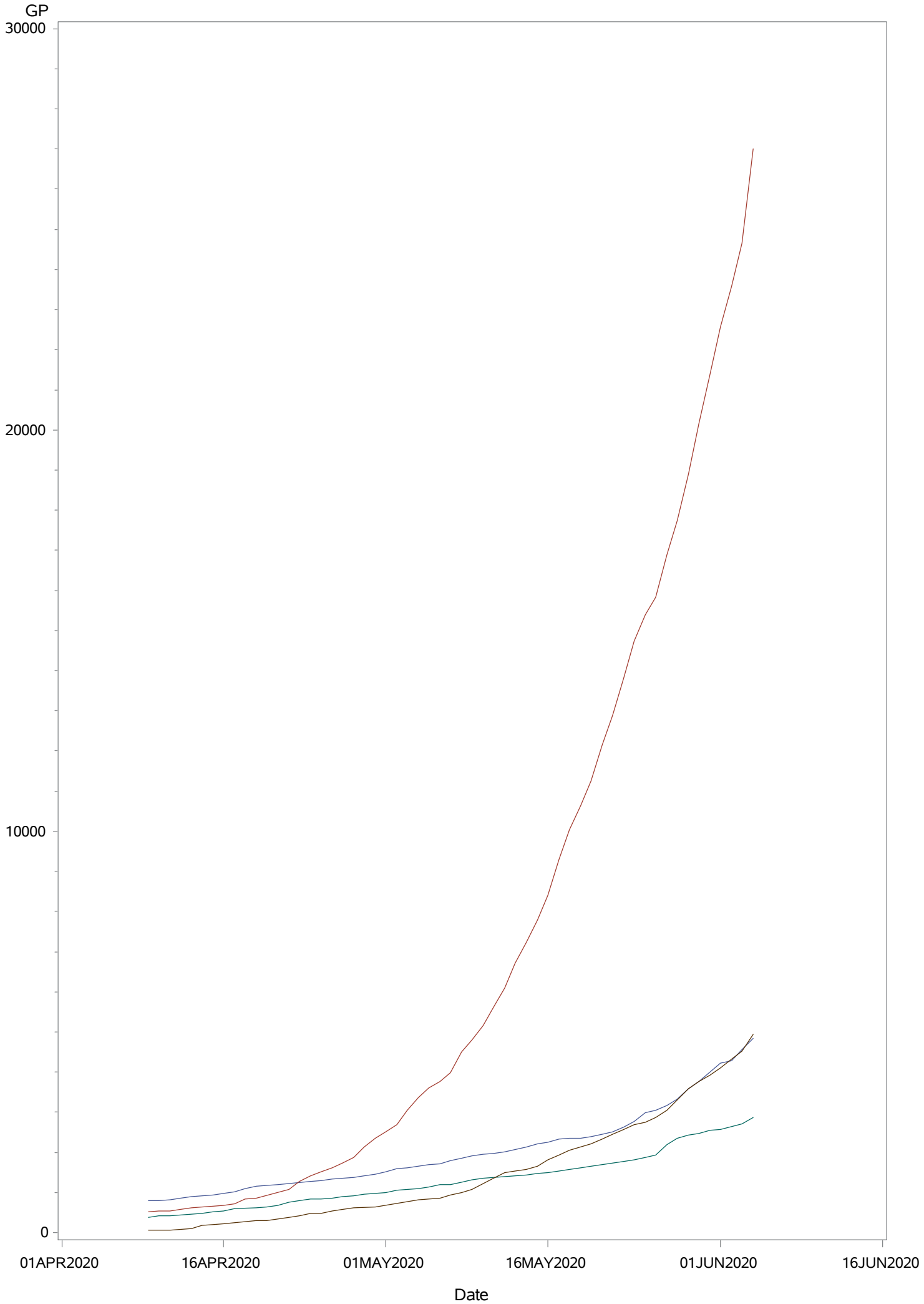
