

Obs	MAKE	MODEL	VOL	HP	MPG	SP	WT
1	GM/	GeoMetro	89	49	65.4	96	17.5
2	GM/	GeoMetro	92	55	56.0	97	20.0
3	GM/	GeoMetro	92	55	55.9	97	20.0
4	Suzuki	Swift	92	70	49.0	105	20.0
5	Daihatsu	Charade	92	53	46.5	96	20.0
6	GM/	GeoSprin	89	70	46.2	105	20.0
7	GM/	GeoSprin	92	55	45.4	97	20.0
8	Honda	CivicCRX	50	62	59.2	98	22.5
9	Honda	CivicCRX	50	62	53.3	98	22.5
10	Daihatsu	Charade	94	80	43.4	107	22.5
11	Subaru	Justy	89	73	41.1	103	22.5
12	Honda	CivicCRX	50	92	40.9	113	22.5
13	Honda	Civic	99	92	40.9	113	22.5
14	Subaru	Justy	89	73	40.4	103	22.5
15	Subaru	Justy2	89	66	39.6	100	22.5
16	Subaru	Justy4wd	89	73	39.3	103	22.5
17	Toyota	Tercel	91	78	38.9	106	22.5
18	Honda	CivicCRX	50	92	38.8	113	22.5
19	Toyota	Tercel	91	78	38.2	106	22.5
20	Ford	Escort	103	90	42.2	109	25.0
21	Honda	Civic	99	92	40.9	110	25.0
22	Pontiac	LeMans	107	74	40.7	101	25.0
23	Isuzu	Stylus	101	95	40.0	111	25.0
24	Dodge	Colt	96	81	39.3	105	25.0
25	GM/	GeoStorm	89	95	38.8	111	25.0
26	HondaCiv	CRX	50	92	38.4	110	25.0
27	Honda	CivicWag	117	92	38.4	110	25.0
28	Honda	Civic	99	92	38.4	110	25.0
29	Subaru	Loyale	102	90	29.5	109	25.0
30	Volks	JettaDie	104	52	46.9	90	27.5
31	Mazda	323Prote	107	103	36.3	112	27.5
32	Ford	EscortWa	114	84	36.1	103	27.5
33	Ford	Escort	101	84	36.1	103	27.5
34	GM/	GeoPrism	97	102	35.4	111	27.5
35	Toyota	Corolla	113	102	35.3	111	27.5
36	Eagle	Summit	101	81	35.1	102	27.5
37	Nissan	CentraCo	98	90	35.1	106	27.5
38	Nissan	CentraWa	88	90	35.0	106	27.5

Obs	MAKE	MODEL	VOL	HP	MPG	SP	WT
39	Toyota	Celica	86	102	33.2	109	30.0
40	Toyota	Celica	86	102	32.9	109	30.0
41	Toyota	Corolla	92	130	32.3	120	30.0
42	Chevrole	Corsica	113	95	32.2	106	30.0
43	Chevrole	Beretta	106	95	32.2	106	30.0
44	Toyota	Corolla	92	102	32.2	109	30.0
45	Pontiac	SunbirdC	88	95	32.2	106	30.0
46	Dodge	Shadow	102	93	31.5	105	30.0
47	Dodge	Daytona	99	100	31.5	108	30.0
48	Eagle	Spirit	111	100	31.4	108	30.0
49	Ford	Tempo	103	98	31.4	107	30.0
50	Toyota	Celica	86	130	31.2	120	30.0
51	Toyota	Camry	101	115	33.7	109	35.0
52	Toyota	Camry	101	115	32.6	109	35.0
53	Toyota	Camry	101	115	31.3	109	35.0
54	Toyota	CamryWag	124	115	31.3	109	35.0
55	Olds	CutlassS	113	180	30.4	133	35.0
56	Olds	CutlassS	113	160	28.9	125	35.0
57	Saab	9000	124	130	28.0	115	35.0
58	Ford	Mustang	92	96	28.0	102	35.0
59	Toyota	Camry	101	115	28.0	109	35.0
60	Chrysler	LebaronC	94	100	28.0	104	35.0
61	Dodge	Dynasty	115	100	28.0	105	35.0
62	Volvo	740	111	145	27.7	120	35.0
63	Ford	Thunderb	116	120	25.6	107	40.0
64	Chevrole	Caprice	131	140	25.3	114	40.0
65	Lincoln	Continen	123	140	23.9	114	40.0
66	Chrysler	NewYorke	121	150	23.6	117	40.0
67	Buick	Reatta	50	165	23.6	122	40.0
68	Olds	Trof/Tor	114	165	23.6	122	40.0
69	Oldsmobi	98	127	165	23.6	122	40.0
70	Pontiac	Bonnevil	123	165	23.6	122	40.0
71	Lexus	LS400	112	245	23.5	148	40.0
72	Nissan	300ZX	50	280	23.4	160	40.0
73	Volvo	760Wagon	135	162	23.4	121	40.0
74	Audi	200Quatr	132	162	23.1	121	40.0
75	Buick	ElectraW	160	140	22.9	110	45.0
76	Cadillac	Brougham	129	140	22.9	110	45.0

