Fig.A1.1
rgraph3
$n=307 \quad t=453.00 \quad t c=7.29 \quad t 0=0.100$
1995 Off Itrup MJ7.9 Mc4.0


Fig.A1.2
rgraph3
$n=106 \quad t=453.00 \quad t c=303.72 \quad t 0=0.100$
1995 Off Itrup MJ7.9 Mc4.5


T I M E


Fig.A1.3
rgraph3
$n=62 \quad t=67.00 \quad t c=7.20 \quad t 0=0.030$
1995 Off Itrup MJ7.9 Mc4.5


Fig.A1.4
rgraph3
$n=40 \quad t=453.00 \quad t c=453.00 \quad t 0=0.100$
1995 Off Itrup MJ7.9 Mc5.0


Fig.A2.1
rgraph3

$$
n=370 \quad t=878.00 \quad t c=878.00 \quad t 0=0.050
$$

94 Hokkaido-Toho-Oki Aftershocks MO 8.1, Mc 4.5


Fig.A2.2
rgraph3
$n=119 \quad t=878.00 \quad t c=878.00 \quad t 0=0.010$
94 Hokkaido-Toho-Oki Aftershocks MO 8.1, Mc 5.0


Fig.A2.3


Fig.A2.4
rgraph3
$n=16 \quad t=878.00 \quad t c=878.00 \quad t 0=0.050$
94 Hokkaido-Toho-Oki Aftershocks MO 8.1, Mc 6.0


Fig.A3.1


Fig.A3.2
rgraph3
$n=56 \quad t=63.00 \quad t c=29.26$
94 Kuril Swarm MO 6.9, Mc 4.0


Fig.A3.3


Fig.A4.1
rgraph3

$$
n=144 \quad t=350.00 \quad t c=350.00 \quad t 0=0.200
$$

93 Kushiro Aftershocks MO 7.8, Mc 3.0


Fig.A4.2


Fig.A4.3


Fig.A5.1
rgraph3
$n=72 \quad t=1646.00 \quad t c=12.58 \quad t 0=0.020$
90APL Hokkaido-Toho-Oki Aftershocks MO 6.0, Mc 0.0


Fig.A5.2
rgraph3
$\mathrm{n}=32 \quad \mathrm{t}=1646.00 \quad \mathrm{tc}=10.79 \quad \mathrm{t} 0=0.020$
90APL Hokkaido-Toho-Oki Aftershocks MO 6.0, Mc 3.6


Fig.A5.3
rgraph3
$n=20 \quad t=1646.00 \quad t c=10.79 \quad t 0=0.020$
90APL Hokkaido-Toho-Oki Aftershocks MO 6.0, Mc 3.8


Fig.A5.4
rgraph3
$n=14 \quad t=1646.00 \quad t c=1.59 \quad t 0=0.020$
90APL Hokkaido-Toho-Oki Aftershocks MO 6.0, Mc 4.0


Fig.A6.1
rgraph3

$$
n=246 \quad t=365.00 \quad t c=365.00 \quad t 0=0.030
$$

82 Off coast of Urakawa Aftershocks MO 7.1, Mc 3.3


Fig.A6.2
rgraph3
$n=138 \quad t=365.00 \quad t c=365.00 \quad t 0=0.030$
1982 Off coast of Urakawa Aftershocks MO 7.1, Mc 3.6


Fig.A6.3
rgraph3
$n=64 \quad t=365.00 \quad t c=365.00 \quad t 0=0.030$
82 Off coast of Urakawa Aftershocks MO 7.1, Mc 4.0


Fig.A6.4
rgraph3

$$
\mathrm{n}=48 \quad \mathrm{t}=365.00 \quad \mathrm{tc}=365.00 \quad \mathrm{t} 0=0.030
$$

1982 Off coast of Urakawa Aftershocks MO 7.1, Mc 4.2


Fig.A7.1
rgraph3
$n=132 \quad t=712.00 \quad t c=467.18 \quad t 0=0.300$
73 Off coast of Nemuro Aftershocks MO 7.4, Mc 4.0


Fig.A7.2
rgraph3
$n=119 \quad t=712.00 \quad t c=467.18 \quad t 0=0.300$
73 Off coast of Nemuro Aftershocks MO 7.4, Mc 4.5


Fig.A7.3
rgraph3
$n=119 \quad t=712.00 \quad t c=169.90 \quad t 0=0.300$
73 Off coast of Nemuro Aftershocks MO 7.4, Mc 4.5



Fig.A7.4
rgraph3
$n=86 \quad t=712.00 \quad t c=167.81 \quad t 0=0.300$
73 Off coast of Nemuro Aftershocks MO 7.4, Mc 4.8


Fig.A7.5
rgraph3
$\mathrm{n}=41 \quad \mathrm{t}=712.00 \quad \mathrm{tc}=712.00 \quad \mathrm{t} 0=0.300$
73 Off coast of Nemuro Aftershocks MO 7.4, Mc 5.2


Fig.A8.1


Fig.A8.2
rgraph3
$n=88 \quad t=1031.00 \quad t c=1031.00 \quad t 0=0.500$
52 Tokachi Aftershocks MO 8.2, Mc 5.0


Fig.A8.3


Fig.A8.4
rgraph3
$n=16 \quad t=1031.00 \quad t c=1031.00 \quad t 0=0.500$
52 Tokachi Aftershocks MO 8.2 MC 6.0
CUMULATIVE NUMBER OF EARTHQUAKES


| (b) |
| :--- |
| u |
| K 2.15100 |
| C $8.08230 \mathrm{e}-6$ |
| a 16.32900 |
| P 1.05320 |
| $\quad 99.05$ |



Fig.A9.1
rgraph3
$n=287 \quad t=96.00 \quad t c=96.00 \quad t 0=0.040$
1932 Niikap Aftershocks MO 7.0, Mc 3.5 (unfelt)


Fig.A9.2
rgraph3
$n=46 \quad t=96.00 \quad t c=49.60 \quad t 0=0.040$
1932 Niikap Aftershocks MO 7.0, Mc 4.3 (felt)


Fig.A9.3
rgraph3
$n=26 \quad t=96.00 \quad t c=39.00 \quad t 0=0.040$
1932 Niikap Aftershocks MO 7.0, Mc 4.5


Fig.A10.1


Fig.A10. 2


Fig.A10.3
rgraph3
$\mathrm{n}=43 \quad \mathrm{t}=200.00 \quad \mathrm{tc}=200.00$
1996 Onikobe Aftershocks M05.9, Mc 3.5


Fig.A10.4
rgraph3
$n=17 \quad t=200.00 \quad t c=3.19$
1996 Onikobe Aftershocks M05.9, Mc 3.8


