Linear Model 3: DBP

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4/15/2020

Loading in the data:

Crude:

##   
## Call:  
## lm(formula = dbp ~ fuel\_used\_for\_cooking\_percent\_wood\_dung +   
## percent\_public\_source + percent\_private\_toilet + percent\_employed +   
## percent\_without\_hs\_education + percent\_caste, data = total)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -6.1543 -1.8922 0.1381 1.5985 7.1545   
##   
## Coefficients:  
## Estimate Std. Error t value  
## (Intercept) 85.762963 1.623616 52.822  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.577574 5.414491 -0.291  
## percent\_public\_source -0.019758 0.023995 -0.823  
## percent\_private\_toilet -0.001706 0.006123 -0.279  
## percent\_employed -4.918851 3.303157 -1.489  
## percent\_without\_hs\_education -1.702722 1.571182 -1.084  
## percent\_caste 0.026482 0.027703 0.956  
## Pr(>|t|)   
## (Intercept) <2e-16 \*\*\*  
## fuel\_used\_for\_cooking\_percent\_wood\_dung 0.771   
## percent\_public\_source 0.412   
## percent\_private\_toilet 0.781   
## percent\_employed 0.139   
## percent\_without\_hs\_education 0.281   
## percent\_caste 0.341   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 2.728 on 127 degrees of freedom  
## Multiple R-squared: 0.06741, Adjusted R-squared: 0.02335   
## F-statistic: 1.53 on 6 and 127 DF, p-value: 0.1735

## Estimate Std. Error  
## (Intercept) 85.762962850 1.623616142  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.577574083 5.414491444  
## percent\_public\_source -0.019758085 0.023995360  
## percent\_private\_toilet -0.001706308 0.006122706  
## percent\_employed -4.918850962 3.303157273  
## percent\_without\_hs\_education -1.702722090 1.571182458  
## percent\_caste 0.026482041 0.027702916  
## t value Pr(>|t|)  
## (Intercept) 52.8221915 2.660909e-88  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -0.2913615 7.712502e-01  
## percent\_public\_source -0.8234128 4.118169e-01  
## percent\_private\_toilet -0.2786852 7.809397e-01  
## percent\_employed -1.4891362 1.389306e-01  
## percent\_without\_hs\_education -1.0837202 2.805420e-01  
## percent\_caste 0.9559297 3.409238e-01

## (Intercept)   
## 85.762962850   
## fuel\_used\_for\_cooking\_percent\_wood\_dung   
## -1.577574083   
## percent\_public\_source   
## -0.019758085   
## percent\_private\_toilet   
## -0.001706308   
## percent\_employed   
## -4.918850962   
## percent\_without\_hs\_education   
## -1.702722090   
## percent\_caste   
## 0.026482041

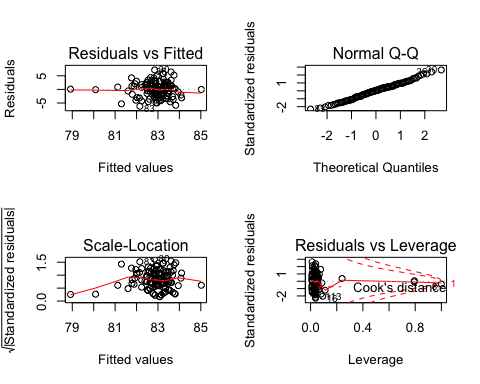
## 1 2 3 4 5 6 7 8   
## 82.90197 82.87385 83.03067 82.74385 83.38561 82.76577 81.99485 85.02288   
## 9 10 11 12 13 14 15 16   
## 82.90327 83.07407 81.92029 83.12958 82.89808 83.05125 83.25891 81.29470   
## 17 18 19 20 21 22 23 24   
## 83.18988 82.23625 82.80665 83.20958 81.76416 82.80894 82.65391 82.95702   
## 25 26 27 28 29 30 31 32   
## 83.30149 82.39365 83.52278 83.22773 82.47023 82.84552 83.00740 83.69501   
## 33 34 35 36 37 38 39 40   
## 82.62177 83.08350 82.81659 83.61078 84.07256 83.25931 83.51567 82.02744   
## 41 42 43 44 45 46 47 48   
## 84.10257 83.56803 83.40618 82.78597 83.47284 82.91986 82.89953 83.25002   
## 49 50 51 52 53 54 55 56   
## 83.39249 83.59912 83.23477 82.89490 83.56692 83.40106 82.64635 83.08140   
## 57 58 59 60 61 62 63 64   
## 83.06548 82.91648 82.98814 82.85930 81.12368 82.88866 83.71202 83.49106   
## 65 66 67 68 69 70 71 72   
## 83.01034 82.64542 82.50612 82.75602 82.47223 81.78399 82.90932 83.15775   
## 73 74 75 76 77 78 79 80   
## 83.82897 81.60245 82.86454 83.28897 82.23647 82.23900 83.21174 82.68983   
## 81 82 83 84 85 86 87 88   
## 83.80386 83.74776 82.15433 80.08776 82.81270 82.62089 81.88400 82.62125   
## 89 90 91 92 93 94 95 96   
## 82.50547 82.55190 83.77629 83.31068 82.85900 82.50673 83.09217 82.95809   
## 97 98 99 100 101 102 103 104   
## 83.49841 83.36930 81.96959 83.34830 81.79872 83.63455 83.02405 83.14725   
## 105 106 107 108 109 110 111 112   
## 82.91572 83.46669 83.38416 83.33073 83.26401 83.42497 83.35019 82.53985   
## 113 114 115 116 117 118 119 120   
## 82.54727 82.48998 83.43862 83.61198 83.47537 83.94857 83.31724 83.68214   
## 121 122 123 124 125 126 127 128   
## 83.01530 83.01153 82.13696 82.60384 83.24796 83.33306 82.67624 82.81041   
## 129 130 131 132 133 134   
## 83.34727 82.70451 82.94891 83.12575 83.03029 78.91998

