

Supplementary Table 1: Proteins detected in four fractions of fertile men ejaculated semen

MW	Average SC			
	F1	F2	F3	M
11	20.3	18.7	23.3	22.3
28	3.3	0.7	13.0	0.0
29	33.3	15.0	14.7	14.0
28	4.7	6.3	2.3	6.0
28	3.3	4.7	68.7	0.0
28	10.7	8.7	11.0	3.0
28	37.3	45.0	51.3	42.0
18	6.7	9.7	1.7	2.7
36	179.3	187.3	192.7	234.7
46	14.7	10.3	4.0	4.0
49	12.0	12.3	1.3	1.3
49	9.3	12.3	4.3	4.3
47	14.7	10.0	6.3	6.3
49	8.3	10.7	4.7	4.7
46	13.0	11.7	0.0	0.0
106	72.0	37.0	22.3	22.3
47	20.3	12.3	1.3	1.3
53	9.7	4.7	0.0	0.0
43	30.7	27.3	4.7	4.7
35	14.3	13.3	2.3	2.3
100	93.7	63.7	38.0	38.0
61	29.0	16.3	0.0	0.0
41	3.0	1.0	0.0	0.0
56	1.7	0.0	0.0	0.0
46	2.3	0.0	0.0	0.0
37	28.3	31.7	8.0	8.0
40	19.0	14.3	8.7	8.7
64	7.0	14.3	2.0	1.0
116	114.3	133.7	121.0	170.7
50	1.3	0.0	3.0	0.7
43	2.3	6.3	1.3	8.3
33	1.0	2.0	4.3	0.0
27	64.3	63.7	85.0	93.3
35	68.3	75.0	82.0	94.0
43	4.3	14.3	8.7	14.3
42	38.3	42.0	55.7	47.0
35	16.3	15.3	10.7	12.7
49	12.3	13.0	15.0	9.3
18	1.0	0.0	0.0	0.0
15	2.3	8.0	1.3	0.0
17	11.7	10.7	3.7	0.0
16	11.7	13.0	10.7	6.0
15	8.3	10.0	9.3	3.3
16	14.3	16.3	4.0	0.7
18	30.0	21.3	2.3	0.0
16	19.0	17.7	23.7	8.3
31	11.7	14.7	10.0	5.0
16	2.7	3.0	6.7	1.3
9	1.7	1.3	1.0	0.0
15	1.0	3.0	1.3	0.0
14	11.3	9.7	7.3	0.0
13	0	3.3	4.0	0.0
27	25.3	24.3	7.7	5.3
30	17.0	9.7	4.0	0.0
30	0	0.0	4.3	0.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
23	8.0	10.0	4.0	0.7
29	7.3	7.7	1.0	0.0
22	12.3	8.0	10.0	0.0
24	15.3	14.3	11.0	0.0
23	23.0	25.3	3.3	4.0
33	31.0	30.7	19.3	3.3
68	5.0	0.0	1.7	0.0
56	49.7	53.3	50.3	55.3
137	2.0	0.0	0.0	3.3
61	293.0	264.7	309.7	247.0
34	35.3	45.7	36.0	19.0
12	5.0	8.0	4.3	4.0
12	14.0	14.3	14.0	7.7
25	1.0	0.7	0.0	0.0
25	8.3	6.3	2.7	1.3
20	8.0	9.3	5.7	3.7
18	23.3	26.0	11.7	10.7
24	22.7	18.7	5.7	0.0
24	2.3	0.0	0.0	0.0
23	6.3	8.0	0.0	0.0
24	6.3	7.0	10.3	0.0
22	14.3	15.0	12.7	10.0
21	10.0	8.0	0.0	0.0
23	14.7	13.7	2.0	0.7
19	7.7	5.7	0.0	0.0
15	8.0	9.0	6.0	2.0
15	5.0	7.3	0.7	2.7
18	0.0	1.3	0.0	0.0
18	4.3	2.7	0.7	0.0
17	7.7	3.7	0.0	0.0
16	2.0	2.0	0.0	0.0
17	4.7	9.7	4.0	0.0
16	1.7	0.0	0.0	0.0
46	2.7	0.0	6.0	0.0
13	6.0	3.3	2.3	0.0
14	3.3	3.3	0.0	0.0
15	2.7	2.3	1.3	0.0
13	0.7	0.0	0.0	0.0
12	9.3	4.7	0.0	0.0
8	0.0	3.7	0.0	0.0
48	5.3	7.3	4.0	0.0
34	7.0	7.3	3.0	0.0
33	23.7	14.7	10.3	0.0
29	13.7	18.7	14.7	4.0
30	18.7	13.7	7.7	0.0
28	3.0	0.0	0.0	0.0
22	5.7	5.0	7.7	0.0
86	41.3	48.0	17.3	20.0
53	25.7	44.7	28.3	6.0
72	416.7	463.7	438.7	360.3
105	0.7	0.0	0.0	0.0
34	56.7	56.7	63.3	83.7
63	8.0	5.3	1.0	1.3
33	0.0	0.0	0.0	6.3
45	256.3	262.3	265.3	300.3
45	4.7	2.0	0.0	0.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
85	321.3	336.7	356.3	400.0
46	249.7	267.7	268.3	388.3
61	198.3	210.0	216.3	301.7
28	25.3	34.0	25.7	49.7
33	3.3	0.0	3.3	4.3
42	177.3	149.7	0.0	95.0
42	0.0	0.0	184.0	95.0
49	10.3	5.0	13.7	24.7
46	6.3	7.0	12.0	53.3
45	0.0	0.0	1.7	0.0
34	0.0	0.0	0.7	0.0
21	0.0	0.0	3.3	0.0
22	6.7	2.0	8.3	0.0
47	1.0	0.0	9.0	0.0
41	21.3	14.3	25.0	46.3
42	21.0	24.7	37.0	66.3
17	6.7	6.3	10.0	8.3
81	18.0	17.0	6.7	3.7
69	24.0	24.7	21.7	35.3
15	12.0	0.0	16.3	17.3
12	0.0	13.0	0.0	0.0
36	2.7	0.0	0.0	0.0
25	2.3	3.3	2.0	5.3
25	3.7	3.0	9.0	8.3
48.0	8.0	4.0	1.0	0.0
26.0	5.7	8.3	6.0	11.3
83.0	14.7	13.0	23.0	44.3
55.0	0.0	4.0	22.0	26.3
221.0	12.3	23.3	35.3	49.0
22.0	75.3	72.7	71.3	64.0
52.0	21.7	4.7	18.0	0.7
46.0	61.7	70.7	87.3	44.7
33	0.0	1.7	0.0	5.0
33	3.0	4.3	7.0	13.0
35	68.7	83.7	68.7	113.3
54	0.0	1.0	0.0	0.0
21	27.7	0.0	23.0	17.0
21	0.0	24.3	0.0	17.0
21	1.3	0.0	0.0	0.0
21	0.7	0.0	0.0	0.0
20	3.3	4.3	2.3	2.3
20	5.7	1.7	0.0	0.0
22	14.3	12.3	4.7	4.0
69	45.3	35.3	32.7	37.3
89	8.3	8.7	11.3	6.7
40	10.7	10.7	10.0	13.7
215	1.0	1.3	1.7	0.0
95	81.3	87.7	144.0	160.7
93	199.3	276.7	338.3	432.3
60	0.0	0.0	60.0	6.7
66	10.7	6.0	59.0	5.7
56	0.0	0.0	1.0	0.0
36	7.0	7.0	36.0	3.3
73	14.3	8.7	73.0	0.0
24	7.0	6.3	6.3	7.3
48	0.0	0.7	3.3	0.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
47	4.0	0.0	2.3	0.0
54	40.7	36.3	47.0	44.7
39	8.0	4.7	10.3	6.7
161	0.0	0.0	2.3	0.0
103	8.0	6.7	0.0	0.0
105	61.3	36.3	40.7	6.0
102	10.7	6.3	4.0	14.0
43	23.0	26.0	23.3	9.7
47	237.3	261.0	341.0	300.0
116	21.0	24.3	2.0	16.7
131	9.0	11.7	0.0	0.0
33	9.0	3.7	4.7	7.3
37	2.7	0.0	0.0	0.0