Fig.A10.5


Fig.A11.1
rgraph3
$\mathrm{n}=145 \quad \mathrm{t}=794.00 \quad \mathrm{tc}=794.00 \quad \mathrm{t} 0=0.020$
1994 Sanriku-Haruka-Oki East Area MO 7.5, Mc 4.0


Fig.A11.2
rgraph3
$n=53 \quad t=794.00 \quad t c=794.00 \quad t 0=0.010$
1994 Sanriku-Haruka-Oki East Area MO 7.5, Mc 4.5


Fig.A11.3
rgraph3
$n=28 \quad t=794.00 \quad t c=794.00 \quad t 0=0.010$
1994 Sanriku-Haruka-Oki East Area MO 7.5, Mc 5.0


Fig.A11.4
rgraph3
$n=16 \quad t=794.00 \quad t c=794.00 \quad t 0=0.010$
1994 Sanriku-Haruka-Oki East Area MO 7.5, Mc 5.4


Fig.A11.5
rgraph3

$$
n=73 \quad t=9.40 \quad t c=9.40 \quad t 0=0.025
$$

94 Sanriku-Oki Aftershocks till M1; MO 7.5, Mc 4.0


Fig.A11. 6
rgraph3
$\mathrm{n}=29 \quad \mathrm{t}=9.40 \quad \mathrm{tc}=0.44 \quad \mathrm{t} 0=0.015$
94 Sanriku-Oki Aftershocks till M1; MO 7.5, Mc 4.5


Fig.A11.7
rgraph3
$n=16 \quad t=9.40 \quad t c=0.44 \quad t 0=0.001$
94 Sanriku-Oki Aftershocks till M1; MO 7.5, Mc 4.9


Fig.A12.1
rgraph3

$$
n=700 \quad t=782.00 \quad t c=782.00 \quad t 0=0.100
$$

94 West part of Sanriku-Oki Aftershocks MO 7.2, Mc 3.0



Fig.A12.2
rgraph3

$$
\mathrm{n}=203 \quad \mathrm{t}=782.00 \quad \mathrm{tc}=782.00 \quad \mathrm{t} 0=0.050
$$

94 West part of Sanriku-Oki Aftershocks MO 7.2, Mc 3.5


Fig.A12.3
rgraph3
$n=60 \quad t=782.00 \quad t c=782.00 \quad t 0=0.030$
94 West part of Sanriku-Oki Aftershocks MO 7.2, Mc 4.0


Fig.A12.4
rgraph3
$\mathrm{n}=19 \quad \mathrm{t}=782.00 \quad \mathrm{tc}=782.00 \quad \mathrm{tO}=0.030$
94 West part of Sanriku-Oki Aftershocks MO 7.2, Mc 4.5


Fig.A13.1
rgraph3
$\mathrm{n}=50 \quad \mathrm{t}=263.00 \quad \mathrm{tc}=263.00 \quad \mathrm{t} 0=0.020$
1994 Sanriku-Oki (April) MO 6.6 Mc3.5


Fig.A13.2
rgraph3
$\mathrm{n}=17 \quad \mathrm{t}=263.00 \quad \mathrm{tc}=263.00 \quad \mathrm{t} 0=0.020$
1994 Sanriku-Oki (April) MO 6.6, Mc 4.0


Fig.A14.1
rgraph3


Fig.A14.2
rgraph3
$\mathrm{n}=90 \quad \mathrm{t}=730.00 \quad \mathrm{tc}=34.24 \quad \mathrm{t} 0=0.800$

1992 Sanriku (Dec.) swarm MO 5.9, Mc 3.5


Fig.A14.3
rgraph3
$n=30 \quad t=730.00 \quad t c=25.16 \quad t 0=0.800$

1992 Sanriku (Dec.) swarm MO 5.9, Mc 3.9


Fig.A14.4


Fig.A15.1


Fig.A15.2
rgraph3

$$
n=141 \quad t=890.00 \quad t c=312.01 \quad t 0=0.100
$$

92 Jul. Sanriku-Oki earthquake MO 6.9, Mc3.7


Fig.A15.3
rgraph3
$\mathrm{n}=111 \mathrm{t}=890.00 \quad \mathrm{tc}=890.00 \quad \mathrm{t} 0=0.100$
92 Jul. Sanriku-Oki earthquake MO 6.9, Mc3.8





Fig.A15.4
rgraph3
$\mathrm{n}=78 \quad \mathrm{t}=890.00 \quad \mathrm{tc}=890.00 \quad \mathrm{t} 0=0.100$
1992 Jul. Sanriku-Oki aftershocks MO 6.9, Mc4.0


Fig.A15.5


Fig.A15.6
rgraph3
$\mathrm{n}=36 \quad \mathrm{t}=890.00 \quad \mathrm{tc}=890.00 \quad \mathrm{t} 0=0.010$
1992 Jul. Sanriku-Oki aftershocks MO 6.9, Mc5.0


Fig.A16.1
rgraph3
$n=126 \quad t=334.00 \quad t c=334.00 \quad t 0=0.100$
89 Iwate-Ken-Oki aftershocks MO 7.1, Mc 4.0


Fig.A16.2


Fig.A16.3
rgraph3

$$
n=32 \quad t=334.00 \quad t c=334.00 \quad t 0=0.100
$$

89 Iwate-Ken-Oki aftershocks MO 7.1, Mc 5.0


Fig.A17.1
rgraph3
$n=316 \quad t=1086.00 \quad t c=1086.00 \quad t 0=0.005$
1987 Iwate-Ken-North Aftershocks MO 6.6, Mc 0.0


Fig.A17. 2
rgraph3
$n=18 \quad t=1086.00 \quad t c=1086.00 \quad t 0=0.005$
1987 Iwate-Ken-North Aftershocks MO 6.6, Mc 3.0


Fig.A18.1
rgraph3
$n=88 \quad t=1070.00 \quad t c=1070.00 \quad t 0=0.100$
1981 Miyagi-Ken-Oki Aftershocks MO 7.0, Mc 0.0


Fig.A18.2
rgraph3
$n=69 \quad t=1070.00 \quad t c=1070.00 \quad t 0=0.100$
1981 Miyagi-Ken-Oki Aftershocks MO 7.0, Mc 3.6


Fig.A18.3


Fig.A18.4


Fig.A19.1
rgraph3
$\mathrm{n}=194 \quad \mathrm{t}=567.00 \quad \mathrm{tc}=567.00 \quad \mathrm{t} 0=0.050$
78 Off coast of Miyagi Pref. Aftershocks MO 7.4, Mc 3.4