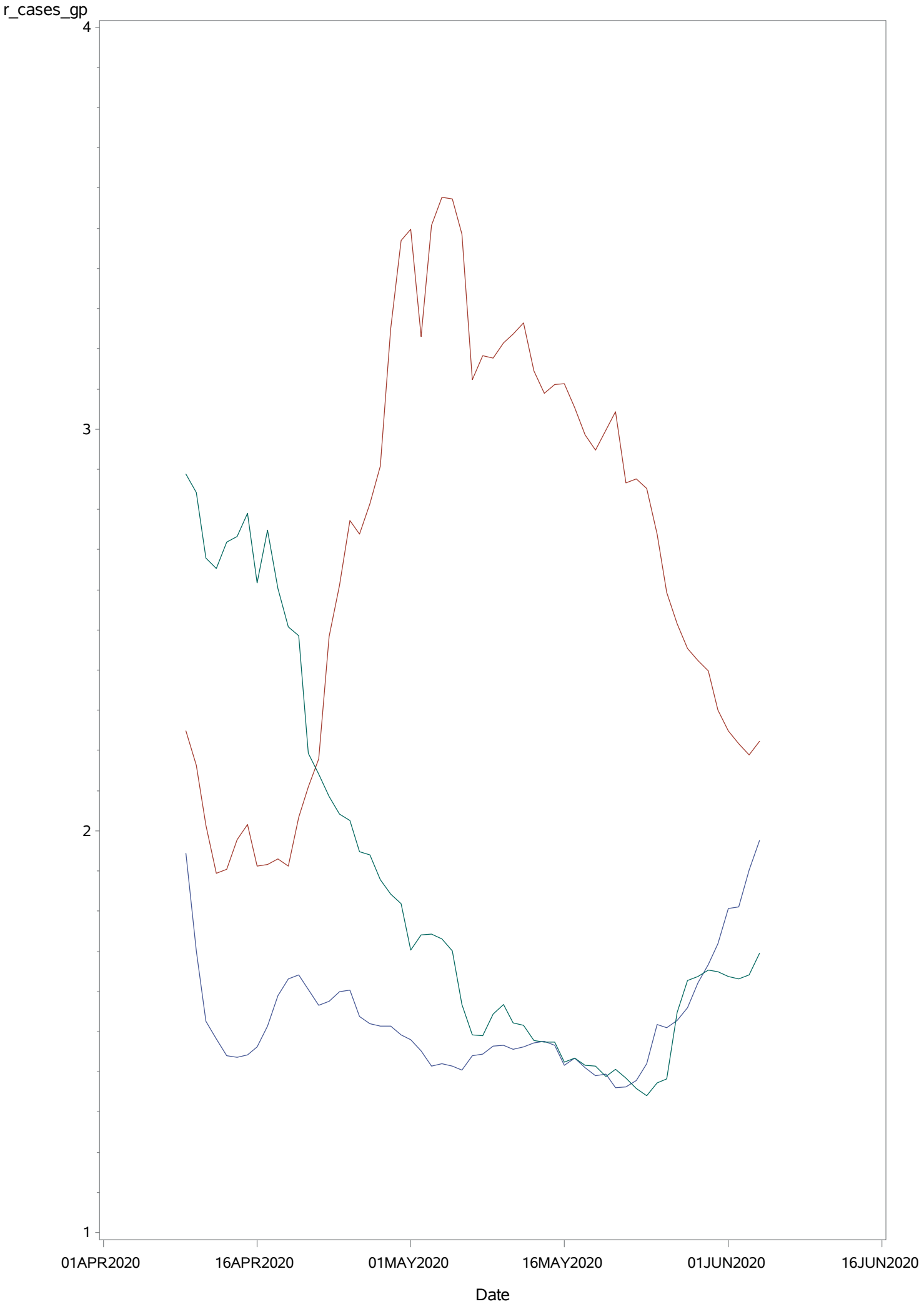