35	7.3	11.7	1.7	0.0
110	229.0	137.7	85.3	34.7
90	0.0	0.0	0.0	1.7
150	207.7	212.3	164.3	132.3
53	1.3	0.0	2.7	1.0
30	3.3	3.7	3.3	0.0
87	0.0	0.7	0.0	0.0
39	38.7	32.3	58.0	11.3
39	28.7	30.0	63.0	3.3
36	9.7	18.7	23.0	6.0
36	7.7	14.7	10.0	1.3
36	53.0	55.7	28.0	33.7
37	0.0	0.0	1.3	0.0
20	15.7	12.7	4.3	1.3
14	3.7	2.0	1.3	5.7
104	19.7	14.7	0.0	0.0
101	0.0	0.0	7.0	0.0
91	5.3	3.7	0.0	0.0
108	0.0	1.0	0.0	0.0
104	8.0	10.0	3.0	1.7
105	2.3	1.7	0.0	0.0
31	9.7	5.0	1.3	3.3
32	8.3	8.3	8.0	9.3
11	2.3	1.7	2.7	4.7
45	3.7	0.0	0.0	0.0
11	0.0	5.3	1.3	6.0
21	2.7	0.0	0.0	0.0
22	16.3	20.3	24.0	26.3
67	38.7	47.0	62.3	31.7
28	1.7	2.0	0.0	2.0
37	0.0	0.0	0.0	5.0
76	22.7	12.3	0.0	0.0
42	3.7	4.0	0.0	0.0
75	7.7	4.0	1.3	0.0
96	18.3	11.3	18.0	23.0
116	4.7	5.3	9.0	13.3
38	2.0	1.3	0.0	5.7
54	12.3	15.3	18.7	16.3
46	41.3	47.0	45.3	21.7
48	76.0	74.0	104.7	83.7
53	22.3	24.7	27.7	18.0
57	6.7	5.7	1.0	0.0
74	3.3	4.7	0.0	8.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
64	1.0	0.0	0.0	0.0
61	30.7	28.3	24.7	28.0
60	375.0	321.0	359.0	323.3
29	55.7	57.0	51.0	70.3
57	601.3	558.0	635.7	589.3
18	64.3	64.3	69.0	72.7
17	6.3	7.7	8.7	8.3
8	6.7	3.3	5.0	6.0
6	1.0	0.0	0.7	1.0
11	6.0	9.3	0.0	9.0
11	18.0	23.0	17.3	22.0
33	35.0	35.7	45.6	59.0
23	67.3	65.0	59.3	69.7
25	11.3	13.7	10.0	15.0
13	7.0	3.0	6.7	8.3
84	0.0	0.0	7.7	9.0
12	7.3	4.3	11.0	5.7
120	21.0	10.7	0.0	0.0
71	0.0	0.0	8.0	0.0
159	0.0	0.7	0.0	2.0
32	27.7	34.7	38.0	50.7
27	7.0	11.3	15.3	0.0
24.0	0.0	1.0	0.0	0.0
56.0	15.3	15.3	24.0	5.7
29.0	14.0	16.7	25.3	19.0
28.0	12.3	7.0	1.7	0.0
38.0	0.0	0.0	1.0	0.0
14.0	1.3	1.7	1.0	0.0
12.0	0.0	0.0	2.3	2.7
20.0	4.3	4.3	5.0	0.0
74.0	34.0	49.7	58.0	60.3
33.0	22.0	21.0	16.3	16.0
171.0	40.0	36.0	10.0	1.3
59.0	17.7	11.3	2.7	0.0
53.0	0.7	0.0	2.7	0.0
16.0	3.0	2.0	1.7	6.3
28.0	10.3	15.0	13.7	17.0
23.0	9.3	0.0	0.0	0.0
14.0	0.0	3.3	0.0	2.3
12.0	0.0	0.0	0.0	3.0
15.0	13.7	17.7	13.3	21.0
28.0	11.3	16.0	1.3	8.3
97	1	6.7	2.7	4
20	0	1.7	0	0
52.0	0.0	0.0	0.0	6.3
75.0	20.7	18.0	18.7	16.0
74.0	29.0	23.7	20.3	31.3
40.0	2.7	4.0	0.0	0.0
22.0	2.7	0.0	0.0	0.0
53.0	45.7	35.0	46.7	62.3
41.0	107.7	99.0	129.0	178.3
21.0	3.3	0.0	0.0	0.0
67.0	0.0	0.0	6.7	26.3
70.0	70.7	49.3	8.3	0.0
112.0	0.7	2.3	0.0	0.0
17.0	49.7	40.7	57.0	61.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
68.0	98.0	91.7	59.7	38.3
28.0	3.0	2.0	0.0	0.0
82.0	0.0	3.3	5.3	0.0
48.0	125.7	140.3	116.3	64.7
40.0	26.3	32.3	28.0	32.7
40.0	1.3	0.0	0.0	0.7
43.0	62.7	55.0	45.7	32.7
46.0	66.7	69.7	56.3	57.7
79.0	1.0	0.0	0.0	12.3
35.0	0.0	1.0	0.0	1.0
29.0	12.3	14.7	20.3	10.7
35.0	20.3	23.0	19.7	17.0
30.0	0.0	0.0	11.0	0.0
153.0	42.7	41.3	48.7	64.3
74.0	47.7	33.3	19.0	3.0
58.0	1.3	0.0	0.0	0.0
71.0	54.7	51.3	57.0	58.0
88.0	1.3	12.3	9.7	8.3
74.0	109.0	115.0	178.0	120.7
39.0	1.0	2.3	0.0	8.7
49.0	0.0	0.0	0.0	4.0
45.0	16.7	23.3	42.3	34.7
25.0	5.0	8.0	10.3	16.7
28.0	0.0	0.0	7.3	0.0
100.0	0.0	0.0	1.3	0.0
85.0	0.0	0.0	3.0	0.0
46.0	8.3	13.0	9.7	11.7
20.0	70.7	69.0	77.0	46.3
45.0	6.0	3.7	5.7	0.0
53.0	5.7	4.7	8.3	12.0
31.0	3.3	3.7	1.3	1.0
46	22.0	5.3	2.3	0.0
14	32.0	31.3	32.7	29.0
26	1.3	0.0	0.0	0.0
26	9.0	11.3	7.0	10.7
25	4.0	3.7	3.3	6.3
12	35.3	29.3	26.0	30.3
15	1.7	4.3	0.0	0.0
49	2.3	4.7	2.0	0.0
21	4.7	1.3	21.0	1.7
16	0.0	0.0	10.7	0.0
20	0.0	0.0	4.7	2.3
45	17.0	22.0	14.0	4.3
27	1.0	0.0	8.7	0.0
27	0.0	0.0	3.7	0.0
65	4.7	12.0	13.7	18.0
82	2.0	7.0	6.7	17.7
37	11.7	8.0	7.0	12.3
52	155.7	156.0	174.3	162.3
192	97.0	117.3	125.7	49.7
24	2.0	0.0	0.0	0.0
76	0.0	0.0	0.0	5.7
52	175.3	167.3	192.3	127.7
12	11.0	9.0	14.3	11.3
57	1.3	0.0	0.0	0.0
34	2.3	0.0	0.0	0.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
20	7.0	7.0	0.0	0.0
27	1.3	0.0	0.0	0.0
19	8.0	3.3	16.7	1.0
57	0.0	0.0	7.7	3.7
44	0.7	0.0	2.0	0.0
104	0.0	0.0	0.0	1.7
103	39.0	44.0	60.7	57.7
69	7.3	4.3	6.7	12.3
75	3.0	2.0	1.0	4.7
110	0.0	0.0	2.3	1.3
130	1.0	1.0	7.0	9.7
38	6.0	4.0	8.0	14.3
66	8.7	1.0	17.0	15.7
40	2.0	1.0	0.0	0.0
30	3.3	0.0	3.7	0.7
26	6.7	1.7	0.0	2.0
154	4.3	5.3	0.0	0.0
31	25.0	20.3	0.0	29.7
187	0.0	0.0	23.7	0.0
49	22.0	23.0	39.7	18.7
38	2.7	0.0	0.0	0.0
30	2.3	0.0	0.0	0.0
18	8.3	2.0	0.0	0.0
29	21.0	32.3	0.0	32.7
54	37.7	0.0	0.0	0.0
43	35.3	10.0	3.0	0.0
89	89.0	112.3	79.0	53.3