Fig.A19.2
rgraph3
$n=67 \quad t=567.00 \quad t c=567.00 \quad t 0=0.050$
78 Off coast of Miyagi Pref. Aftershocks MO 7.4, Mc 4.0


Fig.A19.3
rgraph3
$n=50 \quad t=567.00 \quad t c=567.00 \quad t 0=0.050$

78 Off coast of Miyagi Pref. Aftershocks MC 4.2


Fig.A19.4
rgraph3
$\mathrm{n}=32 \quad \mathrm{t}=567.00 \quad \mathrm{tc}=32.12 \quad \mathrm{t} 0=0.050$
78 Off coast of Miyagi Pref. Aftershocks MO 7.4, Mc 4.5


Fig.A19.5
rgraph3
$n=16 \quad t=567.00 \quad t c=9.15 \quad t 0=0.050$
78 Off coast of Miyagi Pref. Aftershocks MO 7.4, Mc 4.9


Fig.A20.1
rgraph3
$n=48 \quad t=106.00 \quad t c=106.00 \quad t 0=0.005$
78 Off coast of Ojika Pen. Aftershocks MO 6.7, Mc 3.0



T I M E


Fig.A20. 2
rgraph3
$n=35 \quad t=112.00 \quad t c=112.00 \quad t 0=0.005$
78 Off coast of Ojika Pen. Aftershocks MO 6.7, Mc 3.3


Fig.A20.3
rgraph3
$n=23 \quad t=106.00 \quad t c=106.00 \quad t 0=0.005$
78 Off coast of Ojika Pen. Aftershocks M6.7, Mc 3.5


Fig.A20.4


Fig.A21.1
rgraph3
$\mathrm{n}=181 \quad \mathrm{t}=27.54 \quad \mathrm{tc}=27.54 \quad \mathrm{tO}=0.150$
1968 Tokachi aftershocks till M2 event MO 7.9, Mc 0.0


Fig.A21.2
rgraph3
$n=158 \quad t=27.54 \quad t c=27.54 \quad t 0=0.150$

1968 Tokachi aftershocks till M2 event MO 7.9, Mc 4.5


T।ME



TRANSFORMED TIME

Fig.A21.3
rgraph3
$\mathrm{n}=87 \quad \mathrm{t}=27.54 \quad \mathrm{tc}=27.54 \quad \mathrm{t} 0=0.150$
1968 Tokachi aftershocks till M2 event MO 7.9, Mc 5.0


Fig.A21.4
rgraph3
$n=30 \quad t=27.54 \quad t c=27.54 \quad t 0=0.150$
1968 Tokachi aftershocks till M2 event MO 7.9, Mc 5.5


Fig.A21.5


Fig.A21. 6
rgraph3
$\mathrm{n}=142 \quad \mathrm{t}=959.00 \quad \mathrm{tc}=959.00 \quad \mathrm{t} 0=0.100$
1968 TokachiN aftershocks MO 7.9, Mc 5.0


Fig.A21.7
rgraph3
$\mathrm{n}=51 \quad \mathrm{t}=959.00 \quad \mathrm{tc}=959.00 \quad \mathrm{tO}=0.100$
1968 TokachiN aftershocks MO 7.9, Mc 5.5, LAT >= 40.


Fig.A21.8
rgraph3
$n=20 \quad t=959.00 \quad t c=959.00 \quad t 0=0.010$

1968 TokachiN aftershocks MO 7.9, Mc 5.9, LAT $>=40$.


Fig.A22.1
rgraph3

$$
n=128 \quad t=959.00 \quad t c=959.00 \quad t 0=34.520
$$

1968 TokachiS aftershocks MO 7.9, M1 7.2, Mc 4.5, LAT < 40.


Fig.A22.2
rgraph3

$$
n=60 \quad t=959.00 \quad t c=959.00 \quad t 0=34.520
$$

1968 TokachiS aftershocks MC 5.0, LAT < 40.


Fig.A22.3
rgraph3
$\mathrm{n}=27 \quad \mathrm{t}=959.00 \quad \mathrm{tc}=959.00 \quad \mathrm{t} 0=34.520$
1968 TokachiS aftershocks MO 7.9, M1 7.2, Mc 5.5, LAT < 40.


Fig.A22.3
rgraph3

$$
\mathrm{n}=27 \quad \mathrm{t}=959.00 \quad \mathrm{tc}=959.00 \quad \mathrm{t} 0=34.520
$$

1968 TokachiS aftershocks MO 7.9, M1 7.2, Mc 5.5, LAT < 40.


Fig.A23.1
rgraph3
$n=57 \quad t=989.00 \quad t c=110.83 \quad t 0=0.050$
1962 Miyagi-Ken-North Aftershocks MO 6.5, Mc 0.0


Fig.A23.2
rgraph3
$n=21 \quad t=989.00 \quad t c=989.00 \quad t 0=0.050$

1962 Miyagi-Ken-North Aftershocks MO 6.5, Mc 4.0


Fig.A24.1
rgraph3
$n=141 \quad t=1015.00 \quad t c=1015.00 \quad t 0=0.250$
1960 Iwate-Ken-Oki Aftershocks MO 7.2, Mc 0.0


Fig.A24.2
rgraph3

$$
n=88 \quad t=1015.00 \quad t c=1015.00 \quad t 0=0.250
$$

$$
1960 \text { Iwate-Ken-Oki Aftershocks MO 7.2, Mc } 4.4
$$



Fig.A24.3
rgraph3
$n=53 \quad t=1015.00 \quad t c=1015.00 \quad t 0=0.250$
1960 Iwate-Ken-Oki Aftershocks MO 7.2, Mc 4.9


Fig.A24.4
rgraph3
$n=29 \quad t=1015.00 \quad t c=1015.00 \quad t 0=0.050$
1960 Iwate-Ken-Oki Aftershocks MO 7.2, Mc 5.4


Fig.A25.1
rgraph3
$n=239 \quad t=1090.00 \quad t c=1090.00 \quad t 0=0.100$
1938 Nov Shioya-Oki Aftershocks MO 7.5, Mc 4.5



Fig.A25.2
rgraph3
$n=189 \quad t=1090.00 \quad t c=1090.00 \quad t 0=0.100$
1938 Nov Shioya-Oki Aftershocks MO 7.5, Mc 4.7


Fig.A25.3


Fig.A25.4
rgraph3

$$
n=65 \quad t=1090.00 \quad t c=1090.00 \quad t 0=2.000
$$

1938 Nov Shioya-Oki Aftershocks MO 7.5, Mc 5.5


Fig.A26.1
rgraph3
$n=137 \quad t=730.00 \quad t c=29.94 \quad t 0=0.10$
33 Sanriku-Oki Aftershocks MJ 8.1 Mc 0.0


