

The figure is a step plot with the x-axis representing time from 0 to 70 and the y-axis representing consumption level. A horizontal dashed line is at the bottom. The green line represents the 'Producer' and the red line represents the 'Consumer'. Yellow shaded regions indicate 'Overconsumption' where the Consumer's consumption is greater than the Producer's.

Time Interval	Producer Consumption Level	Consumer Consumption Level	Overconsumption
0 - 2	1	1	No
2 - 4	2	1	No
4 - 15	2	2	No
15 - 17	3	2	No
17 - 18	3	3	No
18 - 20	4	3	No
20 - 21	5	3	No
21 - 22	6	3	No
22 - 23	7	3	No
23 - 33	7	8	Yes
33 - 37	8	8	No
37 - 40	8	9	Yes
40 - 42	9	9	No
42 - 43	10	9	No
43 - 44	11	9	No
44 - 45	12	9	No
45 - 46	13	9	No
46 - 48	14	9	No
48 - 56	15	10	No
56 - 57	16	10	No
57 - 58	16	11	No
58 - 59	16	12	No
59 - 63	16	13	No
63 - 67	16	14	No
67 - 70	16	15	No