## # A tibble: 1 x 11  
## r.squared adj.r.squared sigma statistic p.value df logLik AIC BIC  
## <dbl> <dbl> <dbl> <dbl> <dbl> <int> <dbl> <dbl> <dbl>  
## 1 0.0674 0.0234 2.73 1.53 0.173 7 -321. 658. 681.  
## # … with 2 more variables: deviance <dbl>, df.residual <int>

|  |  |  |
| --- | --- | --- |
| term | estimate | p.value |
| (Intercept) | 85.763 | 0.000 |
| fuel\_used\_for\_cooking\_percent\_wood\_dung | -1.578 | 0.771 |
| percent\_public\_source | -0.020 | 0.412 |
| percent\_private\_toilet | -0.002 | 0.781 |
| percent\_employed | -4.919 | 0.139 |
| percent\_without\_hs\_education | -1.703 | 0.281 |
| percent\_caste | 0.026 | 0.341 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| dbp | fuel\_used\_for\_cooking\_percent\_wood\_dung | percent\_public\_source | percent\_private\_toilet | percent\_employed | percent\_without\_hs\_education | percent\_caste | .fitted | .se.fit | .resid | .hat | .sigma | .cooksd | .std.resid |
| 85 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5405405 | 0.0270270 | 0.5675676 | 82.90197 | 0.5418476 | 2.0980294 | 0.0394593 | 2.731890 | 0.0036144 | 0.7847865 |
| 82 | 0.0000000 | 0.0789474 | 0.7368421 | 0.5789474 | 0.0263158 | 0.2368421 | 82.87385 | 0.5597898 | -0.8738535 | 0.0421158 | 2.737383 | 0.0006730 | -0.3273256 |
| 84 | 0.0277778 | 0.0555556 | 0.4722222 | 0.4444444 | 0.3055556 | 0.7500000 | 83.03067 | 0.3581366 | 0.9693327 | 0.0172382 | 2.737152 | 0.0003220 | 0.3584648 |
| 84 | 0.0000000 | 0.1538462 | 0.7692308 | 0.6153846 | 0.0000000 | 0.4615385 | 82.74385 | 0.6690274 | 1.2561521 | 0.0601566 | 2.736104 | 0.0020633 | 0.4750205 |
| 86 | 0.0277778 | 0.1944444 | 0.8333333 | 0.3888889 | 0.2500000 | 0.3888889 | 83.38561 | 0.4676544 | 2.6143909 | 0.0293931 | 2.728315 | 0.0040945 | 0.9728517 |
| 83 | 0.0000000 | 0.3076923 | 0.7435897 | 0.5128205 | 0.2820513 | 0.4871795 | 82.76577 | 0.2962530 | 0.2342265 | 0.0117956 | 2.738458 | 0.0000127 | 0.0863794 |
| 85 | 0.0000000 | 0.1351351 | 0.5405405 | 0.6486486 | 0.3513514 | 0.9189189 | 81.99485 | 0.5814377 | 3.0051544 | 0.0454362 | 2.724794 | 0.0086462 | 1.1276183 |
| 85 | 0.0526316 | 0.3947368 | 0.9473684 | 0.5789474 | 0.2631579 | 100.0000000 | 85.02288 | 2.7270426 | -0.0228804 | 0.9994924 | 2.737043 | 38.9832607 | -0.3722891 |
| 81 | 0.0000000 | 0.2777778 | 0.3611111 | 0.4166667 | 0.4722222 | 0.0000000 | 82.90327 | 0.5594037 | -1.9032739 | 0.0420578 | 2.733053 | 0.0031876 | -0.7129014 |
| 83 | 0.0000000 | 0.1500000 | 0.8500000 | 0.4250000 | 0.3500000 | 0.0750000 | 83.07407 | 0.4199696 | -0.0740705 | 0.0237045 | 2.738530 | 0.0000026 | -0.0274823 |
| 84 | 0.0000000 | 0.1071429 | 0.9285714 | 0.6666667 | 0.3392857 | 0.6785714 | 81.92029 | 0.6303084 | 2.0797118 | 0.0533952 | 2.731909 | 0.0049484 | 0.7836400 |
| 79 | 0.0000000 | 0.0344828 | 0.9137931 | 0.4655172 | 0.2068966 | 0.4137931 | 83.12958 | 0.3001843 | -4.1295832 | 0.0121108 | 2.713409 | 0.0040632 | -1.5231754 |
| 85 | 0.0000000 | 0.3818182 | 0.8000000 | 0.4909091 | 0.2727273 | 0.8727273 | 82.89808 | 0.2889095 | 2.1019220 | 0.0112181 | 2.732056 | 0.0009733 | 0.7749330 |
| 84 | 0.0000000 | 0.1636364 | 0.8909091 | 0.4909091 | 0.1818182 | 0.6545455 | 83.05125 | 0.2983957 | 0.9487512 | 0.0119669 | 2.737218 | 0.0002119 | 0.3499165 |
| 87 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4545455 | 0.0606061 | 0.2121212 | 83.25891 | 0.4618501 | 3.7410871 | 0.0286680 | 2.717579 | 0.0081650 | 1.3915916 |
| 76 | 0.0263158 | 0.8684211 | 0.1315789 | 0.7368421 | 0.4736842 | 0.8157895 | 81.29470 | 0.8310472 | -5.2946996 | 0.0928212 | 2.693387 | 0.0607074 | -2.0379461 |
| 82 | 0.0000000 | 0.2702703 | 0.7837838 | 0.4594595 | 0.1891892 | 0.5945946 | 83.18988 | 0.3106274 | -1.1898823 | 0.0129681 | 2.736459 | 0.0003618 | -0.4390725 |
| 83 | 0.1025641 | 0.0256410 | 0.9487179 | 0.5897436 | 0.2820513 | 0.6923077 | 82.23625 | 0.6011472 | 0.7637471 | 0.0485688 | 2.737649 | 0.0006009 | 0.2870508 |
| 82 | 0.0000000 | 0.2105263 | 0.9473684 | 0.4210526 | 0.5263158 | 0.6315789 | 82.80665 | 0.6174981 | -0.8066476 | 0.0512468 | 2.737544 | 0.0007113 | -0.3036023 |
| 82 | 0.0000000 | 0.0263158 | 0.8947368 | 0.4473684 | 0.2105263 | 0.2894737 | 83.20958 | 0.3213583 | -1.2095757 | 0.0138795 | 2.736387 | 0.0004009 | -0.4465457 |
| 86 | 0.0540541 | 0.7837838 | 0.5675676 | 0.5405405 | 0.7297297 | 0.1621622 | 81.76416 | 0.7555918 | 4.2358368 | 0.0767309 | 2.710232 | 0.0310091 | 1.6161173 |
| 87 | 0.0000000 | 0.1500000 | 0.9000000 | 0.5500000 | 0.1500000 | 0.4250000 | 82.80894 | 0.3834686 | 4.1910580 | 0.0197631 | 2.712448 | 0.0069365 | 1.5518722 |