Fig.A26.2
rgraph3
$n=88 \quad t=730.00 \quad t c=79.07 \quad t 0=0.100$
33 Sanriku-Oki Aftershocks MJ 8.1, Mc 5.0


Fig.A26.3
rgraph3
$n=51 \quad t=730.00 \quad t c=730.00 \quad t 0=0.100$
33 Sanriku-Oki Aftershocks MJ 8.1 Mc 5.5


Fig.A26.4
rgraph3
$n=28 \quad t=730.00 \quad t c=29.94 \quad t 0=0.100$
33 Sanriku-Oki Aftershocks MJ 8.1 Mc 5.8


Fig.A26.5
rgraph3
$\mathrm{n}=19 \quad \mathrm{t}=730.00 \quad \mathrm{tc}=202.68 \quad \mathrm{t} 0=0.100$
33 Sanriku-Oki Aftershocks MJ 8.1 Mc 6.0


Fig.A26.6
rgraph3
$n=10 \quad t=730.00 \quad t c=140.24 \quad t 0=0.010$
33 Sanriku-Oki Aftershocks MJ 8.1 Mc 6.2


Fig.A27.1
rgraph3
$\mathrm{n}=279 \quad \mathrm{t}=485.00 \quad \mathrm{tc}=232.14 \quad \mathrm{t} 0=0.030$
1931 Oguni Aftershocks MO 6.5, Mc 2.5 (unfelt)


Fig.A27. 2
rgraph3
$n=66 \quad t=485.00 \quad t c=48.99 \quad t 0=0.030$
1931 Oguni Aftershocks MO 6.5, Mc 3.3 (felt)


Fig.A27.3


Fig.A27. 4
rgraph3
$n=18 \quad t=485.00 \quad t c=485.00 \quad t 0=0.030$
1931 Oguni Aftershocks MO 6.5, Mc 4.0


Fig.A28.1
rgraph3
$n=40 \quad t=651.00 \quad t c=651.00 \quad t 0=0.900$
1928 Iwate-Ken-Oki Aftershocks MO 7.0, Mc 0.0


Fig.A28.2
rgraph3


Fig.A28.3


Fig.A28. 4


Fig.A29.1


Fig.A29.2
rgraph3
$n=79 \quad t=702.00 \quad t c=702.00 \quad t 0=0.010$
95Niigata Aftershocks MO 5.5, Mc 3.0


Fig.A29.3


Fig.A29.4


Fig.A30.1
rgraph3
$\mathrm{n}=217 \quad \mathrm{t}=448.00 \quad \mathrm{tc}=12.23 \quad \mathrm{t} 0=0.018$
94 Hokkaido-Nansei-Oki Aftershocks MO 7.8, Mc 4.0


Fig.A30.2
rgraph3
$\mathrm{n}=67 \quad \mathrm{t}=448.00 \quad \mathrm{tc}=448.00 \quad \mathrm{t} 0=0.018$
94 Hokkaido-Nansei-Oki Aftershocks MO 7.8, MC 4.5


Fig.A30.3


Fig.A30. 4


Fig.A30.5


Fig.A30.6

| rgraph3 |  |
| :--- | :--- | :--- |
| $\mathrm{n}=60$ | $\mathrm{t}=26.25 \quad \mathrm{tc}=12.23 \quad \mathrm{t} 0=0.018$ |

94 Hokkaido-Nansei-Oki Aftershocks MO 7.8, MC 4.5


Fig.A30.7


Fig.A31.1
rgraph3
$n=238 \quad t=1482.00 \quad t c=19.13 \quad t 0=0.03$
93Noto Aftershocks MO 6.6, Mc 3.0



Fig.A31.4

Fig.A32.1
rgraph3
$\mathrm{n}=399 \quad \mathrm{t}=3141.00 \quad \mathrm{tc}=3141.00 \quad \mathrm{t} 0=0.060$
1983 Akita-Oki Aftershocks MO 7.7, Mc 4.0


Fig.A32. 2
rgraph3
$n=115 \quad t=3141.00 \quad t c=3141.00 \quad t 0=0.100$
1983 Akita-Oki Aftershocks M7.7, Mc 4.5


Fig.A32.3
rgraph3
$\mathrm{n}=64 \quad \mathrm{t}=3141.00 \quad \mathrm{tc}=921.18 \quad \mathrm{t} 0=0.100$
1983 Akita-Oki Aftershocks MO 7.7, Mc 5.0


Fig.A32.4
rgraph3
$\mathrm{n}=15 \quad \mathrm{t}=3141.00 \quad \mathrm{tc}=27.07$
1983 Akita-Oki Aftershocks MO 7.7, Mc 5.3


Fig.A32.5


Fig.A32. 6


Fig.A32.7
rgraph3
$\mathrm{n}=36 \quad \mathrm{t}=26.14 \quad \mathrm{tc}=26.14 \quad \mathrm{t} 0=0.030$
1983 Akita-Oki Aftershocks MO 7.7, Mc 5.0


Fig.A33.1
rgraph3

$$
n=236 \quad t=198.00 \quad t c=198.00 \quad t 0=0.050
$$

64 Nigata Aftershocks MO 7.5, felt shocks (Mc 3.5)


Fig.A33.2
rgraph3
$n=96 \quad t=198.00 \quad t c=198.00 \quad t 0=0.100$
64 Nigata Aftershocks MO 7.5, Mc 4.0


Fig.A33.3
rgraph3
$n=50 \quad t=198.00 \quad t c=198.00 \quad t 0=0.050$
64 Nigata Aftershocks MO 7.5, Mc 4.5


Fig.A33.4
rgraph3
$n=22 \quad t=198.00 \quad t c=198.00 \quad t 0=0.020$
64 Nigata Aftershocks MO 7.5, Mc 5.0


Fig.A34.1
rgraph3
$n=375 \quad t=40.00 \quad t c=40.00 \quad t 0=0.030$

1964 Oga-Peninsula aftershocks MO 6.9, Unfelt. (Mc 2.5)


Fig.A34. 2
(b)

K 29.01200
C $2.20590 \mathrm{e}-1$
a 3.15220
P 1.61000
-686.73


Fig.A35.1
rgraph3


Fig.A35.2
rgraph3
$\mathrm{n}=35 \quad \mathrm{t}=1006.00 \quad \mathrm{tc}=1006.00 \quad \mathrm{t} 0=0.050$
1939 Oga-Peninsula-Oki Aftershocks MO 6.8, Mc 4.1