136	91.3	95.3	48.3	26.7
74	2.3	0.0	1.0	27.3
39	0.7	2.0	1.0	11.7
11	0.0	0.0	6.7	0.0
11	2.0	1.7	9.3	0.0
16	7.0	0.0	0.0	0.0
16	5.0	3.0	0.0	0.0
50	19.3	15.7	25.7	21.3
28	30.3	24.3	43.7	35.7
27	22.0	29.3	17.7	11.3
85	0.0	0.0	5.0	0.0
95	36.3	44.7	0.0	0.0
27	5.7	4.3	8.0	10.3
17	8.0	5.0	4.7	6.0
53	85.3	117.3	131.7	120.7
48	171.3	196.3	206.0	208.7
11	4.0	7.7	3.7	8.3
14	19.3	23.3	23.0	20.7
10	0.0	0.0	2.7	1.7
7	3.0	6.0	5.7	3.3
30	30.3	31.0	38.7	26.7
12	27.0	25.7	26.3	31.3
20	51.7	58.3	67.3	63.7
17	26.3	29.7	35.0	36.0
14	20.7	18.0	20.7	19.3
10	26.3	25.3	26.3	27.0
9	8.7	11.0	8.0	12.7
13	4.0	5.7	3.7	7.7
13	3.7	4.0	1.3	4.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
26	48.0	42.7	76.3	52.0
35	58.3	62.3	61.7	72.7
98	2.3	0.7	0.0	0.0
532	34.3	5.7	1.7	0.0
71	1.3	0.0	0.0	0.0
57	3.7	0.0	0.0	0.0
66	12.0	7.0	7.0	0.0
56	212.7	224.3	272.0	256.0
67	0.0	0.0	0.0	2.0
53	12.3	2.3	1.0	0.0
92	0.0	0.0	1.3	0.0
57	0.0	0.0	9.7	0.0
43	2.3	1.7	0.0	0.0
38	2.0	0.0	0.0	0.0
30	1.3	1.7	0.0	0.0
39	0.0	3.0	1.7	1.3
13	8.3	11.0	2.7	4.0
28	1.3	1.3	0.0	0.0
38	37.7	22.3	4.0	0.0
35	1.0	0.0	0.0	0.0
36	107.3	96.7	134.0	125.3
62	9.7	6.7	10.0	8.0
36	2.0	0.0	0.0	0.0
32	22.3	22.3	12.7	30.0
27	16.0	21.3	13.7	12.0
94	0.0	0.0	2.3	0.0
93	0.0	0.0	13.0	0.0
114	0.0	0.0	27.3	0.0
332	1.0	0.0	217.0	1.3
27	27.3	29.0	33.0	26.7
24	0.0	0.0	0.0	2.0
54	145.3	146.7	163.3	158.0
69	87.7	104.3	106.3	126.0
49	26.0	29.3	45.3	30.7
43	2.0	2.7	1.3	1.0
26	4.3	0.0	0.7	0.0
77	11.3	6.3	0.0	1.3
46	11.0	10.7	16.3	9.3
53	0.0	0.0	0.7	0.0
56	88.0	103.0	87.0	61.3
54	7.3	11.3	0.0	1.0
88	17.0	10.7	0.0	0.0
93	0.0	0.7	0.0	5.3
89	18.7	23.3	27.7	41.7
88	14.3	17.7	14.0	23.3
127	3.7	3.3	0.0	2.0
174	1.7	0.0	0.0	0.0
46	19.7	18.3	16.3	10.3
52	0.0	0.0	2.3	1.0
48	22.3	0.0	21.7	20.0
38	15.0	15.0	13.3	12.3
41	16.0	21.0	11.7	2.7
36	12.7	15.3	20.7	26.7
36	0.0	0.0	0.0	1.7
27	3.3	0.0	0.0	1.7
26	9.0	12.3	9.7	6.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
91	1.0	1.0	0.0	0.0
63	0.0	0.0	0.0	5.0
58	7.0	6.3	4.0	2.0
22	14.3	12.0	8.7	8.7
22	4.7	1.3	1.7	0.0
30	4.0	4.3	0.0	0.0
51	48.7	48.7	48.0	41.3
69	85.7	81.7	77.0	58.3
69	19.3	36.7	27.0	30.3
12	4.0	0.0	1.3	2.0
94	0.0	0.0	1.0	0.0
21	0.0	1.0	12.0	7.0
142	0.0	17.3	0.0	0.0
139	17.0	0.0	0.0	0.0
45	15.3	11.0	5.7	0.0
21	5.3	4.7	0.0	0.0
53	0.0	1.3	0.0	0.0
488	21.7	16.3	21.3	119.0
515	3.3	2.3	10.0	68.7
357	8.7	4.7	2.3	37.0
509	141.0	162.0	234.3	428.3
508	0.0	0.0	0.0	20.0
471	2.3	5.0	9.0	36.7
476	0.0	3.7	2.7	48.0
461	17.3	26.0	29.7	121.0
539	228.0	203.0	231.3	513.7
79	0.0	0.0	0.0	10.3
69	24.3	19.3	36.0	47.3
22	28.7	19.3	19.3	40.3
10	41.7	45.3	49.0	68.7
10	31.7	32.3	24.3	54.7
11	7.3	3.7	7.0	7.7
12	14.0	18.0	18.0	17.7
63	1.7	4.0	9.7	6.7
574	1.3	0.7	0.0	0.0
44	25.7	29.0	22.7	11.0
100	26.7	15.0	0.0	0.0
24	1.3	4.3	4.0	5.7
19	1.3	0.0	1.0	0.0
173	14.3	22.7	33.7	40.3
87	2.3	9.0	11.7	26.0
74	3.3	6.3	13.3	27.7
55	11.3	13.7	3.7	27.3
54	6.0	4.0	0.0	0.0
35	69.3	76.7	77.0	92.0
28	30.0	39.0	42.7	52.0
68	23.0	25.0	36.3	26.7
50	36.7	21.7	44.7	8.7
25	5.3	8.3	2.0	0.0
71	44.7	34.0	20.3	4.7
50	172.0	155.7	106.7	47.0
95	126.3	133.7	123.7	48.0
35	10.0	12.0	8.7	20.0
50	10.7	13.3	11.0	16.3
55	0.7	0.0	0.0	0.0
43	27.0	21.0	9.3	5.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
52	7.7	13.0	6.0	9.3
29	22.3	19.3	15.3	13.0
47	36.7	41.0	28.3	14.0
33	6.0	1.3	0.0	0.0
44	15.7	21.7	17.0	3.0
92	520.3	544.0	424.0	321.3
29	1.3	19.3	0.0	0.0
33	28.7	29.0	31.7	31.3
44	33.3	43.0	39.7	50.3
31	62.7	69.7	86.7	96.7
232	0.0	0.0	13.0	0.0
17	12.0	11.7	4.3	9.0
18	1.3	1.7	1.3	0.0
26	54.0	57.7	60.3	26.3
31	15.3	18.7	15.3	18.0
556	0.0	0.0	99.0	2.3
53	3.0	1.3	0.0	0.0
63	1.3	0.0	0.0	0.0
39	17.3	12.7	19.0	10.3
38	53.7	57.0	47.0	47.0
54	0.0	0.0	7.0	0.0
54	8.3	7.7	3.0	0.0
32	2.7	3.3	0.0	0.0
28	36.3	35.7	32.3	48.3
29	4.0	3.7	0.0	0.0
27	5.7	4.7	6.0	8.7
46	6.0	0.0	15.0	0.0
20	6.3	7.0	0.0	0.0
16	0.0	0.0	6.0	0.0
167	10.0	9.7	1.0	0.0
38	3.3	1.3	0.0	0.0
25	0.7	0.0	0.0	0.0
43	2.7	0.0	0.0	0.0
20	0.0	0.0	5.3	0.0
27	7.7	8.0	10.0	2.7
123	11.0	8.0	0.0	0.0
110	25.7	18.7	1.3	1.3
124	45.7	45.7	1.3	69.3
61	8.0	0.0	0.0	0.0
69	6.3	0.0	13.3	0.0
33	14.3	14.0	15.3	4.0
33	6.3	2.7	0.0	0.0
35	0.0	0.0	0.0	2.7
31	26.3	25.0	26.0	23.7
