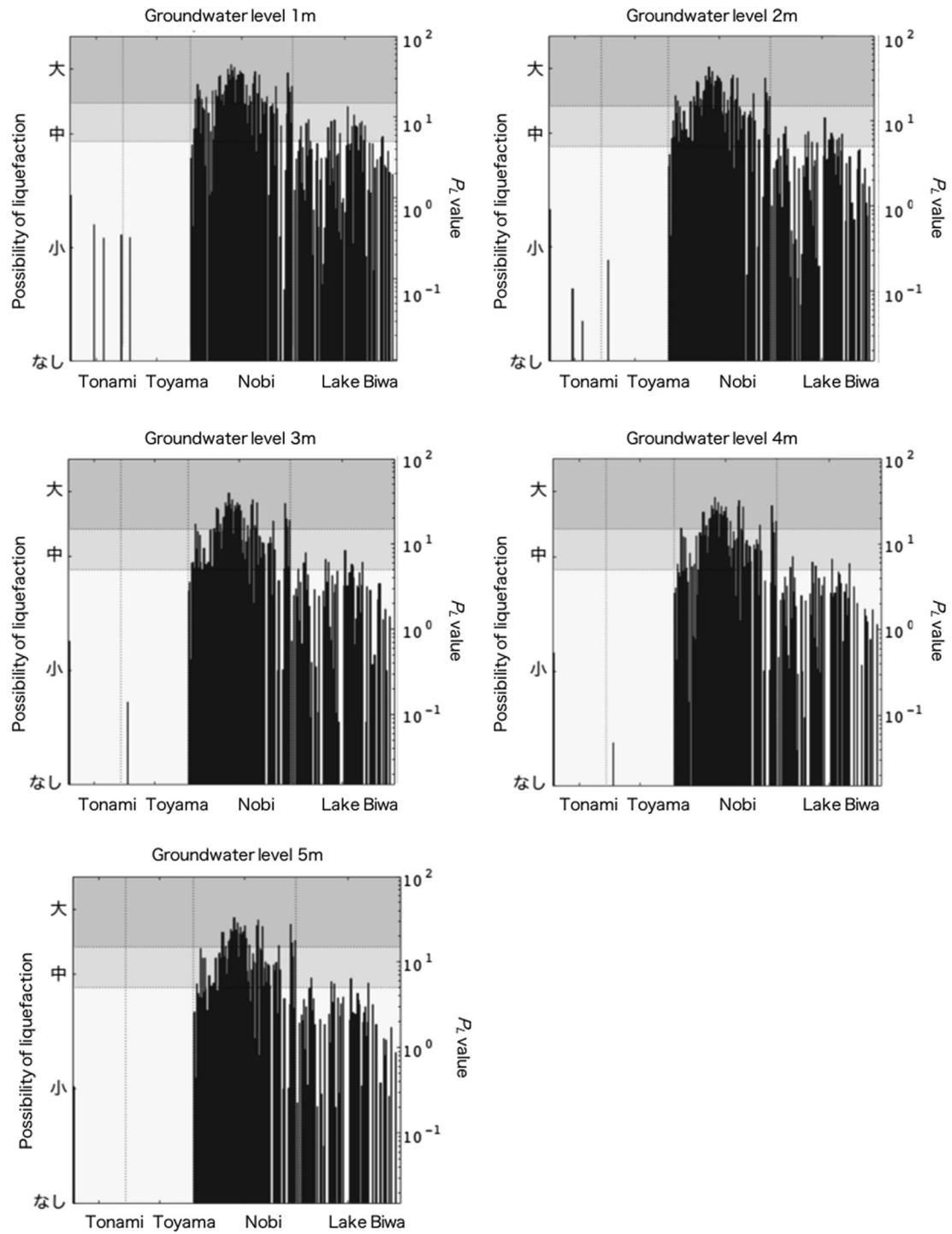
Fig. S1. P_L values and the possibilities of liquefaction for hypothetical source fault along southern part of the Atera fault group (M_j 7.8) with different groundwater level. Tonami, Toyama, Nobi and Lake Biwa are shown in Fig. 1. "大", "中", "小" and "なし" are the same as in Table 3.