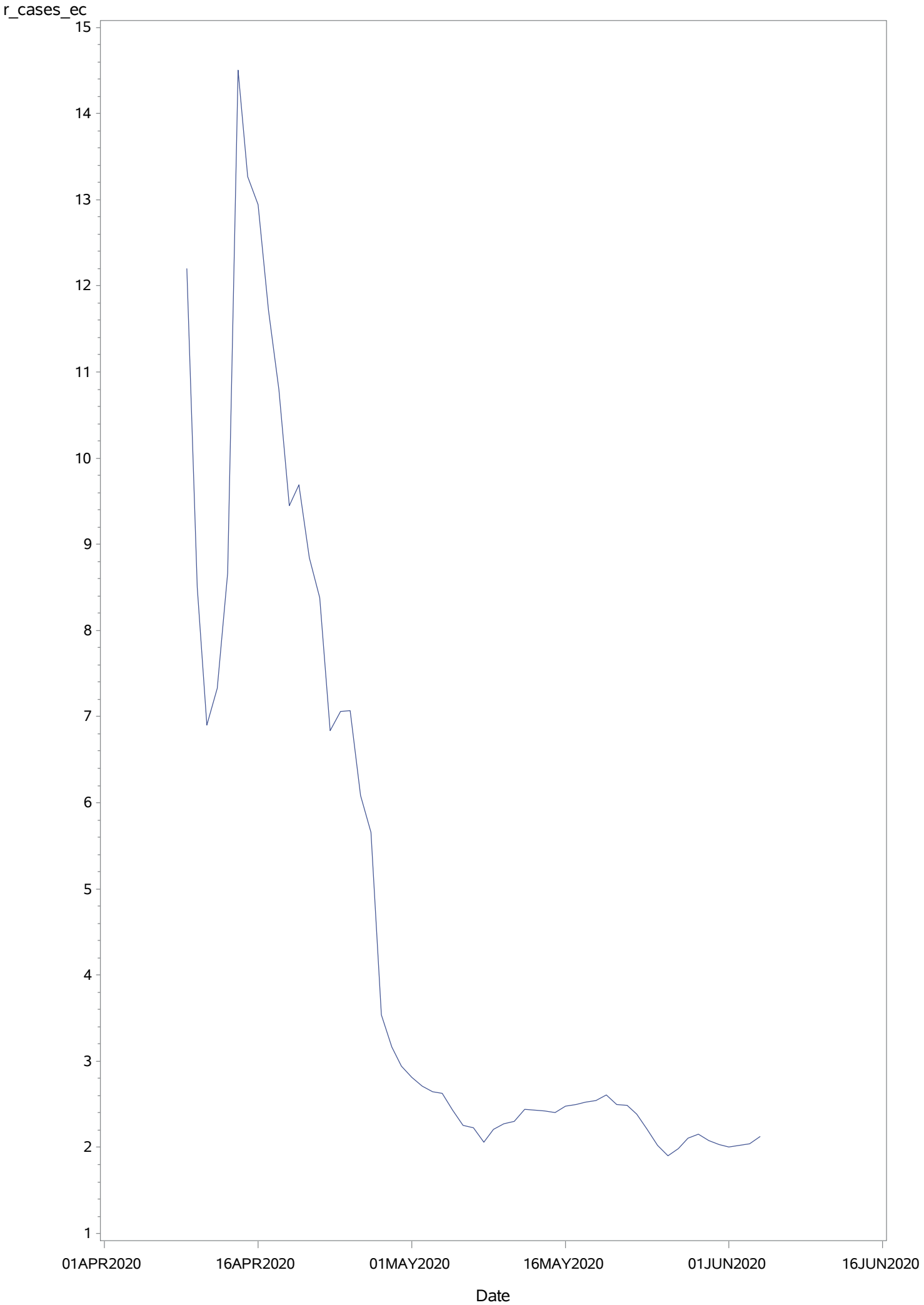