157	0.0	0.0	0.0	0.7
102	6.3	0.0	4.0	16.0
273	25.0	0.0	5.0	0.0
53	0.0	1.3	0.0	0.0
15	15.0	21.7	18.3	6.7
63	47.3	61.0	69.7	50.0
21	12.0	10.7	3.3	5.0
20	1.0	1.3	0.0	0.0
28	65.7	63.3	80.3	79.0
36	9.0	10.7	15.0	17.7
259	115.7	127.3	84.7	64.0
36	4.0	3.7	9.3	8.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
790	0.0	0.7	5.0	12.0
435	0.0	0.0	2.7	0.0
248	4.0	0.0	1.7	0.0
278	18.0	11.7	13.3	10.7
35	10.0	5.0	0.0	10.0
29	12.3	12.3	14.0	14.3
23	3.3	1.3	0.0	1.7
45	85.3	75.7	93.3	57.7
39	4.7	4.0	16.0	4.0
55	204.3	219.0	261.0	249.7
35	6.0	5.7	7.3	9.7
35	49.0	42.7	52.7	57.0
21	29.7	31.3	11.0	31.7
26	0.0	0.0	2.7	0.0
65	17.0	11.0	5.0	0.0
15	0.0	0.0	30.0	3.3
36	32.0	37.3	35.0	42.0
21	5.0	0.7	6.7	0.0
61	10.7	0.0	0.0	0.0
21	0.0	0.0	1.3	0.0
41	0.0	1.7	3.0	3.7
49	0.0	0.0	9.3	0.0
42	13.3	8.7	7.3	7.7
36	0.0	0.0	1.0	0.0
81	8.3	7.3	19.7	0.0
108	14.0	7.0	0.0	0.0
35	4.7	4.3	0.0	0.0
26	12.3	13.3	4.3	14.3
29	0.0	0.7	9.7	9.7
31	1.3	1.0	0.0	0.0
77	1.3	0.0	0.0	0.0
63	76.0	77.7	88.3	42.3
59	84.3	94.7	62.7	57.0
84	20.7	14.3	0.0	0.0
83	0.0	0.0	3.0	0.0
61	8.7	1.3	0.7	0.0
42	35.7	60.3	64.0	83.0
79	0.0	5.7	0.0	0.0
181	1.0	0.0	4.0	4.0
17	3.3	8.7	5.0	11.0
53	13.7	9.0	3.7	0.0
27	118.7	115.7	117.3	90.0
28	11.3	13.3	11.7	27.0
23	18.7	12.0	22.0	1.3
36	142.3	109.3	157.7	143.3
45	146.0	157.3	203.3	169.7
61	23.0	53.3	71.0	87.0
58	1.3	6.3	14.7	6.3
81	7.7	6.7	5.3	10.7
38	6.7	10.3	9.0	10.0
36	17.0	22.7	14.0	19.0
19	8.0	3.0	3.3	3.0
21	2.0	0.0	0.0	0.0
97	3.7	0.0	0.0	0.0
93	0.0	0.0	0.7	0.0
83	23.7	31.3	17.7	6.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
36	10.7	11.0	6.0	15.0
62	0.7	0.0	0.7	0.0
63	1.7	0.0	0.0	0.0
62	1.7	6.7	9.3	0.0
136	6.3	10.3	4.7	4.7
110	3.3	0.0	0.0	0.0
75	0.0	11.0	0.0	0.0
56	0.0	0.0	0.0	0.7
37	0.0	0.0	0.0	6.3
24	3.3	1.7	3.3	4.3
24	21.0	18.0	6.0	14.0
22	5.7	3.3	3.3	3.0
37	3.3	0.0	0.0	0.0
35	29.3	39.7	21.7	14.3
71	0.0	0.0	0.0	1.3
29	0.0	2.7	0.0	0.0
45	131.7	133.7	122.7	149.0
38	7.0	2.0	7.3	8.0
23	14.7	17.0	0.0	1.3
181	13.7	7.3	0.0	0.0
146	7.0	2.0	3.7	8.3
70	95.0	73.3	71.0	52.3
70	169.0	192.7	221.3	171.0
94	22.3	19.3	11.0	10.7
95	86.7	91.0	46.3	42.7
71	44.7	41.7	85.3	37.7
97	11.0	5.7	0.7	0.0
80	23.7	20.3	35.0	29.7
23	32.7	17.0	42.0	0.0
98	566.7	610.0	500.3	341.7
83	85.0	76.0	62.7	21.7
70	552.7	574.0	604.7	545.0
33	0.0	0.0	7.3	0.0
36	24.0	11.7	0.7	4.0
16	13.0	13.0	11.3	16.3
52	64.3	58.7	65.3	77.0
39	0.0	0.0	1.7	0.0
40	0.0	0.0	1.3	0.0
49	0.0	0.0	6.0	0.0
51	0.0	0.0	8.7	0.0
91	0.0	0.0	3.7	0.0
37	0.0	0.0	1.0	0.0
32	0.0	0.0	5.3	0.0
103	307.0	384.7	464.3	610.7
22	8.7	14.0	5.0	5.0
73	0.0	0.0	9.0	0.0
14	0.0	1.0	0.0	0.0
17	15.0	11.3	15.7	15.7
20	10.0	13.3	6.0	14.7
22	0.0	4.7	7.3	0.0
23	0.0	0.0	4.7	0.0
22	27.0	31.3	30.0	15.7
14	20.7	17.0	0.0	19.7
14	0.0	0.0	1.3	0.7
14	8.0	10.0	0.0	9.7
15	0.0	0.0	39.3	19.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
14	0.0	0.0	11.0	9.7
13	16.3	12.7	20.3	14.0
14	45.7	39.3	59.0	37.3
14	15.3	13.3	28.3	12.0
15	0.0	0.0	20.7	3.3
15	8.7	6.7	0.0	8.7
11	26.3	46.0	88.7	15.3
282	1.3	0.0	0.0	0.0
41	23.7	28.7	21.0	18.0
44	0.0	1.0	1.0	0.0
58	45.7	47.7	50.0	66.0
576	0.0	0.0	0.0	8.3
36	60.3	58.3	72.7	67.7
34	33.3	35.3	37.0	40.3
34	0.0	1.3	1.0	0.0
57	0.0	0.0	1.7	0.0
25	22.0	24.7	14.7	11.7
111	275.3	267.7	171.7	98.0
23	0.0	0.0	3.7	0.0
39	3.3	0.0	4.0	4.0
58	58.3	55.3	66.3	46.3
58	16.3	19.7	16.7	9.3
58	7.3	11.3	11.7	2.0
97	100.3	75.7	72.0	39.7
119	1.0	0.0	0.0	0.0
126	90.3	73.7	72.3	66.0
44	4.0	6.0	0.0	9.0
53	0.0	0.0	0.0	1.3
38	19.3	20.0	12.7	16.0
37	0.0	14.7	0.0	10.3
30	15.7	0.0	4.7	10.3
118	5.0	4.0	9.0	4.7
127	7.7	8.7	15.0	0.0
85	3.3	6.0	6.7	0.0
33	10.3	10.0	0.0	0.0
18	0.0	0.0	1.7	0.0
19	0.0	0.0	8.0	0.0
17	0.0	0.0	4.0	0.0
68	10.3	0.0	17.3	0.0
52	0.0	0.0	1.7	1.7
50	0.0	0.0	0.7	0.0
16	0.0	0.0	1.3	3.3
18	6.7	7.3	7.0	9.0
45	2.0	8.3	0.0	20.3
22	0.0	0.0	59.7	43.0
24	38.3	43.3	0.0	43.0
40	50.3	64.7	76.0	89.0
42	17.3	15.3	20.3	8.7
43	0.0	1.0	4.0	2.7
47	30.0	8.7	0.0	0.0
145	10.7	3.0	0.0	0.0
114	86.3	106.7	103.3	119.0
32	0.7	0.0	0.0	1.7
47	24.7	29.3	37.0	35.7
39	4.3	6.3	8.7	20.3
25	26.0	27.7	29.7	41.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
24	0.0	143.3	220.7	0.0
27	132.3	0.0	0.0	196.7