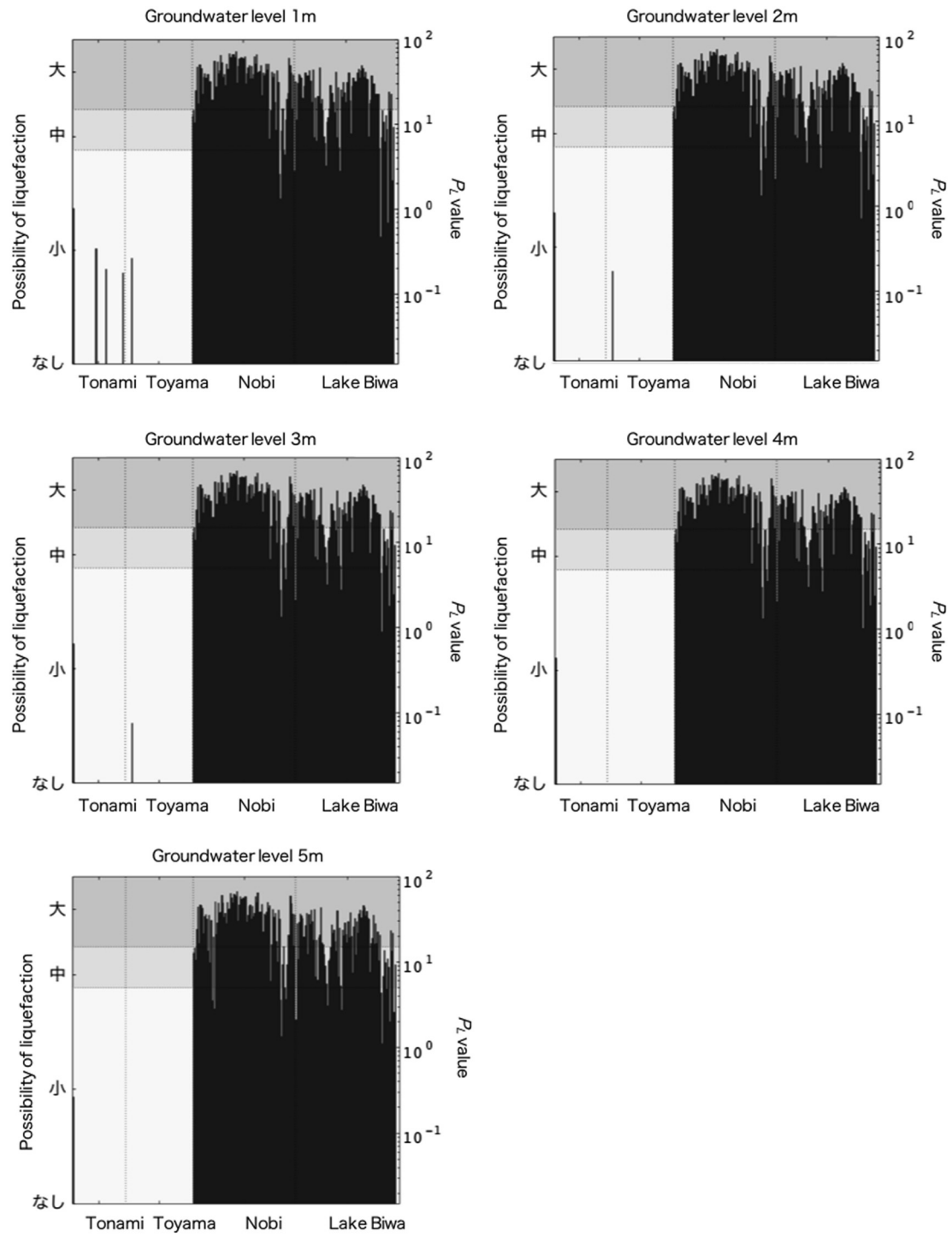Fig. S2. P_L values and the possibilities of liquefaction for hypothetical source fault along the Yoro-Kuwana-Yokkaichi faults (M_j 8.0) with different groundwater level. Tonami, Toyama, Nobi and Lake Biwa are shown in Fig. 1. "大", "中", "小" and "なし" are the same as in Table 3.