Fig.A36.1
rgraph3
$n=152 \quad t=637.00 \quad t c=637.00 \quad t 0=0.050$
1990 Chiba-Ken-North Aftershocks MO 6.0, Mc 2.0



Fig.A36. 2
rgraph3
$n=65 \quad t=637.00 \quad t c=637.00 \quad t 0=0.050$
1990 Chiba-Ken-North Aftershocks MO 6.0, Mc 2.5


Fig.A36. 3


Fig.A37.1
rgraph3
$n=118 \quad t=240.00 \quad t c=71.35 \quad t 0=0.050$
1989 Chiba-Ken-North Aftershocks MO 6.0, Mc 2.0


Fig.A37. 2
rgraph3
$n=51 \quad t=240.00 \quad t c=71.35 \quad t 0=0.050$

1989 Chiba-Ken-North Aftershocks MO 6.0, Mc 2.5


Fig.A37. 3
rgraph3
$\mathrm{n}=26 \quad \mathrm{t}=240.00 \quad \mathrm{tc}=240.00 \quad \mathrm{t} 0=0.050$
1989 Chiba-Ken-North Aftershocks MO 6.0, Mc 3.0


Fig.A37. 4
rgraph3
$\mathrm{n}=16 \quad \mathrm{t}=451.00 \quad \mathrm{tc}=39.73 \quad \mathrm{tO}=0.050$
1989 Chiba-Ken-North Aftershocks MO 6.0, Mc 3.5


Fig.A38.1
rgraph3

$$
n=430 \quad t=981.00 \quad t c=68.22 \quad t 0=0.500
$$

87 Chiba_Ken-Toho-Oki Aftershocks MO 6.7, Mc 2.5


Fig.A38.2


Fig.A38.3


Fig.A38. 4


Fig.A39.1
rgraph3

$$
n=68 \quad t=366.00 \quad t c=366.00 \quad t 0=0.010
$$

83 Kanagawa/Yamanashi Boader Aftershocks MO 6.0, Mc 2.5


Fig.A39.2
rgraph3

$$
n=54 \quad t=366.00 \quad t c=225.80 \quad t 0=0.010
$$

83 Kanagawa/Yamanashi Boader Aftershocks MO 6.0, Mc 2.7


Fig.A39.3
rgraph3

$$
n=30 \quad t=366.00 \quad t c=225.80 \quad t 0=0.010
$$

83 Kanagawa/Yamanashi Boader Aftershocks MO 6.0, Mc 3.0


Fig.A40.1


Fig.A40.2
rgraph3
$n=80 \quad t=922.00 \quad t c=412.40 \quad t 0=0.030$
1982 Ibaragi-Ken-Oki Aftershocks MO 7.0, Mc 3.7


Fig.A40.3


Fig.A41.1
rgraph3

$$
n=353 \quad t=230.00 \quad t c=230.00 \quad t 0=0.030
$$

Off Hachijo island (December) Aftershocks MO 7.2, Mc 3.6


Fig.A41.2
rgraph3
$\mathrm{n}=102 \quad \mathrm{t}=230.00 \quad \mathrm{tc}=230.00 \quad \mathrm{t} 0=0.030$
Off Hachijo island Aftershocks (December), MO 7.2, Mc 4.0


Fig.A41.3
rgraph3

$$
\mathrm{n}=68 \quad \mathrm{t}=391.00 \quad \mathrm{tc}=391.00 \quad \mathrm{t} 0=0.010
$$

Off Hachijo island (December) Aftershocks MO 7.2, Mc 4.5


Fig.A42.1
rgraph3

$$
n=270 \quad t=279.04 \quad t c=163.71 \quad t 0=0.070
$$

Off Hachijo island Aftershocks (February) MO 7.1, Mc 3.6


Fig.A42.2
rgraph3

$$
n=121 \quad t=279.04 \quad t c=163.71 \quad t 0=0.070
$$

Off Hachijo island Aftershocks MO 7.1, Mc 4.0


Fig.A42.3
rgraph3

$$
\mathrm{n}=39 \quad \mathrm{t}=279.00 \quad \mathrm{tc}=142.65 \quad \mathrm{t} 0=0.500
$$

Off Hachijo island Aftershocks (February) MO 7.1, Mc 4.6 JMA


Fig.A43.1


Fig.A43.2
rgraph3
$\mathrm{n}=42 \quad \mathrm{t}=980.00 \quad \mathrm{tc}=980.00 \quad \mathrm{t} 0=0.250$
1953 Boso-Oki Aftershocks MO 7.4, Mc 5.0


Fig.A43.3


Fig.A44.1
rgraph3
$\mathrm{n}=147 \quad \mathrm{t}=370.00 \quad \mathrm{tc}=370.00 \quad \mathrm{t} 0=0.020$
1949 Imaichi Aftershocks MO 6.4, Felt shocks (Mc 3.5)


Fig.A44. 2
rgraph3
$n=31 \quad t=370.00 \quad t c=370.00 \quad t 0=0.020$
1949 Imaichi Aftershocks MO 6.4, Mc 4.2


Fig.A45.1


Fig.A45.2
rgraph3
$n=29 \quad t=166.00 \quad t c=166.00 \quad t 0=0.070$
1938 Nov Ibaragi-Ken-Oki Aftershocks MO 7.0, Mc 4.1


Fig.A46.1


Fig.A46.2
rgraph3
$\mathrm{n}=65 \quad \mathrm{t}=1063.00 \quad \mathrm{tc}=1063.00 \quad \mathrm{t} 0=0.050$
1931 Saitama-Ken-West Aftershocks MO 6.9 Mc 3.0


Fig.A46.3


Fig.A46.4


Fig.A46.5


Fig.A47.1
rgraph3

$$
n=106 \quad t=2665.00 \quad t c=2665.00 \quad t 0=0.010
$$

84 Nagano-Ken Seibu Aftershocks MO 6.8, Mc 3.5


Fig.A47. 2
rgraph3
$n=34 \quad t=2665.00 \quad t c=2665.00 \quad t 0=0.010$
84 Nagano-Ken Seibu Aftershocks M6.8, Mc 4.0


Fig.A47. 3
rgraph3

$$
n=13 \quad t=2665.00 \quad t c=2665.00 \quad t 0=0.005
$$

84 Nagano-Ken Seibu Aftershocks M6.8, Mc 4.5


Fig.A48.1
rgraph3

$$
n=174 \quad t=2170.00 \quad t c=614.79 \quad t 0=0.100
$$

78Nagano-Seibu Swarm MO 5.3, Mc 2.5


Fig.A48.2
rgraph3

$$
n=69 \quad t=2170.00 \quad t c=286.58 \quad t 0=0.100
$$

78Nagano-Seibu Swarm MO 5.3, Mc 3.0


Fig.A48.3
rgraph3
$n=19 \quad t=2170.00 \quad t c=2170.00 \quad t 0=0.100$
78Nagano-Seibu Swarm MO 5.3, Mc 3.5