82	0.0	0.0	61.7	0.0
150	22.7	20.3	0.0	0.0
110	0.0	0.0	1.0	0.0
13	0.7	0.0	0.0	0.0
10	8.3	7.7	10.7	6.0
43	32.3	26.7	37.3	15.3
78	919.3	1040.3	718.3	334.3
21	3.0	0.0	0.0	0.0
400	2.3	0.0	0.0	0.0
196	27.0	22.7	13.0	0.7
178	10.7	6.7	7.3	2.7
65	29.3	33.7	25.3	51.7
45	2.7	4.0	0.0	0.0
82	4.0	15.7	4.7	6.7
119	6.3	4.7	0.7	0.0
32	43.7	51.3	51.3	53.3
11	1.3	0.0	0.0	1.7
83	36.0	29.0	36.0	29.7
43	0.0	0.0	0.0	2.0
35	14.7	14.0	2.3	0.0
64	3.7	4.0	5.0	9.3
40	1.7	5.7	10.7	17.0
188	151.7	134.7	137.7	202.0
181	0.0	0.0	4.7	4.0
106	172.0	167.0	208.3	250.7
61	0.0	1.7	5.3	7.0
22	0.0	0.0	0.0	3.0
35	3.0	0.0	0.0	0.0
134	1.3	0.0	0.0	0.0
43	0.7	0.0	8.0	0.0
33	0.0	0.7	0.0	0.0
32	8.0	0.0	0.0	0.0
53	15.0	8.0	6.3	4.0
37	22.0	26.3	44.7	27.3
42	94.3	98.7	82.0	158.3
37	18.7	14.0	5.3	7.3
36	223.0	260.7	254.3	285.3
106	29.3	21.3	29.7	25.7
78	116.7	186.3	140.3	251.3
80	0.0	1.0	0.0	2.0
79	74.7	88.0	48.7	112.0
74	0.0	2.7	0.0	6.0
18	2.0	5.3	1.7	1.3
26	29.7	20.7	5.0	3.3
11	2.3	6.7	4.0	6.3
105	12.0	13.0	4.3	18.3
56	8.3	9.3	7.7	8.7
54	6.3	1.7	0.0	0.0
45	22.7	19.7	25.0	18.0
45	11.0	5.3	0.0	0.0
17	5.0	6.0	7.3	0.0
22	0.0	0.7	0.0	1.3
22	2.3	12.3	6.0	11.0
16	27.0	26.3	33.0	38.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
17	15.3	15.3	22.0	21.3
71	25.7	31.3	24.3	13.3
12	5.3	7.7	0.0	0.0
38	1.0	0.7	7.3	0.0
28	4.0	5.3	0.0	5.3
99	0.7	0.0	0.0	0.0
39	18.3	0.0	18.7	19.0
36	0.0	26.7	0.0	19.0
36	316.0	314.3	361.0	360.7
32	16.7	16.7	10.3	14.0
55	0.0	1.3	1.3	2.0
43	0.0	0.0	0.0	2.3
92	58.7	50.7	35.0	30.3
107	3.7	0.0	0.0	0.0
78	0.7	0.7	4.7	0.0
312	3.7	0.0	0.0	0.0
47	92.3	96.0	110.3	104.7
214	7.0	11.0	0.0	0.0
43	3.3	4.7	7.7	7.7
89	21.7	18.0	22.3	36.0
22	14.0	11.7	7.3	4.3
26	21.3	26.7	23.7	16.7
21	27.7	45.3	13.0	14.0
23	7.3	0.0	0.0	0.0
24	20.0	8.7	0.0	7.0
51	11.0	7.7	9.7	8.7
30	8.3	11.7	6.7	8.0
101	12.3	4.7	0.7	0.0
61	2.0	1.7	1.0	1.0
47	0.0	0.0	0.0	1.0
83	5.0	2.3	4.7	3.0
37	1.3	0.0	0.0	0.0
16	5.3	3.7	2.7	3.7
20	7.3	3.3	6.0	8.7
61	14.0	6.3	11.7	7.3
34	10.0	11.0	3.3	33.3
33	0.0	0.0	0.0	1.0
33	17.0	15.3	0.0	0.0
31	0.0	20.0	7.7	29.3
17	8.0	7.3	6.3	4.0
38	0.0	1.0	0.0	0.0
51	0.0	0.0	0.0	1.0
50	6.7	9.3	6.3	13.0
10	0.0	1.0	2.0	3.7
16	0.7	0.0	0.0	0.0
16	16.7	7.3	1.3	6.3
35	4.0	0.0	0.0	0.0
38	11.3	14.0	0.0	13.0
20	3.0	2.3	0.0	5.3
84	53.7	57.0	0.0	63.0
36	0.0	0.0	0.0	5.3
58	16.3	20.0	26.0	13.7
54	6.7	9.3	8.0	5.0
37	0.7	0.0	0.0	1.0
54	0.0	0.0	0.0	1.3
28	0.0	0.0	0.0	1.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
19	0.0	0.0	0.0	0.7
41	14.7	25.0	33.0	30.3
47	17.3	15.3	10.0	0.7
28	0.0	7.3	7.7	0.0
31	10.7	5.3	14.0	16.0
35	0.0	0.0	0.0	0.7
84	51.0	69.7	121.3	12.7
233	7.0	0.0	0.0	0.0
17	12.0	5.3	10.0	0.0
20	21.7	8.3	7.3	0.0
227	37.3	23.3	56.0	0.0
149	2.7	0.0	0.0	0.0
37	0.0	2.3	0.0	0.0
84	10.3	15.0	1.7	13.7
42	0.0	4.0	1.7	0.0
62	0.7	3.7	0.0	2.7
46	0.0	0.0	0.7	0.0
49	7.0	10.3	4.0	18.7
44	0.0	0.0	0.0	1.3
33	0.0	0.0	1.7	2.0
65	99.0	96.3	115.0	84.0
20	8.7	15.7	9.0	15.0
20	1.0	1.0	0.0	0.0
41	7.0	5.7	7.0	7.0
15	0.0	4.0	0.0	5.0
17	3.3	6.3	7.7	6.0
17	8.3	7.0	6.0	5.0
11	6.7	7.3	2.3	8.3
9	0.0	4.0	1.3	4.3
13	9.3	9.7	8.0	15.3
18	1.0	1.7	0.0	0.0
13	1.3	0.0	0.0	0.0
20	13.0	11.7	11.0	15.3
43	29.7	30.0	31.0	36.3
21	26.0	25.3	22.0	20.3
18	3.0	0.0	0.0	1.7
11	0.0	2.7	0.0	1.7
15	6.7	7.7	6.3	6.0
16	3.3	1.3	0.7	2.0
22	8.0	8.3	6.0	6.7
22	9.3	10.0	7.3	14.7
51	27.3	29.3	36.0	28.3
27	16.0	13.3	16.3	20.7
53	20.3	16.7	29.7	14.3
30	31.3	31.0	24.7	29.7
20	1.7	4.0	0.0	3.3
13	8.0	8.0	6.7	7.3
14	0.0	0.0	1.0	3.7
24	11.3	7.3	3.3	5.0
24	11.0	8.7	8.7	13.0
31	22.3	30.0	18.3	15.0
32	24.0	27.3	23.7	28.3
81	58.3	91.7	102.3	103.3
64	3.0	2.7	2.3	0.0
77	14.7	27.7	21.3	12.0
132	22.3	27.0	18.0	26.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
95	0.0	0.0	1.7	0.0
86	112.0	66.7	22.7	7.3
154	0.7	0.0	0.0	0.7
122	0.0	0.0	0.0	0.7
629	0.7	0.0	22.7	0.0
146	13.0	10.0	0.0	1.0
150	0.0	0.0	1.0	0.0
44	0.0	0.7	0.0	0.0
97	0.0	0.0	1.0	5.0
107	145.3	167.3	99.3	80.0
10	4.0	6.0	10.0	2.7
23	11.0	10.3	10.3	2.0
84	0.0	0.0	3.3	0.0
63	0.0	1.3	0.0	0.0
78	20.0	19.3	0.0	16.3
42	7.3	9.0	16.3	4.7
34	17.0	20.7	10.3	18.0
134	3.0	5.7	0.0	1.3
10	14.3	16.0	14.0	12.7
73	0.0	0.7	0.0	2.7
38	4.0	4.3	0.0	0.0
106	5.0	0.0	3.0	6.7
129	0.0	0.0	0.0	1.7
