

0

~~#A~~

~~CDI~~

~~BestSub(CDI[, (5,15,17,17,17)], CDI[, 8], method = 'r2adj', num = 1)~~

~~#B~~

~~Kidney_Function_Data~~

~~BestSub(Kidney_Function_Data[, 1:3], Kidney_Function_Data[, 4], method = 'r2adj', num = 1)~~

#A

> CDI

	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14
1	1	Los_Angeles	CA	4060	8863164	32.1	9.7	23677	27700	688936	70.0	22.3	11.6	8.0
2	2	Cook	IL	946	5105067	29.2	12.4	15153	21550	436936	73.4	22.8	11.1	7.2
3	3	Harris	TX	1729	2818199	31.3	7.1	7553	12449	253526	74.9	25.4	12.5	5.7
4	4	San_Diego	CA	4205	2498016	33.5	10.9	5905	6179	173821	81.9	25.3	8.1	6.1
5	5	Orange	CA	790	2410556	32.6	9.2	6062	6369	144524	81.2	27.8	5.2	4.8
6	6	Kings	NY	71	2300664	28.3	12.4	4861	8942	680966	63.7	16.6	19.5	9.5
7	7	Maricopa	AZ	9204	2122101	29.2	12.5	4320	6104	177593	81.5	22.1	8.8	4.9
8	8	Wayne	MI	614	2111687	27.4	12.5	3823	9490	193978	70.0	13.7	16.9	10.0
9	9	Dade	FL	1945	1937094	27.1	13.9	6274	8840	244725	65.0	18.8	14.2	8.7
10	10	Dallas	TX	880	1852810	32.6	8.2	4718	6934	214258	77.1	26.3	10.4	6.1
11	11	Philadelphia	PA	135	1585577	29.1	15.2	6641	10494	109148	64.3	15.2	16.1	8.0
12	12	King	WA	2126	1507319	30.1	11.1	5280	4009	124959	88.2	32.8	5.0	4.6

13	13	Santa_Clara	CA	1291	1497577	32.6	8.7	4101	3342	77009
82.0	32.6	5.0	5.5							
14	14	San_Bernardino	CA	20062	1418380	30.1	8.8	2463	3349	83110
75.4	14.9	10.3	8.0							
15	15	Cuyahoga	OH	458	1412140	26.3	15.6	5620	8132	73150
74.0	20.1	11.0	5.5							
16	16	Middlesex	MA	824	1398468	31.7	12.5	5158	4152	35825
84.3	35.4	4.2	7.3							
17	17	Allegheny	PA	730	1336449	26.2	17.4	5281	8436	50186
79.0	22.6	8.7	5.3							
18	18	Suffolk	NY	911	1321864	27.9	10.8	3021	3904	66723
82.2	23.0	3.3	7.0							
19	19	Nassau	NY	287	1287348	25.7	14.2	6147	5200	43203
84.2	30.0	2.5	5.1							
20	20	Alameda	CA	738	1279182	30.8	10.6	3169	3284	107338
81.4	28.8	8.1	5.3							
21	21	Broward	FL	1209	1255488	25.3	20.7	2456	5543	107386
76.8	18.8	7.1	7.4							
22	22	Bexar	TX	1247	1185394	29.5	9.9	3062	4086	133098
72.7	19.7	16.2	6.7							
23	23	Riverside	CA	7208	1170413	27.9	13.2	1385	2435	95494
74.1	14.6	8.4	10.7							
24	24	Tarrant	TX	864	1170103	32.2	8.3	1677	3672	132495
79.9	24.0	8.2	6.6							
25	25	Oakland	MI	873	1083592	27.6	10.9	4020	3254	50964
84.6	30.2	4.4	7.3							
26	26	Sacramento	CA	966	1041219	29.7	10.6	2464	2855	84305
82.2	23.0	9.8	6.3							
27	27	Hennepin	MN	557	1032431	31.6	11.3	3706	5395	71753
88.2	31.6	6.4	4.3							
28	28	St._Louis	MO	508	993529	26.1	13.1	1194	1056	42595
82.3	29.2	4.0	5.1							
29	29	Erie	NY	1045	968532	27.3	15.2	2748	4632	55306
76.4	20.0	9.4	6.8							
30	30	Franklin	OH	540	961437	33.5	9.6	2675	4011	82680
81.0	26.6	9.1	4.2							
31	31	Milwaukee	WI	242	959275	29.3	13.6	2774	4141	73681
76.3	19.3	12.6	4.9							

32	32	Westchester NY	433	874866	26.3	14.4	4577	3540	37118
81.0	35.3	4.7	5.4						
33	33	Hamilton OH	407	866228	28.0	13.3	3164	4683	57208
75.6	23.7	10.3	4.5						
34	34	Palm_Beach FL	1974	863518	23.3	24.4	1833	3164	76142
78.8	22.1	6.2	8.4						
35	35	Hartford CT	736	851783	28.3	14.1	2851	2940	51926
77.7	25.8	6.0	6.9						
36	36	Pinellas FL	280	851659	22.4	26.0	1620	4458	62344
78.1	18.5	6.2	6.2						
37	37	Honolulu HI	600	836231	30.6	11.0	2025	2174	51032
81.2	24.6	5.4	2.3						
38	38	Hillsborough FL	1051	834054	29.4	12.2	2012	3068	89895
75.6	20.2	9.5	6.0						
39	39	Fairfield CT	626	827645	26.7	13.3	2417	2494	44374
81.0	34.2	4.5	5.9						
40	40	Shelby TN	755	826330	29.4	10.4	2489	4918	67032
75.1	20.8	14.7	5.4						
41	41	Bergen NJ	234	825380	25.4	15.3	3226	2279	28521
81.6	31.7	2.7	5.2						
42	42	Fairfax_County VA	396	818584	29.2	6.5	1694	135	30202
91.4	49.0	2.2	3.2						
43	43	New_Haven CT	606	804219	28.7	14.7	3161	2486	52903
77.5	24.2	6.0	7.3						
44	44	Contra_Costa CA	720	803732	26.5	10.9	1761	1781	51243
86.5	31.6	5.5	5.6						
45	45	Marion IN	396	797159	30.6	11.7	2936	4654	61004
76.8	21.4	9.3	5.0						
46	46	DuPage IL	334	781666	29.0	8.7	2157	1842	29708
88.6	36.0	1.7	4.8						
47	47	Essex NJ	126	778206	28.6	12.7	2811	4841	75595
70.1	24.0	11.3	7.9						
48	48	Montgomery MD	495	757027	28.6	10.2	4635	1507	34754
90.6	49.9	2.7	3.3						
49	49	Clark NV	7911	741459	29.0	10.5	969	2011	52786
77.3	13.8	7.5	5.8						
50	50	Baltimore_City MD	81	736014	30.0	13.7	5444	6203	87355
60.7	15.5	17.8	9.4						