Fig.A49.1
rgraph3
$n=47 \quad t=964.00 \quad t c=964.00 \quad t 0=0.010$

1968 Gifu-Ken-Chubu Aftershocks MO 6.6, Mc 0.0


Fig.A49. 2


Fig.A50.1


Fig.A51.1
rgraph3

$$
\mathrm{n}=58 \quad \mathrm{t}=705.00 \quad \mathrm{tc}=705.00 \quad \mathrm{t} 0=0.030
$$

1961 Kitamino-Zisin Aftershocks MO 7.0, Mc 0.0


Fig.A52.1
rgraph3
$n=89 \quad t=3450.00 \quad t c=463.63 \quad t 0=0.050$
1952 Daijoji-Oki MO 6.5, Mc 0.0


Fig.A52.2
rgraph3

$$
n=28 \quad t=3450.00 \quad t c=1164.81 \quad t 0=0.050
$$

1952 Daijoji-Oki MO 6.5, Mc4.2


Fig.A52.3
rgraph3
$n=16 \quad t=3450.00 \quad t c=1164.81 \quad t 0=0.050$
1952 Daijoji-Oki MO 6.5, Mc4.5


Fig.A52.4
rgraph3
$n=71 \quad t=298.00 \quad t c=77.83 \quad t 0=0.050$
1952 Daijoji-Oki MO 6.5, Felt (Mc3.7) 1st stage


Fig.A52.5


Fig.A52.6
rgraph3
$n=23 \quad t=298.00 \quad t c=298.00 \quad t 0=0.050$
1952 Daijoji-Oki MO 6.5, Mc 4.2


Fig.A53.1
rgraph3

$$
n=123 \quad t=551.00 \quad t c=551.00 \quad t 0=0.020
$$

1948 Fukui aftershocks MO 7.1, Felt (Mc 3.5)


Fig.A53.2
rgraph3
$\mathrm{n}=48 \quad \mathrm{t}=551.00 \quad \mathrm{tc}=551.00 \quad \mathrm{t} 0=0.020$
1948 Fukui aftershocks MO 7.1, Mc 4.0


Fig.A53.3
rgraph3
$n=21 \quad t=551.00 \quad t c=47.15 \quad t 0=0.020$
1948 Fukui aftershocks MO 7.1, Mc 4.5


Fig.A53.4
rgraph3
$n=140 \quad t=1348.00 \quad t c=1348.00 \quad t 0=0.020$
1948 Fukui to 52 Daijoji aftershocks MO 7.1, Mc 3.5


Fig.A53.5
rgraph3

$$
n=55 \quad t=1348.00 \quad t c=1348.00 \quad t 0=0.020
$$

1948 Fukui to 52 Daijoji aftershocks MO 7.1, Mc 4.0


Fig.A53.6
rgraph3
$\mathrm{n}=21 \quad \mathrm{t}=1348.00 \quad \mathrm{tc}=47.15 \quad \mathrm{t} 0=0.020$
1948 Fukui to 52 Daijoji aftershocks MO 7.1, Mc 4.5


Fig.A53.7
rgraph3
$n=160 \quad t=4795.00 \quad t c=4795.00 \quad t 0=0.050$
1948 Fukui aftershocks till Kitamino Eq. MO 7.1, Mc 0.0


Fig.A53.8
rgraph3
$n=45 \quad t=4795.00 \quad t c=4795.00 \quad t 0=0.050$
1948 Fukui aftershocks till Kitamino Eq. MO 7.1, Mc 4.2


Fig.A53.9
rgraph3
$n=15 \quad t=4795.00 \quad t c=4795.00 \quad t 0=0.010$
1948 Fukui aftershocks till Kitamino Eq. MO 7.1, Mc 4.7


Fig.A54.1
rgraph3
$n=121 \quad t=819.00 \quad t c=714.70 \quad t 0=0.020$
41 Nagano aftershocks MO 6.1, Felt (Mc 3.0)


Fig.A54.2
rgraph3
$n=15 \quad t=819.00 \quad t c=305.85 \quad t 0=0.020$
41 Nagano aftershocks MC 3.1


Fig.A55.1
rgraph3

$$
n=541 \quad t=773.00 \quad t c=773.00 \quad t 0=0.020
$$

95Kobe Aftershocks MO 7.2, Mc 3.0


Fig.A55.2
rgraph3

$$
n=160 \quad t=773.00 \quad t c=773.00 \quad t 0=0.020
$$

95Kobe Aftershocks MO 7.2, Mc 3.5


Fig.A55.3


Fig.A55.4


Fig.A56.1
rgraph3
$n=133 \quad t=69.00 \quad t c=14.48 \quad t 0=0.060$
94Inagawa Swarm M4.0, Mc 2.0


Fig.A56.2
rgraph3
$\mathrm{n}=70 \quad \mathrm{t}=69.00 \quad \mathrm{tc}=16.81 \quad \mathrm{t} 0=0.060$

94Inagawa Swarm M4.0, Mc 2.3


Fig.A56.3
rgraph3
$n=43 \quad t=69.00 \quad t c=16.56 \quad t 0=0.060$
94Inagawa Swarm MO 4.0, Mc 2.5


Fig.A56.4
rgraph3
$\mathrm{n}=29 \quad \mathrm{t}=69.00 \quad \mathrm{tc}=12.90 \quad \mathrm{t} 0=0.060$

94Inagawa Swarm M4.0, Mc 2.6


Fig.A57.1
rgraph3

$$
\mathrm{n}=89 \quad \mathrm{t}=3197.00 \quad \mathrm{tc}=1392.54 \quad \mathrm{t} 0=0.025
$$

84 Yamasaki Fault Aftershocks MO 5.6, Mc 2.5


Fig.A57. 2
rgraph3

$$
n=77 \quad t=3197.00 \quad t c=3197.00 \quad t 0=0.03
$$

84 Yamasaki Fault Aftershocks MO 5.6, Mc 2.6


Fig.A57.3
rgraph3
$\mathrm{n}=42 \quad \mathrm{t}=3197.00 \quad \mathrm{tc}=3197.00 \quad \mathrm{t} 0=0.025$
84 Yamasaki Fault Aftershocks MO 5.6, Mc 3.0