| 87 | 0.0000000 | 0.6923077 | 0.6666667 | 0.4871795 | 0.4102564 | 0.0256410 | 82.65391 | 0.3926766 | 4.3460903 | 0.0207236 | 2.710444 | 0.0078370 | 1.6100669 |
| 88 | 0.0000000 | 0.8461538 | 0.6923077 | 0.4615385 | 0.3076923 | 0.2307692 | 82.95702 | 0.3277008 | 5.0429790 | 0.0144328 | 2.700888 | 0.0072552 | 1.8622666 |
| 86 | 0.0000000 | 0.5365854 | 0.6585366 | 0.3902439 | 0.3170732 | 0.3658537 | 83.30149 | 0.4763285 | 2.6985133 | 0.0304936 | 2.727632 | 0.0045358 | 1.0047246 |
| 84 | 0.0769231 | 0.3333333 | 0.7179487 | 0.5384615 | 0.3589744 | 0.7435897 | 82.39365 | 0.4423854 | 1.6063539 | 0.0263025 | 2.734695 | 0.0013745 | 0.5967975 |
| 85 | 0.0000000 | 0.4102564 | 0.7179487 | 0.4102564 | 0.1282051 | 0.2051282 | 83.52278 | 0.4107040 | 1.4772237 | 0.0226701 | 2.735301 | 0.0009944 | 0.5478018 |
| 89 | 0.0000000 | 0.1538462 | 0.7948718 | 0.4615385 | 0.1538462 | 0.0512821 | 83.22773 | 0.3247191 | 5.7722712 | 0.0141713 | 2.689117 | 0.0093282 | 2.1312963 |
| 85 | 0.0000000 | 0.9250000 | 0.8250000 | 0.4500000 | 0.6250000 | 0.1750000 | 82.47023 | 0.7052853 | 2.5297710 | 0.0668537 | 2.728582 | 0.0094338 | 0.9600728 |
| 90 | 0.0000000 | 0.2307692 | 0.8974359 | 0.5128205 | 0.2307692 | 0.1538462 | 82.84552 | 0.2936729 | 7.1544774 | 0.0115911 | 2.662440 | 0.0116601 | 2.6381981 |
| 84 | 0.0000000 | 0.1750000 | 0.7750000 | 0.5000000 | 0.1750000 | 0.2500000 | 83.00740 | 0.3058381 | 0.9925985 | 0.0125713 | 2.737092 | 0.0002439 | 0.3662002 |
| 84 | 0.0000000 | 0.1025641 | 0.7948718 | 0.3589744 | 0.1794872 | 0.2564103 | 83.69501 | 0.5194924 | 0.3049878 | 0.0362705 | 2.738398 | 0.0000697 | 0.1138945 |
| 82 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5945946 | 0.0270270 | 0.0270270 | 82.62177 | 0.6524972 | -0.6217721 | 0.0572207 | 2.737944 | 0.0004779 | -0.2347600 |
| 83 | 0.0263158 | 0.4736842 | 0.9210526 | 0.4473684 | 0.2631579 | 0.8157895 | 83.08350 | 0.3352797 | -0.0834975 | 0.0151081 | 2.738528 | 0.0000021 | -0.0308444 |
| 86 | 0.0256410 | 0.2307692 | 0.9743590 | 0.5384615 | 0.1538462 | 0.4102564 | 82.81659 | 0.3701952 | 3.1834148 | 0.0184186 | 2.723537 | 0.0037195 | 1.1779528 |
| 90 | 0.0000000 | 0.0188679 | 100.0000000 | 0.3773585 | 0.0754717 | 0.1320755 | 83.61078 | 0.5376628 | 6.3892206 | 0.0388522 | 2.676286 | 0.0329631 | 2.3891896 |
| 82 | 0.0000000 | 0.0526316 | 0.9473684 | 0.3157895 | 0.0789474 | 0.0000000 | 84.07256 | 0.6550797 | -2.0725597 | 0.0576745 | 2.731925 | 0.0053567 | -0.7827163 |
| 84 | 0.0000000 | 0.0000000 | 0.9750000 | 0.5000000 | 0.0250000 | 0.0000000 | 83.25931 | 0.4468452 | 0.7406943 | 0.0268355 | 2.737721 | 0.0002985 | 0.2752604 |
| 83 | 0.0000000 | 0.0769231 | 0.8846154 | 0.4230769 | 0.0961538 | 0.0192308 | 83.51567 | 0.4068030 | -0.5156672 | 0.0222415 | 2.738144 | 0.0001188 | -0.1911840 |
| 79 | 0.0000000 | 0.8285714 | 0.0285714 | 0.6000000 | 0.4571429 | 0.4000000 | 82.02744 | 0.5223433 | -3.0274381 | 0.0366697 | 2.724717 | 0.0069535 | -1.1307992 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3030303 | 0.0000000 | 0.0303030 | 84.10257 | 0.6854845 | -3.1025737 | 0.0631525 | 2.723609 | 0.0132983 | -1.1751288 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4000000 | 0.0333333 | 0.0000000 | 83.56803 | 0.5002613 | 0.4319657 | 0.0336348 | 2.738258 | 0.0001290 | 0.1610929 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4444444 | 0.0000000 | 0.0000000 | 83.40618 | 0.4729661 | -2.4061761 | 0.0300646 | 2.729875 | 0.0035524 | -0.8956820 |
| 83 | 0.0000000 | 0.0263158 | 100.0000000 | 0.5526316 | 0.0526316 | 0.0789474 | 82.78597 | 0.5567986 | 0.2140265 | 0.0416670 | 2.738469 | 0.0000399 | 0.0801507 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3947368 | 0.1052632 | 0.0526316 | 83.47284 | 0.5181491 | -3.4728403 | 0.0360832 | 2.720347 | 0.0089928 | -1.2967697 |
| 80 | 0.0000000 | 0.0000000 | 0.9666667 | 0.5666667 | 0.0333333 | 0.1000000 | 82.91986 | 0.5270739 | -2.9198553 | 0.0373369 | 2.725675 | 0.0065949 | -1.0909931 |
| 84 | 0.0400000 | 0.0000000 | 100.0000000 | 0.5000000 | 0.1000000 | 0.0000000 | 82.89953 | 0.5063482 | 1.1004686 | 0.0344583 | 2.736720 | 0.0008594 | 0.4105726 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4761905 | 0.0000000 | 0.0000000 | 83.25002 | 0.4779385 | 0.7499779 | 0.0307001 | 2.737697 | 0.0003529 | 0.2792654 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4473684 | 0.0000000 | 0.0263158 | 83.39249 | 0.4724544 | -2.3924904 | 0.0299996 | 2.729974 | 0.0035040 | -0.8905577 |
| 85 | 0.0000000 | 0.0000000 | 0.9855072 | 0.4347826 | 0.0144928 | 0.0434783 | 83.59912 | 0.4659766 | 1.4008753 | 0.0291826 | 2.735607 | 0.0011667 | 0.5212289 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4615385 | 0.0512821 | 0.0000000 | 83.23477 | 0.4620796 | -0.2347741 | 0.0286965 | 2.738456 | 0.0000322 | -0.0873314 |