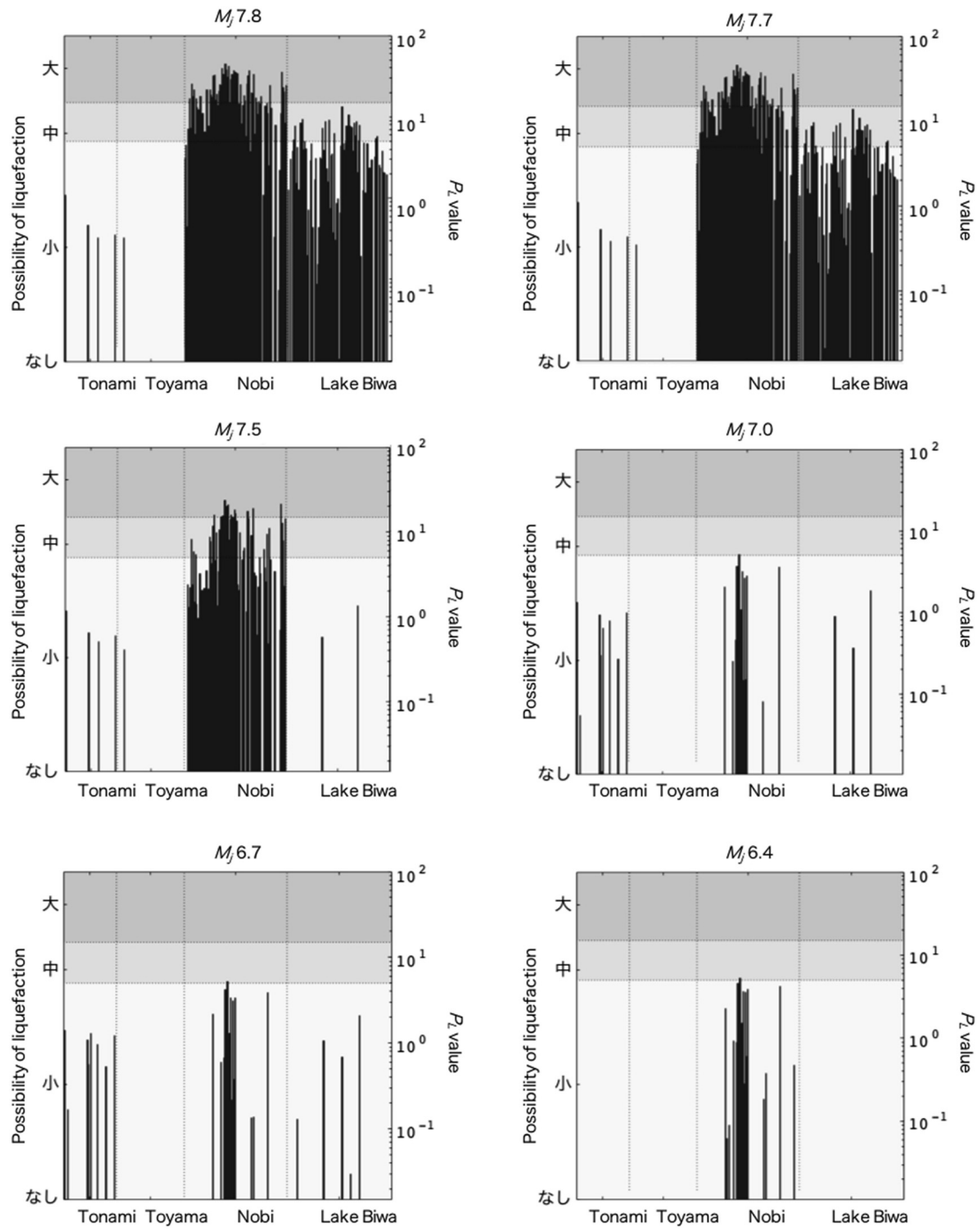
Fig. S3. P_L values and the possibilities of liquefaction for hypothetical source fault along southern part of the Atera fault group (M_j 7.8) with magnitude of the earthquake. Tonami, Toyama, Nobi and Lake Biwa are shown in Fig. 1. "大", "中", "小" and "なし" are the same as in Table 3.