Fig.A58.1


Fig.A58.2


Fig.A58.3
rgraph3
$\mathrm{n}=82 \quad \mathrm{t}=483.80 \quad \mathrm{tc}=362.20 \quad \mathrm{t} 0=0.250$
46 Nankaido Aftershocks MO 8.0, Mc 4.5


Fig.A58.4


Fig.A58.5


Fig.A58.6
rgraph3
$n=19 \quad t=483.80 \quad t c=483.80 \quad t 0=0.250$


Fig.A59.2
rgraph3
$n=191 \quad t=696.00 \quad t c=141.95 \quad t 0=0.050$
45 Mikawa Aftershocks MO 6.8, Mc 0.0 (Mc 4.0)


Fig.A59.3
rgraph3
$\mathrm{n}=72 \quad \mathrm{t}=696.00 \quad \mathrm{tc}=161.14 \quad \mathrm{t} 0=0.050$
45 Mikawa Aftershocks MO 6.8 MC 4.4


Fig.A59.4


Fig.A60.1
rgraph3
$n=174 \quad t=743.50 \quad t c=743.50 \quad t 0=0.100$
44 Tonankai Aftershocks MO 7.9, Mc 4.0


Fig.A60.2
rgraph3
$\mathrm{n}=57 \quad \mathrm{t}=743.50 \quad \mathrm{tc}=578.01 \quad \mathrm{t} 0=0.040$
44 Tonankai Aftershocks MO 7.9, Mc 4.5


Fig.A60.3


Fig.A60.4
rgraph3
$n=28 \quad t=743.50 \quad t c=743.50 \quad t 0=0.040$
44 Tonankai Aftershocks MO 7.9, Mc 5.0


Fig.A61.1
rgraph3

$$
\mathrm{n}=77 \quad \mathrm{t}=2000.00 \quad \mathrm{tc}=2000.00 \quad \mathrm{t} 0=0.040
$$

27Tango Aftershocks MO 7.3, Mc 3.0


Fig.A61.2
rgraph3
$\mathrm{n}=27 \quad \mathrm{t}=2100.00 \quad \mathrm{tc}=2100.00 \quad \mathrm{t} 0=0.040$
27Tango Aftershocks MO 6.8, Mc 4.5


Fig.A61.3
rgraph3
$n=30 \quad t=7224.00 \quad t c=7224.00 \quad t 0=0.040$
27Tango Aftershocks MO 7.3, Mc 4.5


Fig.A62.1
rgraph3
$n=228 \quad t=588.00 \quad t c=10.02 \quad t 0=0.030$
25Tajima Aftershocks MO 6.8, felt shocks (Mc 4.5)



Fig.A62.2
rgraph3

$$
n=10 \quad t=588.00 \quad t c=31.08 \quad t 0=0.030
$$

25Tajima Aftershocks MO 6.8, Mc 5.0


Fig.A63.1
rgraph3
$n=451 \quad t=25.00 \quad t c=25.00 \quad t 0=0.050$
97Yamaguchi Aftershocks, MO 6.1, Mc 2.1


Fig.A63.2
rgraph3
$n=190 \quad t=25.00 \quad t c=25.00 \quad t 0=0.010$
97Yamaguchi Aftershocks, MO 6.1, Mc 2.6


Fig.A63.3
rgraph3
$n=227 \quad t=705.00 \quad t c=527.72 \quad t 0=0.010$
97Yamaguchi/Shimane-Ken Border Aftershocks, MO 6.3, Mc 2.6


Fig.A63.4
rgraph3

$$
\mathrm{n}=227 \quad \mathrm{t}=705.00 \quad \mathrm{tc}=91.76 \quad \mathrm{t} 0=0.010
$$

97Yamaguchi/Shimane-Ken Border Aftershocks, MO 6.3, Mc 2.6


Fig.A63.5


Fig.A63.6
rgraph3

$$
n=70 \quad t=705.00 \quad t c=1.34 \quad t 0=0.010
$$

97Yamaguchi/Shimane-Ken Border Aftershocks, MO 6.3, Mc 3.0


Fig.A63.7
rgraph3
$n=26 \quad t=705.00 \quad t c=705.00 \quad t 0=0.010$
97Yamaguchi/Shimane-Ken Border Aftershocks, MO 6.3, Mc 3.4


Fig.A64.1
rgraph3
$n=970 \quad t=42.33 \quad t c=42.33 \quad t 0=0.100$
97Kagoshima Aftershocks part 2, MO 6.2, Mc 2.1


Fig.A64.2
rgraph3
$\mathrm{n}=298 \quad \mathrm{t}=42.33 \quad \mathrm{tc}=42.33 \quad \mathrm{t} 0=0.040$
97Kagoshima Aftershocks part 2, MO 6.2, Mc 2.5
(a)

CUMULATIVE NUMBER OF EARTHQUAKES




Fig.A64.4
rgraph3
$n=104 \quad t=748.00 \quad t c=748.00 \quad t 0=0.150$
97Kagoshima Secondary Aftershocks MO 6.2, Mc 2.8


Fig.A64.5
rgraph3
$n=48 \quad t=748.00 \quad t c=748.00 \quad t 0=0.010$
97Kagoshima Secondary Aftershocks MO 6.2, Mc 3.0


Fig.A64.6


Fig.A65.1


Fig.A65.2
rgraph3
$\mathrm{n}=197 \quad \mathrm{t}=47.88 \quad \mathrm{tc}=25.33 \quad \mathrm{t} 0=0.030$
97Kagoshima Aftershocks MO 6.5, Mc 3.0


Fig.A65.3
rgraph3
$\mathrm{n}=54 \quad \mathrm{t}=47.88 \quad \mathrm{tc}=14.47 \quad \mathrm{t} 0=0.030$
97Kagoshima Aftershocks MO 6.5, Mc 3.5


Fig.A66.1
rgraph3
$n=736 \quad t=499.00 \quad t c=499.00 \quad t 0=0.680$
1989 Amami-Oshima-Oki Aftershocks MO 6.6, Mc 3.5


Fig.A66. 2
rgraph3
$n=736 \quad t=499.00 \quad t c=6.66 \quad t 0=0.680$
1989 Amami-Oshima-Oki Aftershocks MO 6.6, Mc 3.5


Fig.A66.3


Fig.A66.4


Fig.A66.5


Fig.A67.1
rgraph3
$n=156 \quad t=1109.00 \quad t c=1109.00 \quad t 0=0.005$
1987 Miyazaki-Ken-Oki Aftershocks MO 6.6, Mc 2.5