155	111.0	151.3	138.3	227.7
162	0.0	2.7	3.7	2.0
228	35.7	33.3	47.3	78.0
93	92.7	96.0	103.7	114.3
196	0.7	0.7	3.0	1.3
53	31.7	41.0	44.7	45.3
205	19.0	36.3	20.3	71.3
211	77.7	98.3	48.7	120.7
68	0.0	3.7	1.3	1.7
14	0.0	0.0	0.0	0.7
50	20.3	19.0	14.3	4.3
77	1.7	0.0	4.7	0.0
33	11.0	0.0	8.3	0.0
28	0.0	8.3	0.0	0.0
76	7.3	11.3	13.3	16.0
196	2.0	8.7	12.3	24.3
37	1.0	2.3	0.0	5.0
42	0.0	3.0	1.7	1.3
35	9.3	8.3	6.7	5.3
55	39.3	40.7	70.7	49.0
61	19.0	23.3	30.3	35.0
42	1.7	2.3	7.0	7.0
20	6.3	7.3	0.0	0.0
24	12.3	17.3	30.7	37.3
45	6.0	8.7	7.0	3.7
43	1.0	0.0	0.0	0.0
52	6.7	9.0	3.7	2.7
28	0.0	0.0	0.0	1.0
22	0.0	0.0	0.0	1.0
27	6.3	4.7	1.3	8.3
95	22.0	0.0	0.0	49.0
93	0.0	22.7	35.3	0.0
30	3.3	5.3	3.3	8.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
29	22.0	33.0	30.7	27.3
18	9.0	4.0	16.0	0.0
24	28.0	27.0	17.0	12.7
22	11.0	9.3	6.0	15.7
16	14.7	10.3	1.0	1.7
16	9.7	9.7	0.0	0.0
52	0.7	0.0	0.0	0.0
35	6.3	8.0	9.0	17.0
47	13.0	13.3	1.0	0.0
205	0.0	0.0	16.3	0.0
22	35.0	28.0	15.0	12.7
22	21.3	15.0	6.3	2.0
31	55.7	55.0	47.7	34.3
22	65.3	49.7	69.7	56.7
25	43.3	33.0	26.0	6.7
39	2.3	5.0	0.0	0.0
28	10.3	11.3	2.3	0.0
27	13.3	19.3	9.0	3.0
41	0.0	0.7	0.0	0.0
80	12.0	11.3	5.7	1.3
116	0.7	0.0	0.0	1.0
58	0.0	0.7	0.0	0.0
66	3.7	4.0	0.0	0.0
40	8.3	14.7	14.7	23.3
21	23.3	18.7	11.3	12.3
67	0.0	1.0	1.7	2.7
32	1.3	1.7	2.3	6.7
32	0.0	0.0	0.0	0.7
71	0.0	0.0	3.7	0.0
61	2.0	0.0	0.0	0.0
68	0.0	0.0	3.0	0.0
45	6.0	8.3	13.3	0.0
45	170.0	201.3	165.0	123.0
29	11.7	12.0	12.3	4.7
29	47.0	50.3	41.3	33.0
34	4.0	5.7	1.7	5.7
16	13.0	11.7	9.3	3.3
27	38.3	38.3	18.3	34.0
83	0.0	0.0	28.0	0.0
87	0.0	0.0	5.7	0.0
129	43.0	52.3	58.3	113.3
55	10.0	6.7	8.7	20.7
46	31.3	20.7	18.0	7.0
70	27.3	13.3	1.0	0.0
71	0.0	0.0	7.3	0.0
514	0.0	0.0	16.7	0.0
50	2.3	0.0	0.0	0.0
54	0.0	0.0	0.0	1.7
39	1.3	3.7	0.0	0.0
37	0.0	1.3	0.0	0.0
71	21.7	0.0	10.7	0.0
73	0.0	3.3	0.0	0.0
59	0.0	0.0	5.3	0.0
86	13.0	23.3	15.3	22.0
32	7.0	6.7	0.0	8.3
19	1.7	0.7	0.0	0.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
72	5.7	10.3	7.7	21.0
74	0.0	0.0	37.0	0.0
21	13.3	13.3	8.7	8.3
57	35.7	43.0	33.7	22.0
117	107.3	124.0	121.3	117.0
58	8.0	5.0	0.0	0.0
16	10.3	12.0	7.3	12.3
26	2.3	2.0	0.0	4.0
39	0.0	0.0	1.0	0.0
53	1.3	2.7	0.0	1.3
54	0.0	5.7	0.0	4.3
43	3.0	5.3	3.0	0.7
57	3.7	7.0	7.7	2.7
15	9.3	7.3	17.0	0.0
15	6.0	9.3	10.0	20.3
96	9.7	0.7	6.3	0.0
22	8.7	5.0	2.3	0.0
30	60.0	57.3	58.3	52.3
33	32.3	39.7	47.0	46.7
45	7.0	5.0	0.0	0.0
17	141.7	240.3	132.3	95.7
44	7.0	9.3	3.7	0.0
42	2.7	1.3	0.0	5.0
19	1.3	0.0	0.7	0.0
21	9.3	9.0	8.3	7.3
36	7.0	5.7	10.7	5.0
14	29.0	30.7	27.0	32.3
13	1.7	4.7	0.0	6.7
12	3.3	0.7	0.0	8.7
11	5.3	4.0	1.3	0.0
29	82.7	26.3	11.3	7.3
45	122.0	0.0	0.0	17.3
48	0.0	67.3	40.3	0.0
29	5.7	0.0	1.7	0.0
27	1.0	0.0	0.0	0.0
211	67.7	71.0	37.0	45.0
30	24.3	23.3	17.7	18.7
26	39.3	28.7	38.7	24.0
28	18.3	15.0	21.7	12.3
29	33.0	37.7	30.3	27.3
26	32.3	32.3	32.0	30.3
27	30.7	29.0	28.0	28.7
28	3.7	4.3	1.7	2.0
29	0.0	21.7	0.0	19.0
28	20.0	0.0	20.7	19.0
26	34.7	33.7	38.0	30.0
23	19.7	17.0	18.7	15.7
23	23.0	20.7	14.7	14.0
29	23.7	32.0	31.3	19.0
28	35.3	30.3	22.0	34.3
25	12.7	15.0	19.3	18.3
30	19.7	24.0	7.3	16.3
73	0.7	0.0	0.0	0.0
9	1.0	0.0	0.0	0.0
21	5.7	7.0	0.0	1.3
31	1.7	1.3	0.0	0.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
21	1.3	0.0	0.0	4.3
57	305.7	329.7	277.0	151.3
73	93.0	134.0	76.7	44.3
48	76.3	68.3	68.0	43.0
57	97.0	90.3	115.0	28.7
20	29.0	28.7	19.7	21.0
23	14.0	17.3	7.7	8.3
87	21.0	34.7	23.0	60.0
11	0.0	0.0	0.0	1.3
93	4.3	0.0	0.0	1.0
58	20.0	19.3	5.7	0.0
55	0.0	0.0	0.7	1.3
17	9.3	11.7	10.0	14.7
36	1.3	4.0	5.3	8.3
148	0.0	0.0	1.3	5.7
13	1.3	0.0	0.0	0.0
25	0.7	0.0	0.0	0.0
63	4.3	5.7	5.0	33.3
65	24.7	21.3	29.3	73.0
27	0.7	0.0	0.0	0.0
100	8.7	6.3	10.7	25.0
41	0.0	0.0	1.3	0.0
41	0.0	0.0	0.0	3.0
31	7.7	5.7	11.0	11.3
34	0.0	0.0	1.3	0.0
28	42.3	46.7	38.3	46.7
42	31.3	32.3	24.0	17.7
51	0.7	0.0	2.3	0.0
68	0.0	0.0	15.0	0.0
47	0.7	0.7	0.0	0.0
13	0.0	0.0	0.0	4.0
12	8.7	3.3	12.3	0.0
11	0.0	0.0	14.0	0.0
11	12.3	11.7	54.3	2.3
13	16.0	13.7	67.0	5.7
36	0.0	2.0	0.0	1.7
89	24.7	16.0	10.3	5.3
31	0.0	0.0	2.3	0.0
77	0.0	0.0	25.0	0.0
90	0.0	0.0	9.3	0.0
10	2.3	5.3	0.0	0.0
30	25.7	28.7	0.0	35.7