GP
30000
20000
10000
0
01APR2020
16APR2020
01MAY2020
16MAY2020
01JUN2020
16JUN2020
Date


r_cases_gp
4
3
2
1
01APR2020
16APR2020
01MAY2020
16MAY2020
01JUN2020
16JUN2020
Date


r_cases_ec
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
01APR2020
16APR2020
01MAY2020
16MAY2020
01JUN2020
16JUN2020
Date

	x1s_pm	x1s_m	x2s_pm	x2s_m	r2_m	bh_m
BBBBB	5	25	46	66	0.8197915	3.2050792
						-0.066555
						0.0631645
						0.0517282

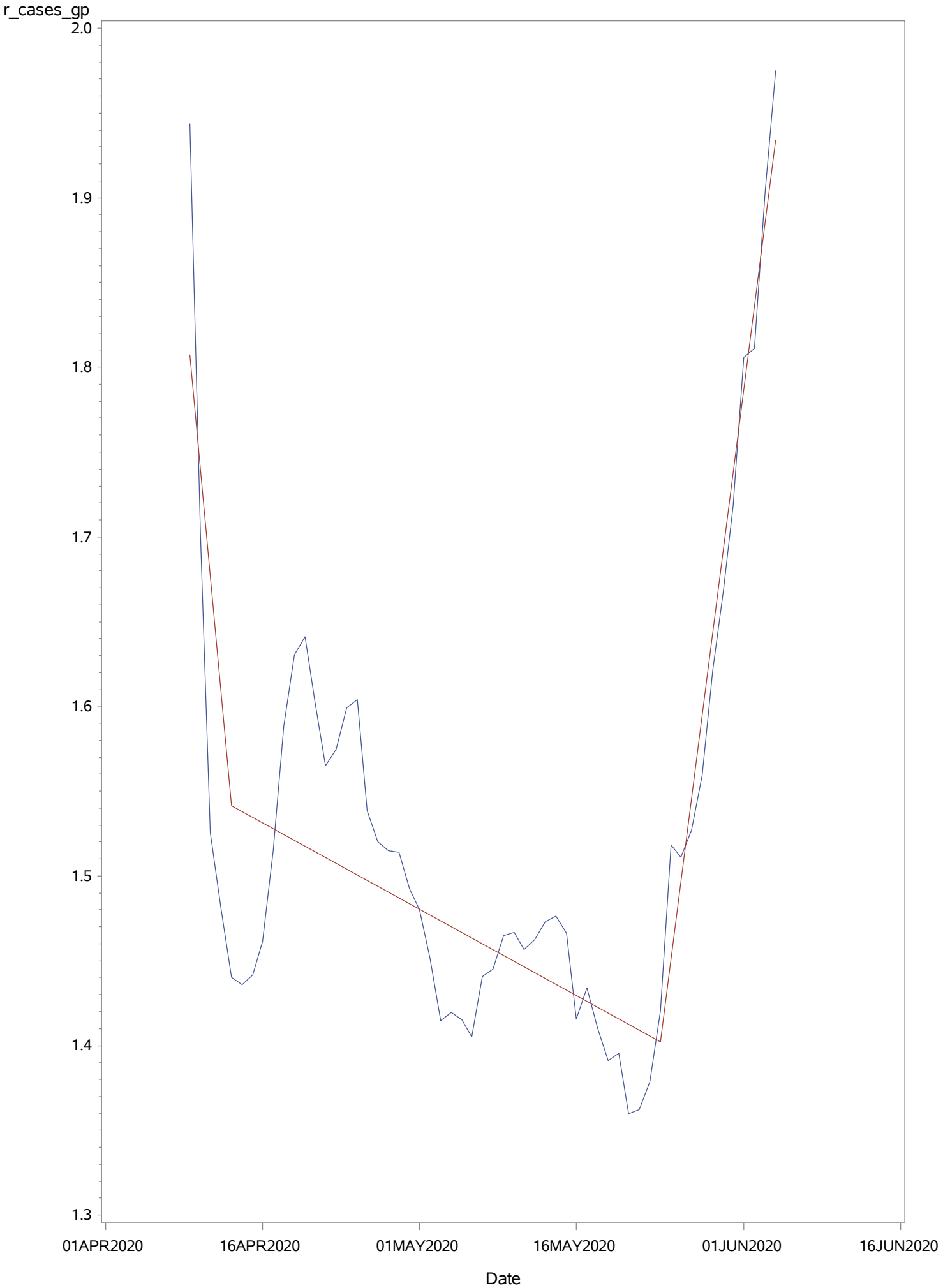
x_m			
1	21	0	0
1	22	0	0
1	23	0	0
1	24	0	0
1	25	0	0
1	26	1	0
1	27	2	0
1	28	3	0
1	29	4	0
1	30	5	0
1	31	6	0
1	32	7	0
1	33	8	0
1	34	9	0
1	35	10	0
1	36	11	0
1	37	12	0
1	38	13	0
1	39	14	0
1	40	15	0
1	41	16	0
1	42	17	0
1	43	18	0
1	44	19	0
1	45	20	0
1	46	21	0
1	47	22	0
1	48	23	0
1	49	24	0
1	50	25	0
1	51	26	0
1	52	27	0
1	53	28	0
1	54	29	0
1	55	30	0