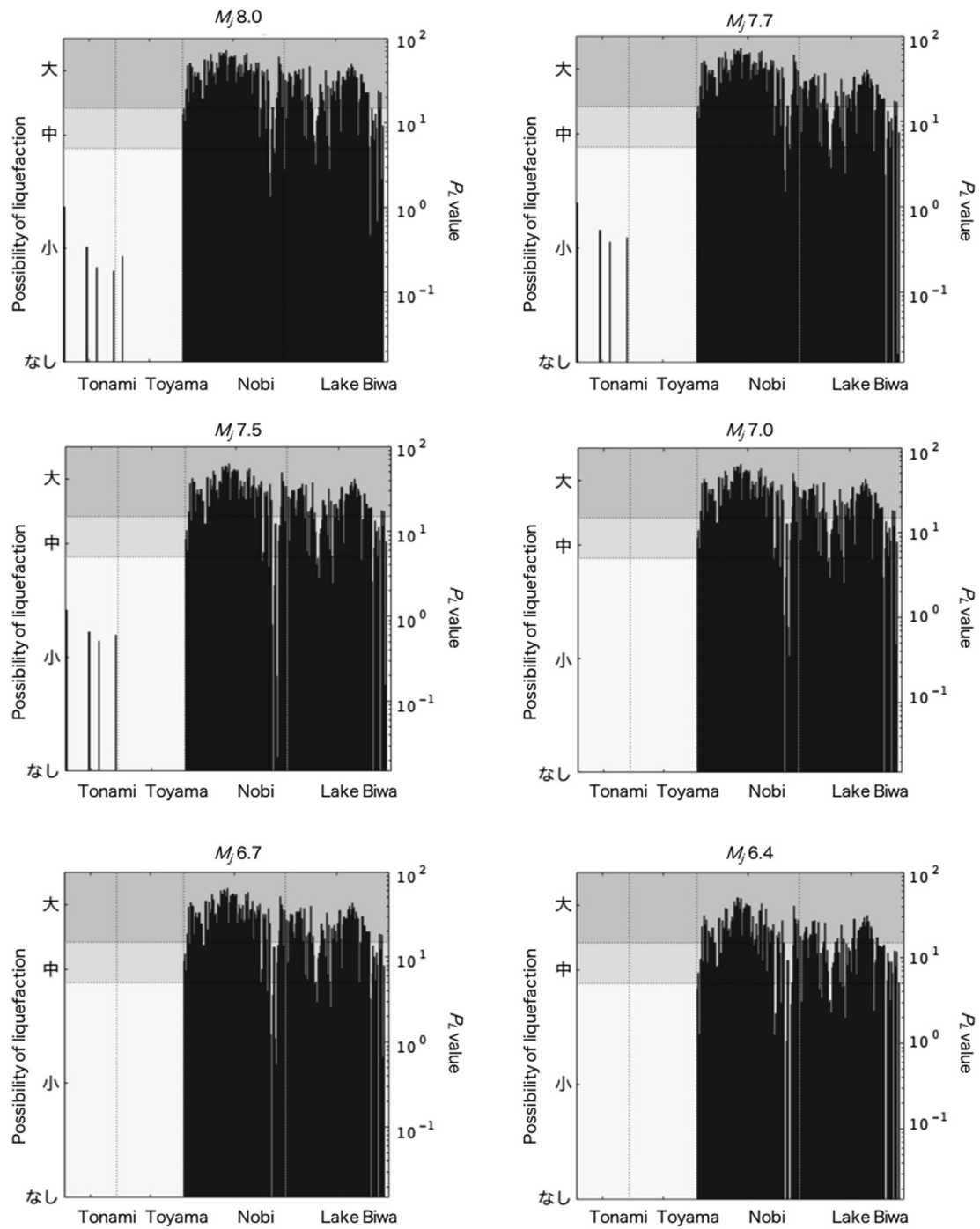
Fig. S4. P_L values and the possibilities of liquefaction for hypothetical source fault along the Yoro-Kuwana-Yokkaichi faults (M_j 8.0) with magnitude of the earthquake. Tonami, Toyama, Nobi and Lake Biwa are shown in Fig. 1. "大", "中", "小" and "なし" are the same as in Table 3.