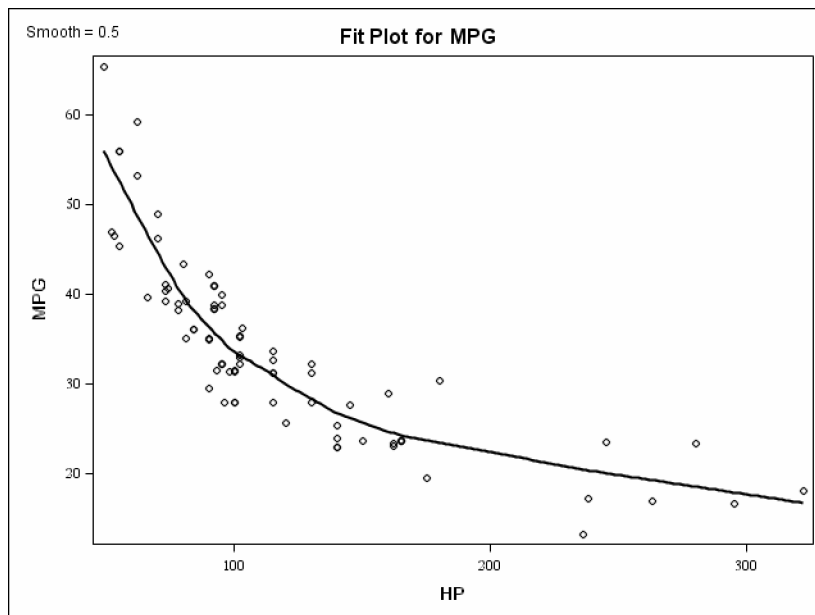
Obs	MAKE	MODEL	VOL	HP	MPG	SP	WT
77	Cadillac	Brougham	129	175	19.5	121	45.0
78	Mercedes	500SL	50	322	18.1	165	45.0
79	Mercedes	560SEL	115	238	17.2	140	45.0
80	Jaguar	XJSConve	50	263	17.0	147	45.0
81	BMW	750IL	119	295	16.7	157	45.0
82	Rolls-Ro	Various	107	236	13.2	130	55.0

The LOESS Procedure

Independent Variable Scaling	
Scaling applied: None	
Statistic	HP
Minimum Value	49.00000
Maximum Value	322.00000