x_m			
1	56	31	0
1	57	32	0
1	58	33	0
1	59	34	0
1	60	35	0
1	61	36	0
1	62	37	0
1	63	38	0
1	64	39	0
1	65	40	0
1	66	41	0
1	67	42	1
1	68	43	2
1	69	44	3
1	70	45	4
1	71	46	5
1	72	47	6
1	73	48	7
1	74	49	8
1	75	50	9
1	76	51	10
1	77	52	11

seca	secb	secc
3.2050792	1.6259665	-1.788097
-0.066555	-0.00339	0.0483382

r2_m
0.8197915

Structural break data: gp



	x1s_pm	x1s_m	x2s_pm	x2s_m	r2_m	bh_m
BBBBB	10	30	25	45	0.9590447	2.8219057
						-0.032625
						0.1485651
						-0.158337

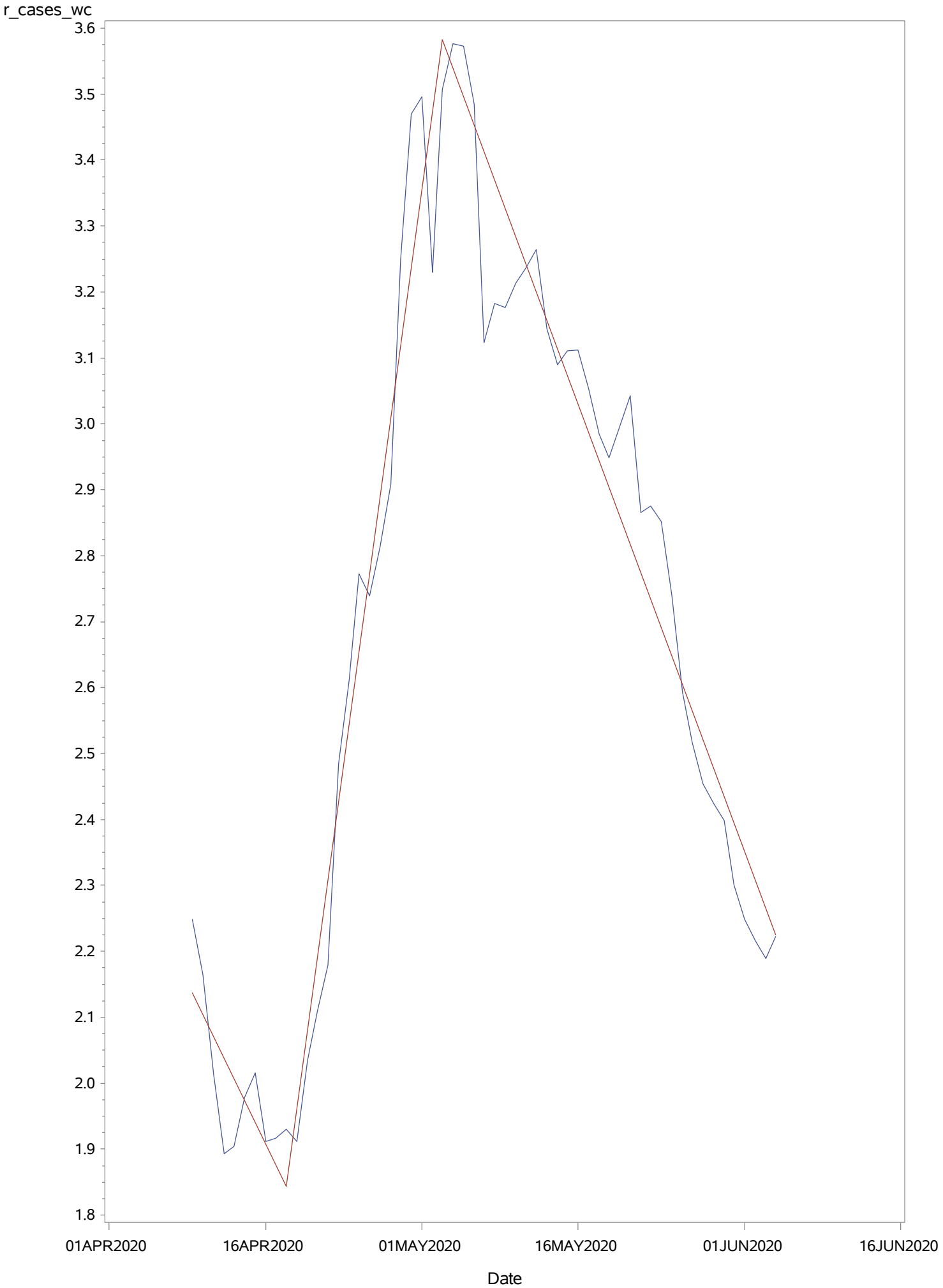
x_m			
1	21	0	0
1	22	0	0
1	23	0	0
1	24	0	0
1	25	0	0
1	26	0	0
1	27	0	0
1	28	0	0
1	29	0	0
1	30	0	0
1	31	1	0
1	32	2	0
1	33	3	0
1	34	4	0
1	35	5	0
1	36	6	0
1	37	7	0
1	38	8	0
1	39	9	0
1	40	10	0
1	41	11	0
1	42	12	0
1	43	13	0
1	44	14	0
1	45	15	0
1	46	16	1
1	47	17	2
1	48	18	3
1	49	19	4
1	50	20	5
1	51	21	6
1	52	22	7
1	53	23	8
1	54	24	9
1	55	25	10