TIME
TRANSFORMED TIME

Fig.A67. 2
rgraph3
$\mathrm{n}=63 \quad \mathrm{t}=1109.00 \quad \mathrm{tc}=1109.00 \quad \mathrm{t} 0=0.005$
1987 Miyazaki-Ken-Oki Aftershocks MO 6.6, Mc 2.9


Fig.A67.3
rgraph3

$$
n=20 \quad t=1109.00 \quad t c=1109.00 \quad t 0=0.00
$$

1987 Miyazaki-Ken-Oki Aftershocks MO 6.6, Mc 3.4


Fig.A68.1
rgraph3

$$
n=243 \quad t=2701.00 \quad t c=2701.00 \quad t 0=0.030
$$

1984 Miyazaki-Ken-Oki of MO 7.1, Mc 2.8


Fig.A68.2
rgraph3

$$
n=93 \quad t=2701.00 \quad t c=2701.00 \quad t 0=0.030
$$

1984 Miyazaki-Ken-Oki of MO 7.1, Mc 3.3


Fig.A68.3
rgraph3
$n=25 \quad t=2701.00 \quad t c=2701.00 \quad t 0=0.030$
1984 Miyazaki-Ken-Oki of MO 7.1, Mc 3.8


Fig.A69.1
rgraph3
$n=89 \quad t=60.00 \quad t c=10.38 \quad t 0=0.010$
1983 Tottori Aftershocks MO 6.2, Mc 2.3


Fig.A69.2
rgraph3
$\mathrm{n}=61 \quad \mathrm{t}=60.00 \quad \mathrm{tc}=10.19 \quad \mathrm{tO}=0.010$
1983 Tottori Aftershocks MO 6.2, Mc 2.5


Fig.A69.3
rgraph3
$\mathrm{n}=41 \quad \mathrm{t}=60.00 \quad \mathrm{tc}=39.62 \quad \mathrm{t} 0=0.010$
1983 Tottori Aftershocks MO 6.2, Mc 2.7


Fig.A69.4


Fig.A69.5
rgraph3
$\mathrm{n}=25 \quad \mathrm{t}=60.00 \quad \mathrm{tc}=60.00 \quad \mathrm{t} 0=0.010$
1983 Tottori Aftershocks MO 6.2, Mc 3.0


Fig.A70.1


Fig.A70. 2


Fig.A70.3
rgraph3
$n=31 \quad t=1070.00 \quad t c=6.38 \quad t 0=0.100$
1980 Okinawa-Ken-NW Aftershocks MO 6.7, Mc 4.2


Fig.A70. 4
rgraph3
$n=31 \quad t=1070.00 \quad t c=6.38 \quad t 0=0.100$
1980 Okinawa-Ken-NW Aftershocks MO 6.7, Mc 4.2


Fig.A70.5
rgraph3
$n=18 \quad t=1070.00 \quad t c=170.84 \quad t 0=0.100$
1980 Okinawa-Ken-NW Aftershocks MO 6.7, Mc 4.5


Fig.A70. 6


Fig.A71.1
rgraph3
$n=53 \quad t=880.00 \quad t c=880.00 \quad t 0=0.010$
1978 Shimane-Ken-Chubu Aftershocks MO 6.6, Mc 0.0


Fig.A71.2
rgraph3
$n=34 \quad t=880.00 \quad t c=880.00 \quad t 0=0.010$
1978 Shimane-Ken-Chubu Aftershocks MO 6.6, Mc 3.3


Fig.A71.3
rgraph3
$\mathrm{n}=17 \quad \mathrm{t}=880.00 \quad \mathrm{tc}=880.00 \quad \mathrm{t} 0=0.010$
1978 Shimane-Ken-Chubu Aftershocks MO 6.6, Mc 3.7


Fig.A71.3
rgraph3
$\mathrm{n}=17 \quad \mathrm{t}=880.00 \quad \mathrm{tc}=880.00 \quad \mathrm{t} 0=0.010$
1978 Shimane-Ken-Chubu Aftershocks MO 6.6, Mc 3.7


Fig.A72.1
rgraph3
$\mathrm{n}=25 \quad \mathrm{t}=961.00 \quad \mathrm{tc}=961.00 \quad \mathrm{t} 0=0.30$

1968 Ehime-Ken-West Aftershocks MO 6.6, Mc 3.5


Fig.A72.2
rgraph3
$\mathrm{n}=19 \quad \mathrm{t}=961.00 \quad \mathrm{tc}=961.00 \quad \mathrm{t} 0=0.500$
1968 Ehime-Ken-West Aftershocks MO 6.6, Mc 4.0


Fig.A73.1
rgraph3
$\mathrm{n}=63 \quad \mathrm{t}=947.00 \quad \mathrm{tc}=947.00 \quad \mathrm{t} 0=0.400$
1955 Tokushima-Ken-Nanbu Aftershocks MO 6.4, Mc 0.0


Fig.A73.2
rgraph3
$\mathrm{n}=18 \quad \mathrm{t}=947.00 \quad \mathrm{tc}=947.00 \quad \mathrm{t} 0=0.100$
1955 Tokushima-Ken-Nanbu Aftershocks MO 6.4, Mc 3.0


Fig.A74.1


Fig.A74.2
rgraph3

$$
\mathrm{n}=170 \quad \mathrm{t}=10.00 \quad \mathrm{tc}=2.42 \quad \mathrm{t} 0=0.200
$$

1943 Tottori Aftershocks MO 7.2, Mc 4.0 [0., 10.]days


Fig.A74. 3
rgraph3
$\mathrm{n}=73 \quad \mathrm{t}=1197.00 \quad \mathrm{tc}=208.23 \quad \mathrm{t} 0=0.200$
1943 Tottori Aftershocks MO 7.2, Mc 4.4


Fig.A74.4
rgraph3
$\mathrm{n}=40 \quad \mathrm{t}=1197.00 \quad \mathrm{tc}=208.23 \quad \mathrm{t} 0=0.200$

1943 Tottori Aftershocks MO 7.2, Mc 4.7


Fig.A74.5


Fig.A75.1
rgraph3

$$
n=561 \quad t=189.90 \quad t c=51.49 \quad t 0=0.400
$$

1943 East Tottori-Ken-Oki Aftershocks MO 6.2, Mc 3.0


Fig.A75.2
rgraph3

$$
n=27 \quad t=189.90 \quad t c=67.39 \quad t 0=0.450
$$

43 East Tottori-Ken-Oki Aftershocks MO 6.2, Mc 3.6


Fig.A75.2
rgraph3

$$
n=27 \quad t=189.90 \quad t c=67.39 \quad t 0=0.450
$$

43 East Tottori-Ken-Oki Aftershocks MO 6.2, Mc 3.6


