

Data supplement

Table DS1 Receiver operation characteristic analysis for optimum cut-off for predicting response (percentage reductions not achieved by the patients are omitted from the table)

Early improvement, %	Sensitivity	Specificity	PV+	PV–	Early improvement, %	Sensitivity	Specificity	PV+	PV–
2	0.96	0.22	0.68	0.75	44	0.55	0.74	0.79	0.49
3	0.94	0.22	0.67	0.68	45	0.55	0.77	0.80	0.50
4	0.94	0.23	0.68	0.70	46	0.55	0.80	0.82	0.50
6	0.93	0.23	0.68	0.67	47	0.53	0.81	0.83	0.50
7	0.92	0.25	0.68	0.63	48	0.50	0.81	0.82	0.49
8	0.91	0.25	0.68	0.61	49	0.47	0.81	0.81	0.47
9	0.91	0.26	0.68	0.62	50	0.45	0.81	0.80	0.46
10	0.90	0.29	0.69	0.62	51	0.43	0.81	0.80	0.45
11	0.90	0.30	0.69	0.64	52	0.40	0.81	0.79	0.44
12	0.87	0.30	0.68	0.58	53	0.40	0.83	0.80	0.45
13	0.85	0.30	0.68	0.54	56	0.40	0.84	0.81	0.45
14	0.85	0.32	0.68	0.55	57	0.39	0.88	0.85	0.46
15	0.84	0.33	0.68	0.55	59	0.39	0.88	0.85	0.46
16	0.83	0.33	0.68	0.53	60	0.38	0.88	0.85	0.45
17	0.82	0.35	0.68	0.52	61	0.36	0.91	0.88	0.45
18	0.81	0.36	0.69	0.52	62	0.34	0.91	0.87	0.44
19	0.80	0.38	0.69	0.52	63	0.32	0.91	0.86	0.44
20	0.80	0.41	0.70	0.54	64	0.31	0.91	0.86	0.43
21	0.78	0.42	0.70	0.53	65	0.30	0.91	0.86	0.43
22	0.78	0.45	0.71	0.54	67	0.29	0.91	0.85	0.43
23	0.76	0.45	0.71	0.53	68	0.26	0.93	0.86	0.42
24	0.76	0.46	0.71	0.53	69	0.26	0.94	0.89	0.42
25	0.76	0.46	0.71	0.52	70	0.24	0.94	0.88	0.42
26	0.76	0.51	0.73	0.55	71	0.23	0.96	0.90	0.42
28	0.75	0.54	0.74	0.55	72	0.22	0.96	0.90	0.42
30	0.71	0.55	0.73	0.53	73	0.20	0.96	0.89	0.41
31	0.69	0.61	0.75	0.53	74	0.18	0.96	0.88	0.40
32	0.69	0.62	0.76	0.54	75	0.17	0.97	0.91	0.40
33	0.67	0.64	0.76	0.53	76	0.15	0.99	0.95	0.40
34	0.67	0.67	0.78	0.54	77	0.14	0.99	0.94	0.40
35	0.66	0.67	0.77	0.53	78	0.12	0.99	0.93	0.39
36	0.64	0.68	0.78	0.52	79	0.11	0.99	0.93	0.39
37	0.63	0.70	0.78	0.52	80	0.09	0.99	0.92	0.39
38	0.61	0.70	0.77	0.51	82	0.08	0.99	0.91	0.38
39	0.60	0.71	0.78	0.51	83	0.05	0.99	0.86	0.38
40	0.58	0.71	0.78	0.49	87	0.05	1.00	1.00	0.38
41	0.57	0.72	0.78	0.50	90	0.04	1.00	1.00	0.38
42	0.56	0.72	0.78	0.49	92	0.03	1.00	1.00	0.38
43	0.55	0.72	0.78	0.49	93	0.03	1.00	1.00	0.37
					100	0.02	1.00	1.00	0.37

PV+, positive predictive value; PV–, negative predictive value.
Figures in bold, best-fitting cut-off to predict response.