x_m			
1	56	26	11
1	57	27	12
1	58	28	13
1	59	29	14
1	60	30	15
1	61	31	16
1	62	32	17
1	63	33	18
1	64	34	19
1	65	35	20
1	66	36	21
1	67	37	22
1	68	38	23
1	69	39	24
1	70	40	25
1	71	41	26
1	72	42	27
1	73	43	28
1	74	44	29
1	75	45	30
1	76	46	31
1	77	47	32

seca	secb	secc
2.8219057	-1.635047	5.4901182
-0.032625	0.1159397	-0.042397

r2_m
0.9590447

Structural break data: wc



	x1s_pm	x1s_m	x2s_pm	x2s_m	r2_m	bh_m
BBBBB	23	43	44	64	0.9739782	4.1452168
						-0.056397
						0.0383522
						0.0482091

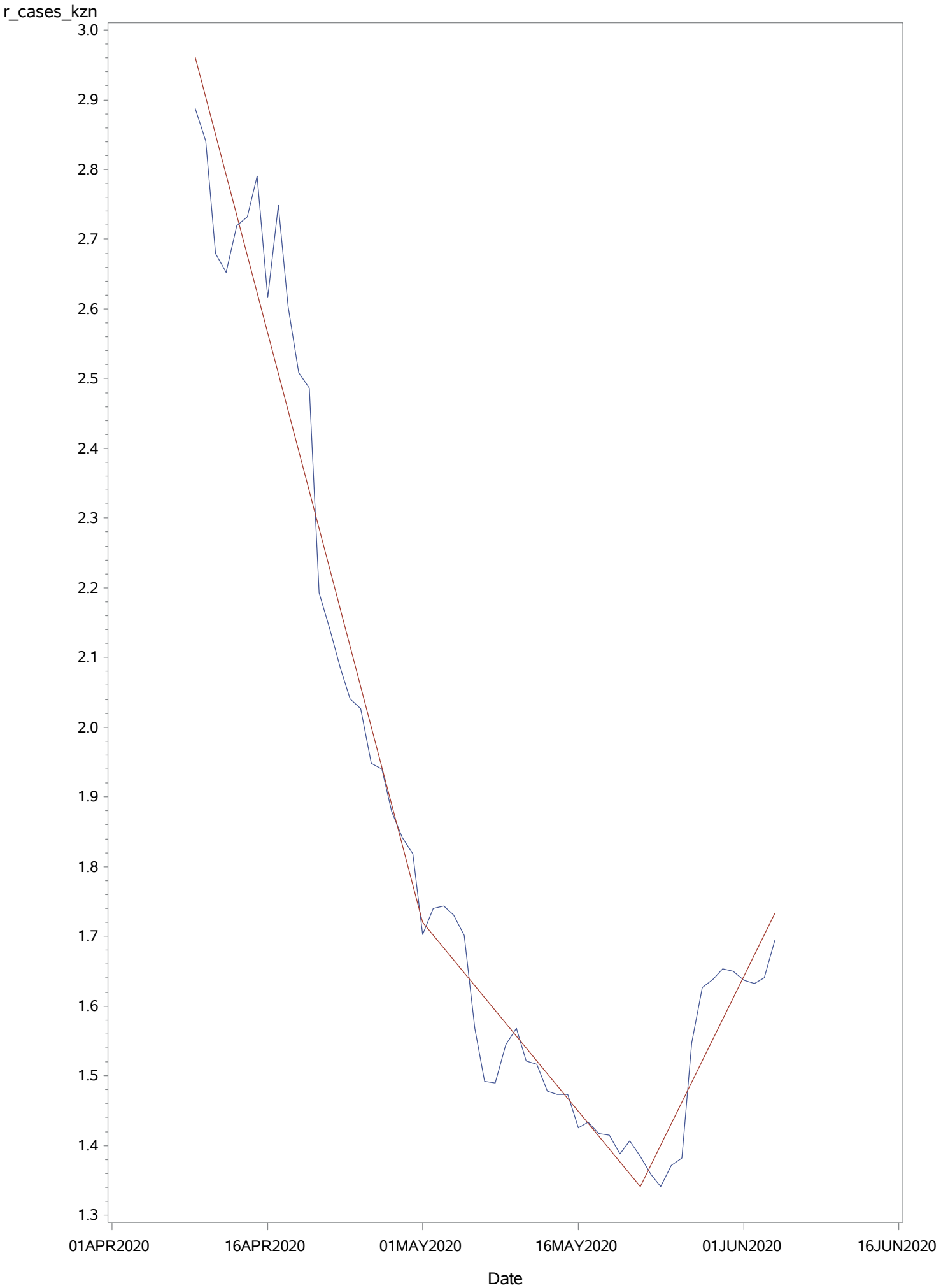
x_m			
1	21	0	0
1	22	0	0
1	23	0	0
1	24	0	0
1	25	0	0
1	26	0	0
1	27	0	0
1	28	0	0
1	29	0	0
1	30	0	0
1	31	0	0
1	32	0	0
1	33	0	0
1	34	0	0
1	35	0	0
1	36	0	0
1	37	0	0
1	38	0	0
1	39	0	0
1	40	0	0
1	41	0	0
1	42	0	0
1	43	0	0
1	44	1	0
1	45	2	0
1	46	3	0
1	47	4	0
1	48	5	0
1	49	6	0
1	50	7	0
1	51	8	0
1	52	9	0
1	53	10	0
1	54	11	0
1	55	12	0

x_m			
1	56	13	0
1	57	14	0
1	58	15	0
1	59	16	0
1	60	17	0
1	61	18	0
1	62	19	0
1	63	20	0
1	64	21	0
1	65	22	1
1	66	23	2
1	67	24	3
1	68	25	4
1	69	26	5
1	70	27	6
1	71	28	7
1	72	29	8
1	73	30	9
1	74	31	10
1	75	32	11
1	76	33	12
1	77	34	13