23	14.3	7.7	0.0	13.0
32	0.0	0.0	18.0	0.0
103	60.0	60.3	42.7	49.0
25	11.0	10.7	10.7	12.7
16	0.7	0.0	0.0	0.7
38	15.0	18.3	14.3	21.7
48	7.0	0.0	0.0	14.7
44	0.0	6.0	7.0	0.0
43	58.3	84.7	74.3	103.3
39	116.0	106.3	118.7	143.7
99	3.0	0.7	0.0	2.3
51	14.7	17.7	20.7	19.7
66	165.0	152.0	228.0	285.3
35	9.0	12.7	6.7	10.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
51	11.7	10.0	1.3	1.0
51	30.3	36.0	39.3	9.7
26	0.0	1.3	0.0	0.0
35	17.3	29.3	41.7	34.0
64	1.7	7.0	14.3	21.3
81	43.0	68.3	95.7	100.7
31	23.0	26.3	41.0	50.3
199	6.7	1.0	0.0	4.7
23	3.3	3.0	0.0	0.0
189	1.7	0.0	20.7	0.0
181	8.0	0.0	3.3	0.0
23	2.0	0.0	24.0	0.0
24	33.3	31.3	34.7	12.0
24	59.0	57.3	6.7	38.3
23	11.7	7.0	8.0	0.0
23	0.0	0.0	0.7	0.0
23	17.7	14.3	8.0	6.3
25	0.7	0.0	0.0	0.0
24	154.0	143.3	170.3	227.3
24	18.3	13.0	12.7	23.7
24	0.0	0.0	0.7	0.0
27	9.7	4.0	0.0	0.0
24	21.3	20.0	12.3	6.0
23	13.7	10.0	11.3	5.3
24	10.3	11.0	8.7	8.3
16	0.0	0.0	1.0	0.0
19	4.7	0.0	0.0	0.0
21	35.7	34.3	18.3	17.3
21	38.3	35.3	30.0	24.3
26	18.3	14.3	10.7	12.7
19	2.3	1.7	1.3	0.0
45	1.3	0.0	5.7	0.0
147	3.0	3.3	1.3	14.7
37	22.7	16.0	1.7	0.0
130	1.0	0.0	0.0	0.0
55	7.0	0.7	0.0	0.0
57	1.3	0.7	0.0	0.0
35	1.7	0.0	0.0	0.0
39	1.0	2.7	3.0	24.0
23	2.3	0.0	2.7	0.0
50	8.7	12.0	11.7	0.0
14	0.0	0.0	1.7	1.3
18	14.7	17.3	10.7	18.7
24	123.0	117.7	180.0	174.0
24	16.3	15.7	44.0	48.0
26	8.7	7.7	14.0	31.3
26	8.0	9.3	5.0	0.0
33	1.3	1.7	0.0	0.0
50	93.7	105.3	102.3	54.3
51	191.0	208.0	180.0	93.0
47	290.7	313.7	328.7	318.3
115	7.0	11.7	0.0	9.0
46	4.0	1.7	3.0	7.7
35	2.7	1.7	1.3	0.0
36	4.0	1.0	0.0	0.0
37	12.3	6.7	1.7	0.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
38	1.0	0.0	0.0	0.0
22	2.0	4.7	0.0	0.0
52	196.7	168.3	143.7	101.0
65	408.0	361.7	252.0	168.3
53	0.0	0.0	0.0	3.3
50	0.0	0.0	0.0	3.3
41	0.0	0.0	6.0	10.3
53	0.0	0.0	4.7	17.0
51	1.3	1.7	9.3	25.3
39	7.0	6.7	4.7	5.0
27	5.7	8.7	3.3	5.3
49	8.7	9.7	7.7	1.3
9	0.0	12.7	7.7	15.0
36	0.0	0.0	0.0	13.7
79	0.0	1.0	0.0	0.0
65	7.7	7.0	8.7	0.7
41	0.0	13.7	0.0	4.7
37	15.3	0.0	0.0	4.7
33	0.0	0.0	11.3	4.7
36	16.0	9.3	4.0	4.0
58	6.0	5.0	5.3	1.0
107	2.3	2.3	0.0	0.0
39	8.7	8.7	0.0	1.0
113	6.7	12.3	0.0	3.3
97	0.7	0.0	0.0	0.0
32	8.7	9.0	9.0	7.7
37	0.0	0.0	0.0	2.7
39	35.0	43.7	43.0	63.0
76	28.0	41.3	30.7	57.7
77	7.3	25.3	18.3	4.0
46	0.0	0.0	7.0	0.0
45	0.0	0.0	142.7	10.0
45	0.0	0.0	64.3	13.0
42	0.0	0.0	16.3	0.0
43	90.7	79.0	54.0	60.0
69	2456.3	1911.7	2277.3	3515.0
25	39.7	41.0	48.0	44.7
58	0.0	1.0	5.0	2.0
31	4.7	9.3	0.7	2.0
47	0.7	3.0	7.7	10.3
44	86.7	100.3	111.3	126.0
21	28.0	25.3	24.3	21.7
25	54.7	62.7	43.3	56.7
20	17.3	18.0	22.7	16.0
30	3.7	2.0	1.7	0.0
88	0.0	0.0	11.0	0.0
17	42.7	41.7	64.3	45.7
14	6.3	3.3	4.3	0.0
18	12.7	0.0	0.0	0.0
8	1.3	2.0	0.0	0.0
113	10.3	8.7	0.0	20.0
110	0.0	0.0	6.3	20.0
112	13.3	13.3	14.3	38.0
114	45.3	59.0	49.0	126.7
35	0.0	0.0	0.0	0.7
32	30.7	20.7	46.3	49.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
56	20.0	21.3	14.3	31.7
54	1.0	0.0	0.0	0.0
55	3.0	4.3	0.0	13.7
31	1.3	1.7	0.0	0.0
35	0.7	0.0	0.0	1.0
79	0.0	2.7	0.0	11.0
38	15.7	2.7	0.0	0.0
20	2.0	1.0	0.0	0.0
92	14.0	13.7	8.0	13.0
52	1.7	3.0	4.0	1.7
35	0.0	0.0	0.0	1.0
282	14.3	3.7	4.3	0.0
62	7.0	6.7	5.3	16.7
32	180.0	161.7	231.3	210.7
23	52.3	63.3	68.0	78.3
13	21.3	21.0	33.3	34.3
18	17.0	15.0	18.0	24.7
39	89.0	60.3	78.3	95.0
12	18.3	27.0	4.3	20.3
17	37.3	18.0	20.0	26.7
71	1.3	2.3	4.3	19.0
252	0.0	0.0	0.0	1.7
48	10.3	13.7	9.3	7.0
55	62.0	61.7	74.0	93.0
52	1.7	0.0	0.0	0.0
90	0.0	0.0	0.7	0.0
19	7.0	6.3	4.7	0.0
98	13.0	11.0	16.7	24.7
22	13.7	17.7	24.3	21.7
39	31.3	37.0	35.7	18.7
74	87.0	100.3	128.0	95.3
63	9.0	8.0	7.0	2.7
24	15.0	16.0	17.0	17.7
17	2.3	4.7	2.7	8.7
73	184.7	205.0	206.0	225.0
32	50.7	48.0	53.0	59.7
19	2.3	0.7	0.0	5.3
59	13.3	8.7	17.3	13.7
36	23.0	26.0	24.7	31.0
50	29.3	45.0	52.0	59.0
47	5.3	0.7	4.0	0.0
56	144.0	154.0	180.3	180.7
56	0.0	0.0	0.0	0.7
39	5.0	0.0	0.0	0.0
41	3.3	6.3	8.0	7.0
16	16.7	13.7	14.3	14.0
25	33.3	34.0	54.0	44.0
61	0.0	0.0	2.0	0.0
42	14.0	13.7	5.0	3.3
21	9.0	10.3	8.0	7.7
25	10.0	14.7	1.3	3.7
26	7.7	4.7	3.3	1.0
16	0.0	36.0	0.0	0.0
29	34.7	39.3	35.3	27.0
21	41.0	0.0	29.3	34.0
32	14.3	12.0	8.7	3.7

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