| 86 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5483871 | 0.0000000 | 0.0000000 | 82.89490 | 0.5666185 | 3.1051023 | 0.0431496 | 2.723898 | 0.0087245 | 1.1637286 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4117647 | 0.0000000 | 0.0000000 | 83.56692 | 0.4917331 | -4.5669229 | 0.0324978 | 2.707120 | 0.0139026 | -1.7021410 |
| 86 | 0.0000000 | 0.1304348 | 0.8695652 | 0.4347826 | 0.1304348 | 0.1086957 | 83.40106 | 0.3676209 | 2.5989446 | 0.0181633 | 2.728551 | 0.0024435 | 0.9615574 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5641026 | 0.1025641 | 0.1282051 | 82.64635 | 0.5722627 | 1.3536474 | 0.0440136 | 2.735759 | 0.0016943 | 0.5075484 |
| 80 | 0.0000000 | 0.1315789 | 0.9736842 | 0.4736842 | 0.2105263 | 0.4210526 | 83.08140 | 0.2931542 | -3.0814022 | 0.0115502 | 2.724583 | 0.0021551 | -1.1362369 |
| 79 | 0.0000000 | 0.0500000 | 0.9500000 | 0.5250000 | 0.0750000 | 0.5750000 | 83.06548 | 0.4123133 | -4.0654802 | 0.0228481 | 2.713917 | 0.0075936 | -1.5077475 |
| 81 | 0.0000000 | 0.0243902 | 0.8536585 | 0.5121951 | 0.1951220 | 0.2682927 | 82.91648 | 0.3034058 | -1.9164794 | 0.0123721 | 2.733144 | 0.0008945 | -0.7069770 |
| 81 | 0.0000000 | 0.4594595 | 0.4324324 | 0.4054054 | 0.4594595 | 0.4324324 | 82.98814 | 0.5673488 | -1.9881381 | 0.0432609 | 2.732545 | 0.0035867 | -0.7451567 |
| 83 | 0.0000000 | 0.0512821 | 0.8717949 | 0.5128205 | 0.2307692 | 0.5384615 | 82.85930 | 0.2926252 | 0.1407019 | 0.0115085 | 2.738509 | 0.0000045 | 0.0518814 |
| 82 | 0.2549020 | 0.3421053 | 0.7894737 | 0.6052632 | 0.7368421 | 0.1052632 | 81.12368 | 1.3394852 | 0.8763193 | 0.2411412 | 2.737071 | 0.0061741 | 0.3687905 |
| 85 | 0.0000000 | 0.1538462 | 0.8974359 | 0.5128205 | 0.2051282 | 0.0769231 | 82.88866 | 0.3005139 | 2.1113351 | 0.0121374 | 2.731991 | 0.0010645 | 0.7787655 |
| 80 | 0.0000000 | 0.0000000 | 0.8333333 | 0.4166667 | 0.0000000 | 0.0000000 | 83.71202 | 0.5003129 | -3.7120197 | 0.0336418 | 2.717798 | 0.0095306 | -1.3843280 |
| 83 | 0.0000000 | 0.0000000 | 0.9729730 | 0.4054054 | 0.1621622 | 0.0000000 | 83.49106 | 0.4072372 | -0.4910568 | 0.0222890 | 2.738181 | 0.0001080 | -0.1820641 |
| 84 | 0.0000000 | 0.2666667 | 0.8000000 | 0.4666667 | 0.2666667 | 0.1333333 | 83.01034 | 0.3032850 | 0.9896631 | 0.0123622 | 2.737101 | 0.0002383 | 0.3650786 |
| 82 | 0.0256410 | 0.0512821 | 0.8974359 | 0.4871795 | 0.4102564 | 0.7692308 | 82.64542 | 0.3744188 | -0.6454226 | 0.0188413 | 2.737923 | 0.0001565 | -0.2388759 |
| 83 | 0.0500000 | 0.2500000 | 0.7000000 | 0.5000000 | 0.4250000 | 0.4250000 | 82.50612 | 0.4046545 | 0.4938773 | 0.0220072 | 2.738177 | 0.0001078 | 0.1830834 |
| 84 | 0.0000000 | 0.2500000 | 0.6500000 | 0.5000000 | 0.3250000 | 0.4500000 | 82.75602 | 0.3129093 | 1.2439790 | 0.0131593 | 2.736265 | 0.0004015 | 0.4590789 |
| 84 | 0.0000000 | 0.1351351 | 0.8918919 | 0.5675676 | 0.2972973 | 0.4324324 | 82.47223 | 0.3749118 | 1.5277723 | 0.0188910 | 2.735088 | 0.0008795 | 0.5654547 |
| 83 | 0.0000000 | 0.2500000 | 0.8888889 | 0.6666667 | 0.4166667 | 0.6111111 | 81.78399 | 0.6499595 | 1.2160114 | 0.0567765 | 2.736265 | 0.0018118 | 0.4590164 |
| 78 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5454545 | 0.0000000 | 0.0000000 | 82.90932 | 0.5613179 | -4.9093225 | 0.0423461 | 2.701824 | 0.0213667 | -1.8391413 |
| 83 | 0.0000000 | 0.0000000 | 0.9607843 | 0.5294118 | 0.0000000 | 0.0196078 | 83.15775 | 0.5066742 | -0.1577451 | 0.0345027 | 2.738501 | 0.0000177 | -0.0588543 |
| 78 | 0.0000000 | 0.0000000 | 0.9285714 | 0.3928571 | 0.0000000 | 0.0000000 | 83.82897 | 0.5328754 | -5.8289727 | 0.0381634 | 2.686863 | 0.0269108 | -2.1789095 |
| 81 | 0.0975610 | 0.3414634 | 0.2439024 | 0.5609756 | 0.7317073 | 0.2195122 | 81.60245 | 0.8010405 | -0.6024538 | 0.0862392 | 2.737962 | 0.0007198 | -0.2310497 |
| 83 | 0.0000000 | 0.0000000 | 0.9333333 | 0.5833333 | 0.0166667 | 0.0333333 | 82.86454 | 0.5795853 | 0.1354554 | 0.0451472 | 2.738510 | 0.0000174 | 0.0508190 |
| 82 | 0.0000000 | 0.0750000 | 0.9000000 | 0.4250000 | 0.2250000 | 0.1000000 | 83.28897 | 0.3606675 | -1.2889694 | 0.0174827 | 2.736087 | 0.0005777 | -0.4767276 |
| 78 | 0.0000000 | 0.5263158 | 0.5789474 | 0.5526316 | 0.4736842 | 0.3684211 | 82.23647 | 0.4738384 | -4.2364676 | 0.0301756 | 2.711589 | 0.0110554 | -1.5770852 |
| 84 | 0.0000000 | 0.6000000 | 0.3500000 | 0.5500000 | 0.4750000 | 0.1000000 | 82.23900 | 0.4734021 | 1.7610020 | 0.0301201 | 2.733901 | 0.0019065 | 0.6555392 |