Table DS2 Receiver operating characteristic analysis for optimum cut-off for predicting remission (percentage reductions not achieved by the patients are omitted from the table)

Early improvement, %	Sensitivity	Specificity	PV+	PV-	Early improvement, %	Sensitivity	Specificity	PV+	PV-
2	0.94	0.18	0.65	0.65	44	0.54	0.71	0.75	0.49
3	0.93	0.19	0.65	0.64	45	0.54	0.74	0.77	0.50
4	0.92	0.19	0.65	0.61	46	0.53	0.76	0.78	0.50
6	0.92	0.21	0.65	0.62	47	0.52	0.78	0.79	0.50
7	0.91	0.22	0.65	0.59	48	0.50	0.79	0.79	0.50
8	0.90	0.22	0.65	0.57	49	0.48	0.82	0.81	0.50
9	0.89	0.22	0.65	0.55	50	0.47	0.85	0.83	0.50
10	0.89	0.26	0.66	0.59	51	0.46	0.85	0.83	0.49
11	0.89	0.28	0.66	0.61	52	0.43	0.85	0.82	0.48
12	0.87	0.29	0.66	0.58	53	0.43	0.86	0.83	0.48
13	0.84	0.29	0.66	0.54	56	0.42	0.86	0.83	0.48
14	0.84	0.29	0.66	0.52	57	0.40	0.88	0.84	0.47
15	0.83	0.31	0.66	0.52	59	0.39	0.88	0.83	0.47
16	0.82	0.31	0.66	0.51	60	0.38	0.88	0.83	0.47
17	0.81	0.33	0.66	0.52	61	0.36	0.90	0.86	0.47
18	0.80	0.35	0.66	0.52	62	0.35	0.93	0.89	0.47
19	0.80	0.38	0.67	0.54	63	0.34	0.93	0.89	0.47
20	0.79	0.39	0.68	0.54	64	0.33	0.93	0.88	0.46
21	0.78	0.42	0.68	0.55	65	0.32	0.93	0.88	0.46
22	0.78	0.43	0.69	0.54	67	0.30	0.93	0.88	0.45
23	0.76	0.43	0.68	0.53	68	0.28	0.94	0.89	0.45
24	0.76	0.44	0.69	0.53	69	0.28	0.96	0.91	0.45
25	0.75	0.44	0.69	0.52	70	0.26	0.96	0.91	0.45
26	0.74	0.47	0.69	0.53	71	0.24	0.97	0.93	0.44
28	0.74	0.51	0.71	0.55	72	0.23	0.97	0.93	0.44
30	0.72	0.54	0.72	0.54	73	0.22	0.97	0.93	0.43
31	0.67	0.57	0.72	0.52	74	0.20	0.97	0.92	0.43
32	0.67	0.58	0.72	0.52	75	0.17	0.97	0.91	0.42
33	0.66	0.61	0.73	0.53	76	0.15	0.97	0.89	0.41
34	0.66	0.62	0.74	0.53	77	0.14	0.97	0.89	0.41
35	0.64	0.62	0.73	0.52	78	0.12	0.99	0.93	0.41
36	0.62	0.64	0.73	0.51	79	0.11	0.99	0.93	0.41
37	0.60	0.64	0.73	0.50	80	0.09	0.99	0.92	0.40
38	0.59	0.65	0.73	0.49	82	0.09	0.99	0.91	0.40
39	0.58	0.67	0.74	0.49	83	0.05	0.99	0.86	0.39
40	0.58	0.69	0.75	0.51	87	0.05	1.00	1.00	0.40
41	0.56	0.69	0.75	0.50	90	0.04	1.00	1.00	0.39
42	0.56	0.71	0.76	0.50	92	0.03	1.00	1.00	0.39
43	0.55	0.71	0.75	0.50	93	0.03	1.00	1.00	0.39
					100	0.02	1.00	1.00	0.39

PV+, positive predictive value; PV-, negative predictive value.
Figures in bold, best-fitting cut-off to predict response.