seca	secb	secc
4.1452168	2.4960733	-0.589309
-0.056397	-0.018045	0.0301642

r2_m
0.9739782

Structural break data: kzn

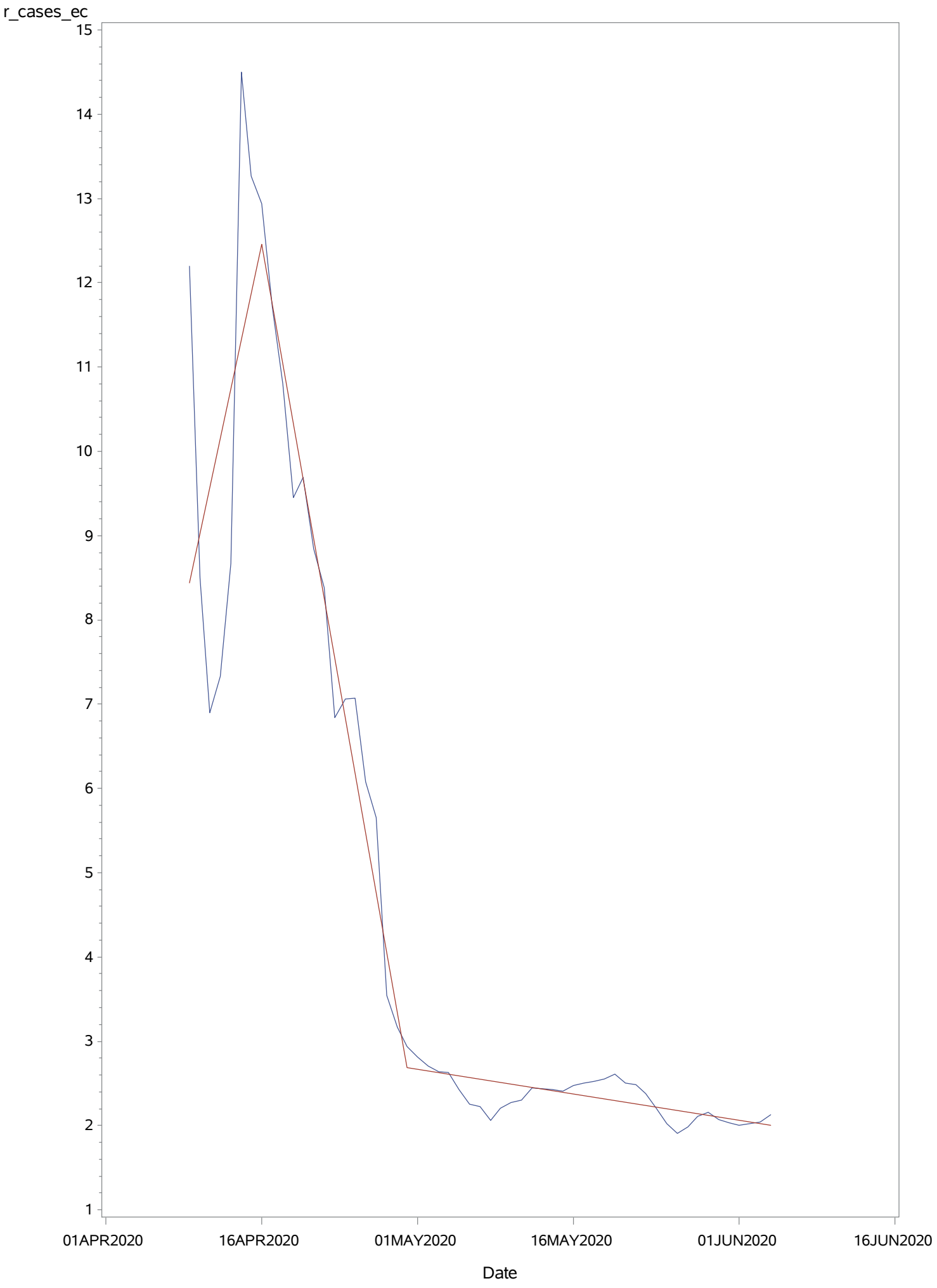


	x1s_pm	x1s_m	x2s_pm	x2s_m	r2_m	bh_m
BBBBB	8	28	22	42	0.9295291	-3.619614
						0.5743
						-1.272419
						0.6785916

x_m			
1	21	0	0
1	22	0	0
1	23	0	0
1	24	0	0
1	25	0	0
1	26	0	0
1	27	0	0
1	28	0	0
1	29	1	0
1	30	2	0
1	31	3	0
1	32	4	0
1	33	5	0
1	34	6	0
1	35	7	0
1	36	8	0
1	37	9	0
1	38	10	0
1	39	11	0
1	40	12	0
1	41	13	0
1	42	14	0
1	43	15	1
1	44	16	2
1	45	17	3
1	46	18	4
1	47	19	5
1	48	20	6
1	49	21	7
1	50	22	8
1	51	23	9
1	52	24	10
1	53	25	11
1	54	26	12
1	55	27	13

x_m			
1	56	28	14
1	57	29	15
1	58	30	16
1	59	31	17
1	60	32	18
1	61	33	19
1	62	34	20
1	63	35	21
1	64	36	22
1	65	37	23
1	66	38	24
1	67	39	25
1	68	40	26
1	69	41	27
1	70	42	28
1	71	43	29
1	72	44	30
1	73	45	31
1	74	46	32
1	75	47	33
1	76	48	34
1	77	49	35

seca	secb	secc
-3.619614	32.008128	3.5072801
0.5743	-0.698119	-0.019528

r2_m
0.9295291

Structural break data: ec