Erratum to: Development of a model for analysis of slope stability for circular mode failure using genetic algorithm

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The original article has been published inadvertently with some errors in Table 1. The corrected Table 1 is given below.

Table 1 Dataset used in this study and subjected to GA (Sah et al. 1994; Ke-ping and Zhi-qiang 2009; Dong and Li 2012)

No.	γ (kN/m ³)	c (kPa)	ϕ (°)	β (°)	H (m)	r_u	FS	Stability
1	18.68	26.34	15	35	8.23	0	1.11	F
2	16.5	11.49	0	30	3.66	0	1.00	F
3	18.84	14.36	25	20	30.5	0	1.88	S
4	18.84	57.46	20	20	30.5	0	2.05	S
5	28.44	29.42	35	35	100	0	1.78	S
6	28.44	39.23	38	35	100	0	1.99	S
7	20.6	16.28	27	30	40	0	1.25	F
8	14.8	0	17	20	50	0	1.13	F
9	14	11.97	26	30	88	0	1.02	F
10	18.5	25	0	30	6	0	1.09	F
11	18.5	12	0	30	6	0	0.78	F
12	22.4	10	35	30	10	0	2.00	S

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Table 1 continued

No.	γ (kN/m ³)	c (kPa)	ϕ (°)	β (°)	H (m)	r_u	FS	Stability
13	21.4	10	30	30	20	0	1.70	S
14	22	20	36	45	50	0	1.02	F
15	22	0	36	45	50	0	0.89	F
16	12	0	30	35	4	0	1.46	S
17	12	0	30	45	8	0	0.80	F
18	12	0	30	35	4	0	1.44	S
19	12	0	30	45	8	0	0.86	F
20	23.47	0	32	37	214	0	1.08	F
21	20.41	24.9	13	22	10.67	0.35	1.40	S
22	19.63	11.97	20	22	12.19	0.4	1.35	F
23	21.82	8.62	32	28	12.8	0.5	1.03	F
24	20.41	33.52	11	16	45.72	0.2	1.28	F
25	18.84	15.32	30	25	10.67	0.38	1.63	S
26	18.84	0	20	20	7.62	0.45	1.05	F
27	21.43	0	20	20	61	0.5	1.03	F
28	19.06	11.71	28	35	21	0.11	1.09	F
29	18.84	14.36	25	20	30.5	0.45	1.11	F
30	21.5	6.9	30	31	76.8	0.38	1.01	F
31	14	12	26	30	88	0.45	0.63	F
32	18	24	30	45	20	0.12	1.12	F
33	23	0	20	20	100	0.3	1.20	F
34	22.4	10	35	45	10	0.4	0.90	F
35	20	20	36	45	50	0.25	0.96	F
36	20	20	36	45	50	0.5	0.83	F
37	20	0	36	45	50	0.25	0.79	F
38	20	0	36	45	50	0.5	0.67	F
39	22	0	40	33	8	0.35	1.45	S
40	24	0	40	33	8	0.3	1.58	S
41	20	0	25	20	8	0.35	1.37	S
42	18	5	30	20	8	0.3	2.05	S

Table 1 continued

No.	γ (kN/m ³)	c (kPa)	ϕ (°)	β (°)	H (m)	r_u	FS	Stability
43	20	0	36	45	50	0.25	0.79	F
44	22	0	40	33	8	0.35	1.45	F
45	27.3	14	31	41	110	0.25	1.25	S
46	27.3	31.5	30	41	135	0.25	1.25	S
47	27.3	16.8	28	50	90.5	0.25	1.25	S
57	22	0	36	45	50	0.25	0.89	S
48	27.3	26	31	50	92	0.25	1.25	S
49	18.5	25	0	30	6	0.25	1.09	F
50	18.5	12	0	30	6	0.25	0.78	F
51	24	0	40	33	8	0.3	1.58	F
53	21.4	10	30	30	20	0.25	1.70	S
54	21.8	8.55	32	28	12.8	0.49	1.03	F
55	22	20	36	45	50	0.25	1.02	F
60	12	0	30	45	8	0.25	0.80	F
56	20	0	25	20	8	0.35	1.37	S
58	12	0	30	45	4	0.25	1.46	S
59	22.4	10	35	45	10	0.4	0.90	F
61	12	0	30	45	4	0.25	1.44	S
62	18.7	26.4	15	35	8.2	0	1.11	F
52	22.4	10	35	30	10	0.25	2.00	S
63	26	150	45	50	200	0	1.20	S
64	21.4	10.1	30	30	20	0	1.70	S
65	16	70.1	20	40	115	0	1.11	F
66	19.6	12	20	22	12.2	0.405	1.35	F
67	21	19.95	40	40	12	0	1.84	S
68	21	34.95	28	40	12	0.5	1.43	S
69	20	0	36	45	50	0.5	0.67	F
70	20	10.05	29	34	6	0.3	1.34	S
71	18.8	30	10	25	50	0.1	1.40	S
72	18	24	30	45	20	0.12	1.12	F
73	18.8	30	20	30	50	0.1	1.46	S
74	18.8	25.05	20	30	50	0.2	1.21	F
75	20.6	16.2	27	30	40	0	1.25	F
76	16.5	11.55	0	30	3.6	0	1.00	F
77	18.8	14.4	25	20	30.6	0	1.88	S
78	18.8	57.45	20	20	30.6	0	2.04	S
79	28.4	39.15	38	35	100	0	1.99	S
80	14	11.97	26	30	88	0	1.02	F
81	25	120	45	53	120	0	1.30	S
82	18.5	12	0	30	6	0	0.78	F
83	22.4	99.9	45	45	15	0.25	1.80	S
84	20	20	36	45	50	0.5	0.83	F
85	21	45	25	49	12	0.3	1.53	S
86	21	30	35	40	12	0.4	1.49	S
87	20	40.05	30	30	15	0.3	1.84	S
88	20.4	33.45	11	16	45.8	0.2	1.28	F
89	18	45	25	25	14	0.3	2.09	S

Table 1 continued

No.	γ (kN/m ³)	c (kPa)	ϕ (°)	β (°)	H (m)	r_u	FS	Stability
90	19	30	35	35	11	0.2	2.00	S
91	19	11.7	28	35	21	0.11	1.09	F
92	20	40.05	40	40	10	0.2	2.31	S
93	18.8	24.75	21	29	37	0.5	1.07	F
94	18.8	10.35	21	34	37	0.3	1.29	F
95	22.4	10.05	35	30	10	0	2.00	S
96	18.8	25.05	10	25	50	0.2	1.18	F
97	18.8	19.95	10	25	50	0.3	0.97	F
98	18.8	19.95	20	30	50	0.3	1.00	F
99	21.5	6.9	30	31	76.8	0.38	1.01	F
100	19.1	10.05	20	30	50	0.4	0.65	F
101	28.4	29.4	35	35	100	0	1.78	S
102	22	19.95	22	20	180	0	1.12	F
103	22	19.95	22	20	180	0.1	0.99	F

F failed, *S* stable