| 82 | 0.0000000 | 0.0263158 | 0.9736842 | 0.5000000 | 0.0526316 | 0.0000000 | 83.21174 | 0.4144912 | -1.2117391 | 0.0230901 | 2.736359 | 0.0006821 | -0.4494482 |
| 84 | 0.0256410 | 0.0000000 | 100.0000000 | 0.5641026 | 0.0512821 | 0.0000000 | 82.68983 | 0.5821237 | 1.3101740 | 0.0455435 | 2.735931 | 0.0016477 | 0.4916417 |
| 84 | 0.0000000 | 0.0303030 | 100.0000000 | 0.3636364 | 0.0000000 | 0.0303030 | 83.80386 | 0.5576369 | 0.1961372 | 0.0417925 | 2.738480 | 0.0000336 | 0.0734561 |
| 89 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3750000 | 0.0000000 | 0.0000000 | 83.74776 | 0.5385402 | 5.2522370 | 0.0389791 | 2.696623 | 0.0223539 | 1.9641548 |
| 76 | 0.0000000 | 0.9750000 | 0.0000000 | 0.5500000 | 0.5250000 | 0.3750000 | 82.15433 | 0.5297760 | -6.1543324 | 0.0377207 | 2.680896 | 0.0296236 | -2.3000019 |
| 80 | 0.0000000 | 100.0000000 | 0.0000000 | 0.5405405 | 0.6216216 | 0.6756757 | 80.08776 | 2.4293170 | -0.0877604 | 0.7931658 | 2.738484 | 0.0027417 | -0.0707433 |
| 81 | 0.0000000 | 0.2931034 | 0.6896552 | 0.5344828 | 0.1896552 | 0.3275862 | 82.81270 | 0.3331717 | -1.8126990 | 0.0149187 | 2.733700 | 0.0009699 | -0.6695569 |
| 84 | 0.0000000 | 0.0000000 | 0.9148936 | 0.5744681 | 0.1914894 | 0.4255319 | 82.62089 | 0.4087410 | 1.3791053 | 0.0224539 | 2.735717 | 0.0008580 | 0.5113599 |
| 83 | 0.0000000 | 0.1666667 | 0.8333333 | 0.6666667 | 0.3611111 | 0.7500000 | 81.88400 | 0.6333288 | 1.1159964 | 0.0539081 | 2.736630 | 0.0014402 | 0.4206239 |
| 85 | 0.0000000 | 0.0000000 | 0.7068966 | 0.5517241 | 0.2586207 | 0.5172414 | 82.62125 | 0.3420294 | 2.3787537 | 0.0157225 | 2.730195 | 0.0017631 | 0.8789993 |
| 85 | 0.0000000 | 0.0869565 | 0.7391304 | 0.5652174 | 0.2826087 | 0.2608696 | 82.50547 | 0.3691005 | 2.4945322 | 0.0183099 | 2.729337 | 0.0022699 | 0.9229958 |
| 83 | 0.0000000 | 0.0000000 | 0.9743590 | 0.5384615 | 0.3333333 | 0.2564103 | 82.55190 | 0.3408541 | 0.4480955 | 0.0156147 | 2.738242 | 0.0000621 | 0.1655716 |
| 84 | 0.0175439 | 0.0000000 | 0.9824561 | 0.3859649 | 0.0350877 | 0.0350877 | 83.77629 | 0.5357085 | 0.2237096 | 0.0385703 | 2.738463 | 0.0000401 | 0.0836418 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4531250 | 0.0312500 | 0.0156250 | 83.31068 | 0.4644456 | -0.3106815 | 0.0289911 | 2.738394 | 0.0000570 | -0.1155850 |
| 81 | 0.0169492 | 0.1355932 | 0.7796610 | 0.4915254 | 0.2711864 | 0.2372881 | 82.85900 | 0.2820829 | -1.8590033 | 0.0106942 | 2.733471 | 0.0007250 | -0.6851927 |
| 82 | 0.0000000 | 0.2131148 | 0.9672131 | 0.5081967 | 0.4426230 | 0.1147541 | 82.50673 | 0.4219462 | -0.5067329 | 0.0239282 | 2.738157 | 0.0001238 | -0.1880338 |
| 86 | 0.0000000 | 0.0800000 | 0.9800000 | 0.4800000 | 0.1800000 | 0.0000000 | 83.09217 | 0.3010228 | 2.9078284 | 0.0121785 | 2.726106 | 0.0020262 | 1.0725742 |
| 78 | 0.0000000 | 0.0526316 | 0.8684211 | 0.5526316 | 0.0526316 | 0.2105263 | 82.95809 | 0.4798673 | -4.9580870 | 0.0309484 | 2.701529 | 0.0155550 | -1.8464540 |
| 82 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4000000 | 0.0750000 | 0.0500000 | 83.49841 | 0.5033128 | -1.4984117 | 0.0340464 | 2.735168 | 0.0015730 | -0.5589215 |
| 80 | 0.0000000 | 0.0285714 | 0.9142857 | 0.4571429 | 0.0857143 | 0.1142857 | 83.36930 | 0.3782504 | -3.3692996 | 0.0192289 | 2.721714 | 0.0043571 | -1.2472503 |
| 78 | 0.0540541 | 0.1081081 | 0.1351351 | 0.5675676 | 0.5405405 | 0.2432432 | 81.96959 | 0.5326348 | -3.9695930 | 0.0381289 | 2.714696 | 0.0124684 | -1.4838342 |
| 84 | 0.0000000 | 0.0175439 | 100.0000000 | 0.4561404 | 0.0000000 | 0.0000000 | 83.34830 | 0.4721220 | 0.6517009 | 0.0299574 | 2.737903 | 0.0002596 | 0.2425776 |
| 80 | 0.0416667 | 0.2708333 | 0.3125000 | 0.5625000 | 0.6666667 | 0.3541667 | 81.79872 | 0.6754354 | -1.7987236 | 0.0613145 | 2.733539 | 0.0043226 | -0.6806161 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3859649 | 0.0350877 | 0.0175439 | 83.63455 | 0.5194020 | 1.3654518 | 0.0362579 | 2.735733 | 0.0013974 | 0.5099103 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4871795 | 0.1025641 | 0.1025641 | 83.02405 | 0.4719608 | -3.0240468 | 0.0299369 | 2.724843 | 0.0055858 | -1.1256058 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4102564 | 0.2564103 | 0.3589744 | 83.14725 | 0.5921129 | -0.1472529 | 0.0471199 | 2.738505 | 0.0000216 | -0.0553022 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5333333 | 0.0333333 | 0.1333333 | 82.91572 | 0.5284827 | -3.9157185 | 0.0375368 | 2.715355 | 0.0119291 | -1.4632455 |
| 82 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4324324 | 0.0000000 | 0.0540541 | 83.46669 | 0.4771359 | -1.4666929 | 0.0305971 | 2.735321 | 0.0013448 | -0.5461159 |