The LOESS Procedure
Smoothing Parameter: 0.5
Dependent Variable: MPG

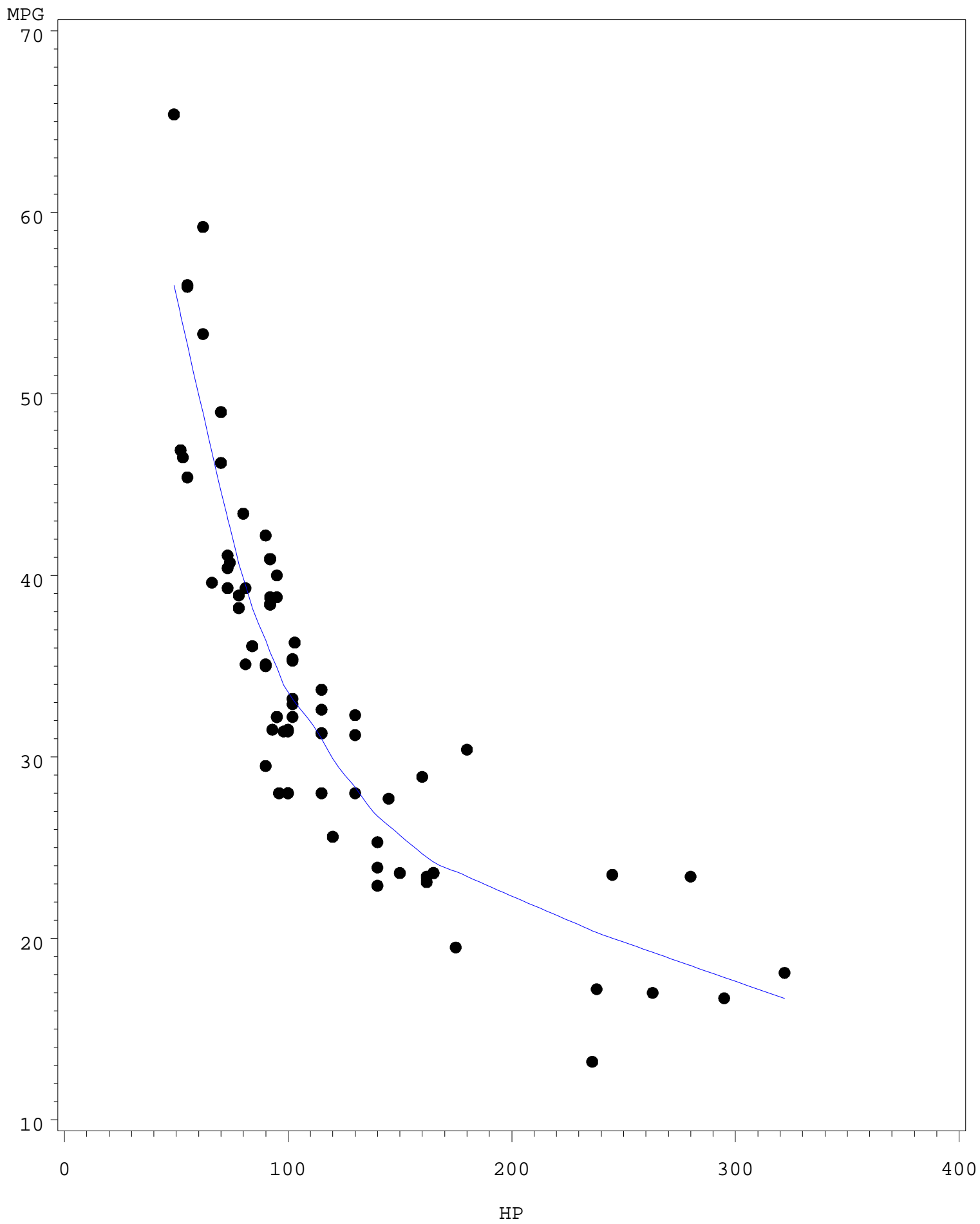
Fit Summary	
Fit Method	kd Tree
Blending	Linear
Number of Observations	82
Number of Fitting Points	17
kd Tree Bucket Size	8
Degree of Local Polynomials	1
Smoothing Parameter	0.50000
Points in Local Neighborhood	41
Residual Sum of Squares	1265.55901



