

# A modified multiscale semantic segmentation network accounting for multi-level seismic damage

## features of PC structure

### (Supporting Information)

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### ● The composition details of the PCEDI dataset:

Image usage details (The figure numbers are consistent with the corresponding references)	Total number of subimages	Reference No.
Figure 1*2; Figure 11*2; Figure 15*3; Figure16*2; Figure17*2; Figure18*2;	13	[1]
Figure4*2; Figure5*1; Figure9*1; Figure10*1; Figure11*1; Figure12*1; Figure13*1; Figure14*1; Figure15*1;	10	[2]
Figure7*7	7	[3]
Figure6*1; Figure8*8	9	[4]
Figure3-1*4; Figure3-2*1; Figure3-3*2; Figure3-4*4; Figure3-5*1; Figure3-6*3;	15	[5]
Figure5*5; Figure6*2;	7	[6]
Figure4*1; Figure5*1; Figure7*3;	5	[7]
Figure5*1; Figure7*4	5	[8]
Figure10*3; Figure12*3; Figure14*1;	7	[9]
Figure6*3; Figure7*4; Figure8*5;	12	[10]
Figure5*6; Figure6*6;	12	[11]
Figure4*1; Figure5*3;	4	[12]
Figure4*5; Figure5*3; Figure8*4;	12	[13]
Figure3*1; Figure4*4;	5	[14]
Figure3*4;	4	[15]
Figure3*3;	3	[16]
Figure4*2;	2	[17]
Figure2*4; Figure5*1; Figure7*2; Figure8*2;	9	[18]
Figure2*1; Figure3*1; Figure6*4;	6	[19]

Figure3*1; Figure8*13; Figure9*6;	20	[20]
Figure3*1; Figure8*2; Figure10*3; Figure19*1	7	[21]
Figure4.7*1; Figure4.8*1; Figure4.10*1; Figure4.13*1; Figure4.17*2;	9	[22]
Figure4.19*2; Figure4.31*1;		
Figure8*1; Figure10*2; Figure12*4; Figure14*3; Figure15*1;	22	[23]
Figure16*2; Figure17*1; Figure20*1; Figure23*1; Figure24*2;		
Figure28*2; Figure30*2;		
Figure5*1;	1	[24]
Figure1-1*1; Figure9-16*2;	3	[25]
Figure9-11*1	1	[26]
Figure8*1;	1	[27]
All test images were collected;	68	[28]
Figure9*4; Figure10*1; Figure11*1; Figure12*2; Figure13*2;	14	[29]
Figure14*2; Figure15*2;		
Figure6*1; Figure8*11;	12	[30]
Figure8*1;	1	[31]
Figure7*1; Figure8*1; Figure9*1; Figure22*3;	6	[32]
Figure16*1;	1	[33]
Figure4*1;	1	[34]
Figure1*1;	1	[35]
Figure2*1; Figure4*1; Figure6*1; Figure7*1; Figure10*1; Figure16*1;	16	[36]
Figure22*1; Figure23*1; Figure24*1; Figure25*1; Figure27*1;		
Figure32*1; Figure35*2; Figure36*1; Figure42*1;		
Figure5*1; Figure6*3; Figure7*2;	6	[37]
Figure6*1; Figure8*7;	8	[38]
Figure8*1; Figure11*1; Figure12*1; Figure14*1;	4	[39]
Figure6*16;	16	[40]
Figure4*2;	2	[41]
Figure12*4; Figure13*1; Figure14*1;	6	[42]
Figure2*1; Figure4*1	2	[43]
Figure4*3;	3	[44]
Figure3*3;	3	[45]
Figure4*2;	2	[46]
Figure5*1; Figure7*1; Figure8*1; Figure9*1; Figure11*1; Figure12*1;	8	[47]
Figure14*1; Figure15*1;		
Figure3*1; Figure6*2;	3	[48]
Figure7*1; Figure8*3;	4	[49]
Figure3-6*1;	1	[50]
Figure7*8;	8	[51]
Figure9*3; Figure10*2;	5	[52]
Figure5*4;	4	[53]

**Note:** In the 'Image usage detail' column, the number at the right side of asterisk (\*) indicates the number of subimages used. For example, Figure 1\*2 indicates that the two subimages of Figure 1 in Reference [1] are used in the PCEDI dataset.

● **The source references of the PCEDI dataset:**

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