| 80 | 0.0000000 | 0.0697674 | 0.9302326 | 0.4186047 | 0.1860465 | 0.0000000 | 83.38416 | 0.3749582 | -3.3841577 | 0.0188956 | 2.721571 | 0.0043165 | -1.2525377 |
| 85 | 0.0000000 | 0.0750000 | 100.0000000 | 0.4250000 | 0.1000000 | 0.0250000 | 83.33073 | 0.4813784 | 1.6692716 | 0.0311436 | 2.734367 | 0.0017750 | 0.6217204 |
| 82 | 0.0161290 | 0.1774194 | 0.7903226 | 0.4354839 | 0.1935484 | 0.1129032 | 83.26401 | 0.3498311 | -1.2640146 | 0.0164480 | 2.736183 | 0.0005216 | -0.4672521 |
| 85 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4750000 | 0.0000000 | 0.0000000 | 83.42497 | 0.4679847 | 1.5750270 | 0.0294347 | 2.734832 | 0.0014883 | 0.5861023 |
| 84 | 0.0000000 | 0.1621622 | 0.6756757 | 0.3783784 | 0.3243243 | 0.1891892 | 83.35019 | 0.5115313 | 0.6498050 | 0.0351674 | 2.737904 | 0.0003063 | 0.2425241 |
| 86 | 0.0000000 | 0.0555556 | 100.0000000 | 0.5277778 | 0.2777778 | 0.6666667 | 82.53985 | 0.5884025 | 3.4601495 | 0.0465312 | 2.720282 | 0.0117657 | 1.2990906 |
| 78 | 0.0000000 | 0.1282051 | 100.0000000 | 0.4615385 | 0.4615385 | 0.5128205 | 82.54727 | 0.7754305 | -4.5472689 | 0.0808130 | 2.705745 | 0.0379728 | -1.7387876 |
| 81 | 0.0000000 | 0.6052632 | 0.7105263 | 0.4736842 | 0.5526316 | 0.4210526 | 82.48998 | 0.5800677 | -1.4899819 | 0.0452223 | 2.735167 | 0.0021145 | -0.5590204 |
| 86 | 0.0000000 | 0.0476190 | 0.9523810 | 0.4285714 | 0.1269841 | 0.0952381 | 83.43862 | 0.3784634 | 2.5613786 | 0.0192506 | 2.728827 | 0.0025210 | 0.9481839 |
| 87 | 0.0000000 | 0.0000000 | 0.9444444 | 0.3888889 | 0.1388889 | 0.0000000 | 83.61198 | 0.4506852 | 3.3880243 | 0.0272987 | 2.721384 | 0.0063588 | 1.2593736 |
| 86 | 0.0000000 | 0.0000000 | 0.9473684 | 0.4473684 | 0.0526316 | 0.1578947 | 83.47537 | 0.4163530 | 2.5246278 | 0.0232980 | 2.729065 | 0.0029887 | 0.9365137 |
| 83 | 0.0000000 | 0.0263158 | 0.9736842 | 0.3684211 | 0.0000000 | 0.0000000 | 83.94857 | 0.5758202 | -0.9485732 | 0.0445625 | 2.737173 | 0.0008433 | -0.3557685 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4358974 | 0.0769231 | 0.0000000 | 83.31724 | 0.4691579 | 1.6827610 | 0.0295824 | 2.734306 | 0.0017079 | 0.6262402 |
| 81 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4000000 | 0.0666667 | 0.0666667 | 83.68214 | 0.4658696 | -2.6821375 | 0.0291692 | 2.727780 | 0.0042746 | -0.9979461 |
| 84 | 0.0000000 | 0.0810811 | 0.8918919 | 0.5135135 | 0.1351351 | 0.4324324 | 83.01530 | 0.3424728 | 0.9847033 | 0.0157633 | 2.737110 | 0.0003029 | 0.3638760 |
| 81 | 0.0500000 | 0.0250000 | 100.0000000 | 0.4750000 | 0.1000000 | 0.2000000 | 83.01153 | 0.5188008 | -2.0115294 | 0.0361740 | 2.732448 | 0.0030252 | -0.7511469 |
| 79 | 0.1724138 | 0.8275862 | 0.0000000 | 0.5862069 | 0.2758621 | 0.5862069 | 82.13696 | 0.9076027 | -3.1369590 | 0.1107101 | 2.722456 | 0.0264494 | -1.2195089 |
| 79 | 0.0000000 | 0.2162162 | 0.7297297 | 0.5405405 | 0.2972973 | 0.4324324 | 82.60384 | 0.3285482 | -3.6038443 | 0.0145075 | 2.719374 | 0.0037249 | -1.3308748 |
| 89 | 0.0270270 | 0.0000000 | 100.0000000 | 0.4594595 | 0.0270270 | 0.1621622 | 83.24796 | 0.4861279 | 5.7520428 | 0.0317612 | 2.688566 | 0.0215216 | 2.1430321 |
| 83 | 0.0000000 | 0.3333333 | 0.6944444 | 0.3888889 | 0.3055556 | 0.4166667 | 83.33306 | 0.4731685 | -0.3330634 | 0.0300904 | 2.738372 | 0.0000681 | -0.1239821 |
| 85 | 0.0256410 | 0.1538462 | 0.4102564 | 0.4615385 | 0.4615385 | 0.5128205 | 82.67624 | 0.4578003 | 2.3237576 | 0.0281675 | 2.730475 | 0.0030920 | 0.8641575 |
| 80 | 0.0000000 | 0.0000000 | 0.9487179 | 0.5128205 | 0.2564103 | 0.3076923 | 82.81041 | 0.2918942 | -2.8104093 | 0.0114511 | 2.726936 | 0.0017770 | -1.0362590 |
| 83 | 0.0000000 | 0.0000000 | 0.9117647 | 0.4705882 | 0.0588235 | 0.0294118 | 83.34727 | 0.4000534 | -0.3472725 | 0.0215096 | 2.738359 | 0.0000520 | -0.1287034 |
| 86 | 0.0000000 | 0.0263158 | 0.9210526 | 0.6052632 | 0.0526316 | 0.3947368 | 82.70451 | 0.5902521 | 3.2954915 | 0.0468242 | 2.721978 | 0.0107464 | 1.2374610 |
| 82 | 0.0000000 | 0.0000000 | 0.9714286 | 0.5428571 | 0.0857143 | 0.1428571 | 82.94891 | 0.4280957 | -0.9489075 | 0.0246307 | 2.737200 | 0.0004476 | -0.3522388 |
| 81 | 0.0000000 | 0.0000000 | 0.9090909 | 0.4848485 | 0.1515152 | 0.2727273 | 83.12575 | 0.3159946 | -2.1257484 | 0.0134201 | 2.731893 | 0.0011962 | -0.7845914 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4705882 | 0.1470588 | 0.1176471 | 83.03029 | 0.4789329 | -2.0302939 | 0.0308280 | 2.732368 | 0.0025975 | -0.7560601 |
| 79 | 0.5526316 | 100.0000000 | 0.0000000 | 0.5789474 | 0.6842105 | 0.6578947 | 78.91998 | 2.4300391 | 0.0800167 | 0.7936375 | 2.738493 | 0.0022910 | 0.0645748 |

## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced  
  
## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced



Age as a confounder:

##   
## Call:  
## lm(formula = dbp ~ fuel\_used\_for\_cooking\_percent\_wood\_dung +   
## percent\_public\_source + percent\_private\_toilet + percent\_employed +   
## percent\_without\_hs\_education + percent\_caste + median\_age,   
## data = total)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -6.1029 -1.7170 0.1546 1.5727 7.1809   
##   
## Coefficients:  
## Estimate Std. Error t value  
## (Intercept) 83.341642 3.915282 21.286  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.905862 5.447431 -0.350  
## percent\_public\_source -0.019995 0.024049 -0.831  
## percent\_private\_toilet -0.002918 0.006389 -0.457  
## percent\_employed -3.941354 3.608896 -1.092  
## percent\_without\_hs\_education -1.079877 1.821613 -0.593  
## percent\_caste 0.027308 0.027788 0.983  
## median\_age 0.041410 0.060904 0.680  
## Pr(>|t|)   
## (Intercept) <2e-16 \*\*\*  
## fuel\_used\_for\_cooking\_percent\_wood\_dung 0.727   
## percent\_public\_source 0.407   
## percent\_private\_toilet 0.649   
## percent\_employed 0.277   
## percent\_without\_hs\_education 0.554   
## percent\_caste 0.328   
## median\_age 0.498   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 2.734 on 126 degrees of freedom  
## Multiple R-squared: 0.07082, Adjusted R-squared: 0.0192   
## F-statistic: 1.372 on 7 and 126 DF, p-value: 0.2228

## Estimate Std. Error  
## (Intercept) 83.341641506 3.915282239  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.905861767 5.447430513  
## percent\_public\_source -0.019995054 0.024048845  
## percent\_private\_toilet -0.002917875 0.006389225  
## percent\_employed -3.941354044 3.608895757  
## percent\_without\_hs\_education -1.079876915 1.821612995  
## percent\_caste 0.027308172 0.027788326  
## median\_age 0.041409669 0.060903867  
## t value Pr(>|t|)  
## (Intercept) 21.2862410 1.489059e-43  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -0.3498644 7.270246e-01  
## percent\_public\_source -0.8314351 4.073007e-01  
## percent\_private\_toilet -0.4566868 6.486825e-01  
## percent\_employed -1.0921219 2.768633e-01  
## percent\_without\_hs\_education -0.5928136 5.543684e-01  
## percent\_caste 0.9827210 3.276280e-01  
## median\_age 0.6799186 4.978033e-01

## (Intercept)   
## 83.341641506   
## fuel\_used\_for\_cooking\_percent\_wood\_dung   
## -1.905861767   
## percent\_public\_source   
## -0.019995054   
## percent\_private\_toilet   
## -0.002917875   
## percent\_employed   
## -3.941354044   
## percent\_without\_hs\_education   
## -1.079876915   
## percent\_caste   
## 0.027308172   
## median\_age   
## 0.041409669

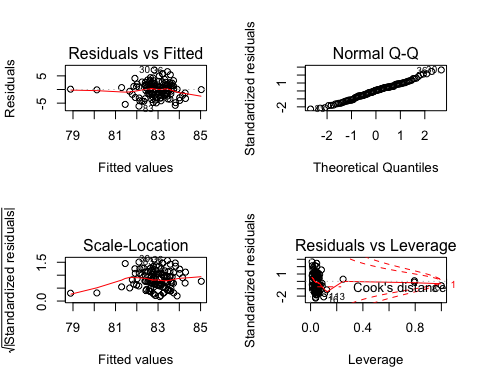
## 1 2 3 4 5 6 7 8   
## 82.68914 82.81038 83.10226 82.87292 83.66429 82.60927 82.24851 85.03443   
## 9 10 11 12 13 14 15 16   
## 83.15902 82.87841 82.01775 82.87781 82.79985 82.73052 83.31810 81.45609   
## 17 18 19 20 21 22 23 24   
## 83.18052 82.09577 82.99619 83.06234 81.91103 82.75814 82.64100 83.05701   
## 25 26 27 28 29 30 31 32   
## 83.19467 82.39446 83.42692 83.22329 82.56650 82.81909 82.72660 83.59692   
## 33 34 35 36 37 38 39 40   
## 82.42999 83.12961 82.79723 83.44382 84.15470 83.36398 83.48430 82.11608   
## 41 42 43 44 45 46 47 48   
## 84.29197 83.56853 83.29654 82.76606 83.56019 82.97007 83.05157 83.23759   
## 49 50 51 52 53 54 55 56   
## 83.43628 83.72676 83.60688 83.02307 83.82627 83.53746 82.69207 82.76046   
## 57 58 59 60 61 62 63 64   
## 82.70447 82.74465 82.58865 82.63895 81.28547 82.85046 84.01937 83.46509   
## 65 66 67 68 69 70 71 72   
## 82.81152 82.65431 82.45490 82.64969 82.42860 81.86059 82.91686 83.28510   
## 73 74 75 76 77 78 79 80   
## 83.80926 81.66799 82.81230 83.42746 82.33348 82.38573 83.60137 82.94460   
## 81 82 83 84 85 86 87 88   
## 83.89564 83.57676 82.10295 80.12235 82.62917 82.52896 81.98832 82.66765   
## 89 90 91 92 93 94 95 96   
## 82.40264 82.56562 83.73775 83.07851 82.72095 82.64142 83.19472 82.77069   
## 97 98 99 100 101 102 103 104   
## 83.36686 83.46563 82.14442 83.46093 81.79006 83.61474 83.13258 83.24372   
## 105 106 107 108 109 110 111 112   
## 83.14052 83.34358 83.09595 83.33025 83.14464 83.65744 83.26275 82.51230   
## 113 114 115 116 117 118 119 120   
## 82.24623 82.52399 83.36518 83.72779 83.57398 84.27270 83.44984 84.01677   
## 121 122 123 124 125 126 127 128   
## 82.83686 82.70514 81.92918 82.39072 83.20184 83.44743 82.68706 82.90730   
## 129 130 131 132 133 134   
## 83.50173 82.63948 83.03906 83.05248 82.73730 78.88588