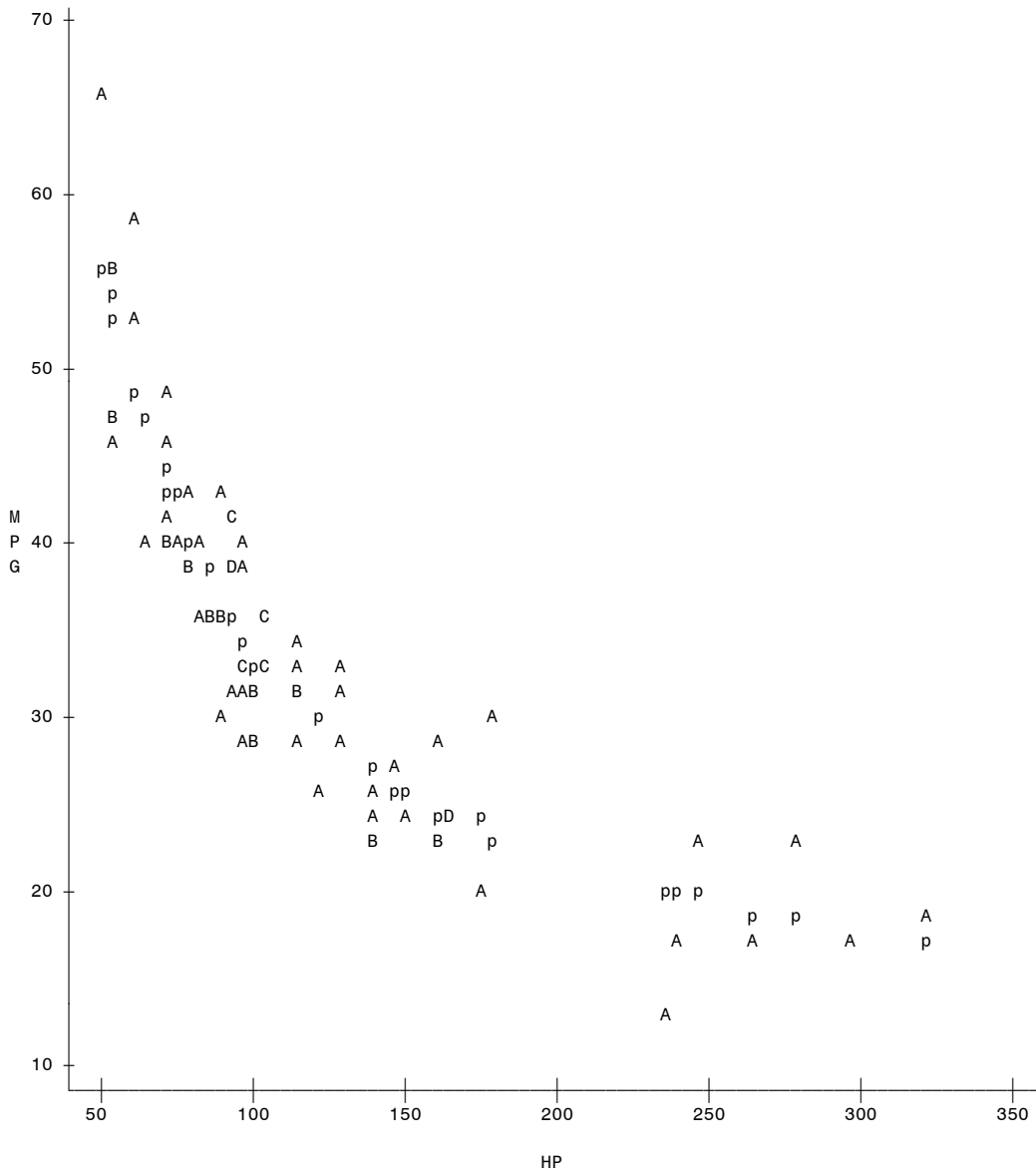
Obs	SmoothingParameter	Obs	HP	DepVar	Pred
1	0.5	1	49	65.4	55.97872
2	0.5	2	55	56.0	52.67694
3	0.5	3	55	55.9	52.67694
4	0.5	4	70	49.0	44.62784
5	0.5	5	53	46.5	53.77753
6	0.5	6	70	46.2	44.62784
7	0.5	7	55	45.4	52.67694
8	0.5	8	62	59.2	48.92069
9	0.5	9	62	53.3	48.92069
10	0.5	10	80	43.4	39.82824
11	0.5	11	73	41.1	43.13419
12	0.5	12	92	40.9	35.77477
13	0.5	13	92	40.9	35.77477
14	0.5	14	73	40.4	43.13419
15	0.5	15	66	39.6	46.77427
16	0.5	16	73	39.3	43.13419
17	0.5	17	78	38.9	40.64478
18	0.5	18	92	38.8	35.77477
19	0.5	19	78	38.2	40.64478
20	0.5	20	90	42.2	36.39942
21	0.5	21	92	40.9	35.77477
22	0.5	22	74	40.7	42.63631
23	0.5	23	95	40.0	34.90466
24	0.5	24	81	39.3	39.41997
25	0.5	25	95	38.8	34.90466
26	0.5	26	92	38.4	35.77477
27	0.5	27	92	38.4	35.77477
28	0.5	28	92	38.4	35.77477
29	0.5	29	90	29.5	36.39942
30	0.5	30	52	46.9	54.32783
31	0.5	31	103	36.3	33.01904
32	0.5	32	84	36.1	38.19516
33	0.5	33	84	36.1	38.19516
34	0.5	34	102	35.4	33.18697
35	0.5	35	102	35.3	33.18697
36	0.5	36	81	35.1	39.41997
37	0.5	37	90	35.1	36.39942
38	0.5	38	90	35.0	36.39942