60	80.3	82.3	43.3	35.0
57	188.0	175.0	142.3	73.0
58	110.7	100.3	78.0	56.7
60	70.3	65.7	59.3	35.3
59	139.0	144.3	127.7	79.0
61	100.0	86.3	81.3	47.0
60	141.7	137.0	107.7	63.0
58	68.7	54.7	44.0	17.0
58	41.7	46.7	35.7	21.7
56	0.0	0.0	1.3	0.0
77	0.0	0.0	0.0	1.0
50	43.0	52.3	71.7	84.0
57	87.3	96.0	130.0	168.0
241	13.3	8.3	3.3	2.0
109	0.0	0.0	0.0	1.3
29	32.0	27.7	39.0	21.3
35	2.7	4.3	0.0	0.0
28	12.0	12.3	10.7	16.0
23	1.7	0.7	0.0	1.3
26	1.0	7.0	0.0	4.0
26	0.0	0.0	0.7	0.7
126	0.0	0.0	1.3	7.7
77	19.7	14.3	16.7	36.0
19	0.7	0.0	0.0	0.0
14	0.0	0.7	0.0	0.0
60	9.3	9.0	6.0	0.0
67	33.7	32.3	39.0	67.7
12	0.0	0.0	2.0	0.0
9	6.3	1.7	0.0	0.0
60	0.7	1.3	0.0	0.0
57	11.7	6.7	0.0	15.0
26	7.3	4.3	4.0	8.0
32	6.0	5.0	0.0	0.0
39	40.0	38.7	39.0	30.3
83	2.7	1.7	0.7	0.0
31	0.0	0.0	0.0	0.7
29	0.0	1.3	0.0	0.0
50	0.0	0.0	25.0	0.0
54	6.7	7.7	4.3	6.0
66	4.3	1.7	1.0	0.0
20	1.3	0.0	0.0	0.0
40	1.0	4.3	1.3	2.7
38	9.3	14.3	3.7	5.0
12	7.0	10.0	2.7	6.7
18	4.0	5.3	2.0	0.0
29	30.7	32.0	36.7	53.7
35	0.0	0.0	1.3	0.0
50	3.0	0.7	0.0	0.0
22	0.0	0.0	10.3	0.0
89	195.3	203.3	220.0	182.7
68	0.0	0.0	7.7	0.0
20	0.0	0.0	2.7	0.0
26	21.3	28.3	20.3	9.0
77	0.7	0.0	1.3	2.3
33	11.7	12.7	5.0	0.7
88	5.0	0.7	0.0	0.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
32	8.0	8.7	4.7	5.7
20	21.7	24.0	7.7	13.7
68	0.0	1.3	0.0	0.0
21	2.7	0.0	0.0	1.3
20	25.3	22.0	21.7	42.7
25	7.0	7.3	4.3	4.7
25	53.7	55.0	57.7	44.0
23	29.7	22.0	12.7	18.3
25	0.0	1.3	0.0	0.0
26	15.3	25.3	26.0	9.3
26	3.0	0.7	6.0	0.0
25	24.0	28.7	16.0	15.3
27	35.7	21.0	17.7	23.0
26	1.7	0.0	2.0	0.0
22	26.3	25.0	27.3	33.3
16	0.0	0.0	0.0	2.0
19	32.0	28.0	35.0	34.3
39	0.0	1.3	0.0	0.0
21	0.0	2.0	0.0	2.3
63	0.0	6.0	5.3	8.7
18	8.3	8.7	13.0	20.7
17	0.0	2.3	1.0	0.0
16	9.7	7.7	6.7	18.3
34	15.0	15.3	7.3	17.3
83	500.0	551.3	546.7	530.3
51	222.0	238.7	257.0	251.0
31	61.3	55.7	73.0	74.7
66	0.0	0.0	2.0	0.0
83	1.3	1.0	1.3	8.3
138	93.7	87.7	32.3	70.3
29	0.0	0.0	3.3	0.0
53	16.0	19.0	8.3	0.7
40	0.7	0.0	0.0	0.0
50	4.0	2.3	8.0	4.0
50	7.3	9.0	16.3	12.7
50	436.0	488.7	560.0	541.7
50	0.0	0.0	8.0	0.0
50	0.0	0.0	10.7	0.0
50	0.0	0.0	1.0	1.3
50	9.3	5.3	18.3	3.3
50	628.7	701.7	865.7	810.3
50	1.0	0.0	10.0	0.0
19	1.3	1.0	0.0	2.3
52	0.7	0.0	0.0	0.0
128	33.3	37.7	26.0	37.0
26	14.3	11.0	7.7	6.3
26	13.0	11.0	8.7	10.7
27	1.3	4.0	0.0	0.0
18	49.0	52.7	19.7	42.0
17	1.0	0.0	0.0	0.0
118	44.3	48.3	37.0	22.3
118	3.7	1.0	0.0	0.0
57	0.0	0.7	1.0	0.0
57	0.0	1.0	0.0	0.0
177	89.0	52.3	14.7	25.3
175	2.0	0.0	0.0	0.0

Contd....

Supplementary Table 1: Contd...

MW	Average SC			
	F1	F2	F3	M
63	0.7	0.0	1.7	2.3
67	0.7	0.0	0.0	0.0
17	4.7	0.7	0.0	0.0
34	0.0	0.0	0.0	5.3
63	0.0	0.0	0.0	2.3
24	7.3	3.7	1.7	6.3
37	145.3	95.0	112.3	100.3
20	9.3	10.7	8.7	9.7
19	4.0	5.3	5.7	15.0
119	6.0	0.7	1.0	6.0
25	4.3	1.0	0.7	2.3
42	2.0	0.0	0.0	2.3
34	9.7	7.3	7.7	14.0
62	0.0	0.0	0.0	0.7
41	15.7	21.7	19.7	35.0
24	14.3	10.0	15.7	19.7
29	0.0	0.0	0.0	4.3
104	0.0	0.0	0.0	1.0
36	0.0	1.0	3.0	1.0
197	0.0	0.0	0.7	0.0
19	11.3	17.0	20.7	47.0
21	0.0	0.0	0.0	0.7
147	21.0	28.3	44.3	112.7
69	24.3	24.0	10.7	0.0
21	0.0	1.3	3.0	6.3
42	5.0	1.0	6.7	2.7
23	16.0	12.3	25.3	26.7
19	8.7	6.7	1.0	0.0
18	0.0	1.0	0.0	0.0
24	7.7	7.7	6.3	9.7
11	4.3	6.3	3.0	1.0
6	5.7	1.3	5.7	0.0
57	0.0	0.0	14.3	4.7
56	15.7	16.7	0.0	4.7
41	0.0	0.0	1.3	0.0
356	0.0	2.3	0.0	3.7
33	0.0	0.0	0.0	1.0
140	165.7	141.0	28.0	1.7
70	90.3	108.0	144.7	109.0
11	45.0	43.3	38.7	28.3
16	0.0	1.3	0.0	0.0
33	47.7	39.7	34.0	43.3
83	19.7	18.7	6.0	2.0
25	16.3	8.7	4.3	0.0
40	59.7	67.0	61.3	35.3
54	1.7	1.0	0.0	0.0
117	2.3	0.0	0.0	0.0
20	0.0	0.7	0.0	0.0
31	5.3	2.3	4.3	0.0
33	23.7	21.0	9.7	3.0
31	21.7	15.0	4.7	4.3
129	26.0	25.3	27.3	31.7
32	4.7	1.3	0.0	1.3
68	20.7	3.0	3.3	0.7
57	12.0	2.0	0.0	0.0
40	3.7	1.3	0.0	0.0

Contd....

Supplementary Table 1: Contd...

<i>MW</i>	<i>Average SC</i>			
	<i>F1</i>	<i>F2</i>	<i>F3</i>	<i>M</i>
14	1.0	0.0	0.0	0.0
28	29.7	29.0	29.0	36.3
214	0.0	0.7	5.7	15.0
34	0.0	0.0	0.0	1.3
103	0.0	0.0	0.0	1.7
149	0.0	0.0	6.3	10.3
192	0.0	0.7	0.0	12.0
75	2.0	0.0	0.0	0.0
39	2.0	0.0	0.0	0.0
42	0.0	0.0	0.0	6.7
55	0.0	0.0	0.0	1.3
34	24.3	7.7	2.3	7.0
40	188.3	209.3	270.7	348.7
39	13.0	20.3	17.7	24.3

MW: molecular weight; SC: spectral count