51	51	Prince_George's	MD	486	729268	33.7	6.9	1253	1322	54469	83.2	25.5	3.7	5.0
52	52	Salt_Lake	UT	737	725956	27.8	8.5	2094	2076	58610	85.3	23.8	7.7	4.5
53	53	San_Francisco	CA	47	723959	32.2	14.5	4761	3640	71234	78.0	35.0	9.7	5.6
54	54	Macomb	MI	480	717400	28.2	12.3	705	1202	41048	76.9	13.5	4.0	9.4
55	55	Monroe	NY	659	713968	29.0	12.5	2438	3077	43780	80.1	26.3	7.7	4.4
56	56	Worcester	MA	1513	709705	29.2	13.7	1902	2205	7099	77.4	22.2	6.3	10.2
57	57	Baltimore	MD	599	692134	27.8	14.0	1269	641	46789	78.4	25.0	3.8	5.7
58	58	Montgomery	PA	483	678111	26.1	15.0	3237	2425	20335	83.8	32.1	2.2	5.0

	V15	V16	V17
1	20786	184230	4
2	21729	110928	2
3	19517	55003	3
4	19588	48931	4
5	24400	58818	4
6	16803	38658	1
7	18042	38287	4
8	17461	36872	2
9	17823	34525	3
10	21001	38911	3
11	16721	26512	1
12	23779	35843	4
13	25193	37728	4
14	16399	23260	4
15	21086	29776	2
16	25312	35398	1
17	20681	27639	1
18	24262	32071	1
19	31679	40782	1
20	22148	28331	4
21	22355	28066	3

22	15508	18383	3
23	17185	20114	4
24	18825	22027	3
25	26884	29131	2
26	18934	19714	4
27	23705	24474	2
28	24219	24062	2
29	18305	17729	1
30	19040	18306	2
31	18431	17680	2
32	33330	29159	1
33	20580	17827	2
34	26798	23141	3
35	24875	21188	1
36	21610	18404	3
37	21307	17818	4
38	16876	14075	3
39	32342	26768	1
40	18430	15229	3
41	32230	26602	1
42	28999	23738	3
43	22197	17851	1
44	25523	20514	4
45	19148	15264	2
46	26772	20927	2
47	24523	19084	1
48	30081	22772	3
49	18625	13810	4
50	17263	12706	3
51	19568	14270	3
52	15399	11179	4
53	28532	20656	4
54	20924	15011	2
55	21641	15451	1
56	19895	14120	1
57	23470	16244	3
58	28462	19300	1

[reached 'max' / getopt("max.print") -- omitted 382 rows]

```
> BestSub(CDI[, (5,15,17,17,17)], CDI[, 8], method = 'r2adj', num = 1)
```

```
錯誤: 未預期的 ',' in "BestSub(CDI[, (5,"
```

```
> #B
```

```
> Kidney_Function_Data
```

	V1	V2	V3	V4
1	132	0.71	38	71
2	53	1.48	78	69
3	50	2.21	69	85
4	82	1.43	70	100
5	110	0.68	45	59
6	100	0.76	65	73
7	68	1.12	76	63
8	92	0.92	61	81
9	60	1.55	68	74
10	94	0.94	64	87
11	105	1.00	66	79
12	98	1.07	49	93
13	112	0.70	43	60
14	125	0.71	42	70
15	108	1.00	66	83
16	30	2.52	78	70
17	111	1.13	35	73
18	130	1.12	34	85
19	94	1.38	35	68
20	130	1.12	16	65
21	59	0.97	54	53
22	38	1.61	73	50
23	65	1.58	66	74
24	85	1.40	31	67
25	140	0.68	32	80
26	80	1.20	21	67
27	43	2.10	73	72
28	75	1.36	78	67
29	41	1.50	58	60
30	120	0.82	62	107
31	52	1.53	70	75
32	73	1.58	63	62

33 57 1.37 68 52

```
> BestSub(Kidney_Function_Data[, 1:3], Kidney_Function_Data[, 4],  
method = 'r2adj', num = 1)
```

p	1	2	3	SSEp	r2	r2.adj	Cp	AICp	SBCp	PRESSp
1	2	1	0	0	4734.644	0.1196571	0.09125894	15.536216	167.8831	170.8761
										5333.940
2	3	1	0	1	3863.709	0.2815957	0.23370208	9.343803	163.1749	167.6644
										4602.743
3	4	1	1	1	3082.989	0.4267599	0.36745921	4.000000	157.7259	163.7119
										3978.074

>