Obs	SmoothingParameter	Obs	HP	DepVar	Pred
39	0.5	39	102	33.2	33.18697
40	0.5	40	102	32.9	33.18697
41	0.5	41	130	32.3	28.30773
42	0.5	42	95	32.2	34.90466
43	0.5	43	95	32.2	34.90466
44	0.5	44	102	32.2	33.18697
45	0.5	45	95	32.2	34.90466
46	0.5	46	93	31.5	35.48473
47	0.5	47	100	31.5	33.56444
48	0.5	48	100	31.4	33.56444
49	0.5	49	98	31.4	33.94191
50	0.5	50	130	31.2	28.30773
51	0.5	51	115	33.7	31.00393
52	0.5	52	115	32.6	31.00393
53	0.5	53	115	31.3	31.00393
54	0.5	54	115	31.3	31.00393
55	0.5	55	180	30.4	23.41015
56	0.5	56	160	28.9	24.65922
57	0.5	57	130	28.0	28.30773
58	0.5	58	96	28.0	34.58374
59	0.5	59	115	28.0	31.00393
60	0.5	60	100	28.0	33.56444
61	0.5	61	100	28.0	33.56444
62	0.5	62	145	27.7	26.20232
63	0.5	63	120	25.6	29.89877
64	0.5	64	140	25.3	26.71669
65	0.5	65	140	23.9	26.71669
66	0.5	66	150	23.6	25.68795
67	0.5	67	165	23.6	24.21240
68	0.5	68	165	23.6	24.21240
69	0.5	69	165	23.6	24.21240
70	0.5	70	165	23.6	24.21240
71	0.5	71	245	23.5	20.00574
72	0.5	72	280	23.4	18.49397
73	0.5	73	162	23.4	24.48049
74	0.5	74	162	23.1	24.48049
75	0.5	75	140	22.9	26.71669
76	0.5	76	140	22.9	26.71669

Obs	SmoothingParameter	Obs	HP	DepVar	Pred
77	0.5	77	175	19.5	23.67756
78	0.5	78	322	18.1	16.67986
79	0.5	79	238	17.2	20.30809
80	0.5	80	263	17.0	19.22826
81	0.5	81	295	16.7	17.84607
82	0.5	82	236	13.2	20.41506



Plot of DepVar*HP. Legend: A = 1 obs, B = 2 obs, etc.
 Plot of Pred*HP. Symbol used is 'p'.



NOTE: 56 obs hidden.