## # A tibble: 1 x 11  
## r.squared adj.r.squared sigma statistic p.value df logLik AIC BIC  
## <dbl> <dbl> <dbl> <dbl> <dbl> <int> <dbl> <dbl> <dbl>  
## 1 0.0708 0.0192 2.73 1.37 0.223 8 -321. 660. 686.  
## # … with 2 more variables: deviance <dbl>, df.residual <int>

|  |  |  |
| --- | --- | --- |
| term | estimate | p.value |
| (Intercept) | 83.342 | 0.000 |
| fuel\_used\_for\_cooking\_percent\_wood\_dung | -1.906 | 0.727 |
| percent\_public\_source | -0.020 | 0.407 |
| percent\_private\_toilet | -0.003 | 0.649 |
| percent\_employed | -3.941 | 0.277 |
| percent\_without\_hs\_education | -1.080 | 0.554 |
| percent\_caste | 0.027 | 0.328 |
| median\_age | 0.041 | 0.498 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| dbp | fuel\_used\_for\_cooking\_percent\_wood\_dung | percent\_public\_source | percent\_private\_toilet | percent\_employed | percent\_without\_hs\_education | percent\_caste | median\_age | .fitted | .se.fit | .resid | .hat | .sigma | .cooksd | .std.resid |
| 85 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5405405 | 0.0270270 | 0.5675676 | 43.08108 | 82.68914 | 0.6267633 | 2.3108614 | 0.0525727 | 2.736213 | 0.0052321 | 0.8685152 |
| 82 | 0.0000000 | 0.0789474 | 0.7368421 | 0.5789474 | 0.0263158 | 0.2368421 | 42.89474 | 82.81038 | 0.5686925 | -0.8103832 | 0.0432821 | 2.743440 | 0.0005195 | -0.3030923 |
| 84 | 0.0277778 | 0.0555556 | 0.4722222 | 0.4444444 | 0.3055556 | 0.7500000 | 45.33333 | 83.10226 | 0.3740232 | 0.8977437 | 0.0187219 | 2.743243 | 0.0002621 | 0.3315376 |
| 84 | 0.0000000 | 0.1538462 | 0.7692308 | 0.6153846 | 0.0000000 | 0.4615385 | 47.07692 | 82.87292 | 0.6968039 | 1.1270842 | 0.0649792 | 2.742459 | 0.0015795 | 0.4264049 |
| 86 | 0.0277778 | 0.1944444 | 0.8333333 | 0.3888889 | 0.2500000 | 0.3888889 | 52.50000 | 83.66429 | 0.6225980 | 2.3357091 | 0.0518762 | 2.736041 | 0.0052667 | 0.8775315 |
| 83 | 0.0000000 | 0.3076923 | 0.7435897 | 0.5128205 | 0.2820513 | 0.4871795 | 38.35897 | 82.60927 | 0.3756636 | 0.3907320 | 0.0188865 | 2.744213 | 0.0000501 | 0.1443098 |
| 85 | 0.0000000 | 0.1351351 | 0.5405405 | 0.6486486 | 0.3513514 | 0.9189189 | 44.00000 | 82.24851 | 0.6918800 | 2.7514885 | 0.0640641 | 2.732625 | 0.0092623 | 1.0404498 |
| 85 | 0.0526316 | 0.3947368 | 0.9473684 | 0.5789474 | 0.2631579 | 100.0000000 | 39.57895 | 85.03443 | 2.7328869 | -0.0344295 | 0.9995310 | 2.740754 | 90.0965434 | -0.5815730 |
| 81 | 0.0000000 | 0.2777778 | 0.3611111 | 0.4166667 | 0.4722222 | 0.0000000 | 47.72222 | 83.15902 | 0.6750916 | -2.1590224 | 0.0609928 | 2.737195 | 0.0053941 | -0.8150780 |
| 83 | 0.0000000 | 0.1500000 | 0.8500000 | 0.4250000 | 0.3500000 | 0.0750000 | 38.47500 | 82.87841 | 0.5098355 | 0.1215852 | 0.0347867 | 2.744418 | 0.0000092 | 0.0452737 |
| 84 | 0.0000000 | 0.1071429 | 0.9285714 | 0.6666667 | 0.3392857 | 0.6785714 | 40.00000 | 82.01775 | 0.6477080 | 1.9822491 | 0.0561451 | 2.738366 | 0.0041427 | 0.7464180 |
| 79 | 0.0000000 | 0.0344828 | 0.9137931 | 0.4655172 | 0.2068966 | 0.4137931 | 38.31034 | 82.87781 | 0.4770866 | -3.8778133 | 0.0304612 | 2.721741 | 0.0081518 | -1.4407239 |
| 85 | 0.0000000 | 0.3818182 | 0.8000000 | 0.4909091 | 0.2727273 | 0.8727273 | 40.41818 | 82.79985 | 0.3235661 | 2.2001496 | 0.0140113 | 2.737275 | 0.0011671 | 0.8105741 |
| 84 | 0.0000000 | 0.1636364 | 0.8909091 | 0.4909091 | 0.1818182 | 0.6545455 | 36.41818 | 82.73052 | 0.5585095 | 1.2694785 | 0.0417459 | 2.741988 | 0.0012256 | 0.4744183 |
| 87 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4545455 | 0.0606061 | 0.2121212 | 51.18182 | 83.31810 | 0.4709453 | 3.6819029 | 0.0296821 | 2.724001 | 0.0071495 | 1.3673880 |
| 76 | 0.0263158 | 0.8684211 | 0.1315789 | 0.7368421 | 0.4736842 | 0.8157895 | 38.05263 | 81.45609 | 0.8659778 | -5.4560875 | 0.1003613 | 2.695781 | 0.0617527 | -2.1043780 |
| 82 | 0.0000000 | 0.2702703 | 0.7837838 | 0.4594595 | 0.1891892 | 0.5945946 | 44.56757 | 83.18052 | 0.3115913 | -1.1805225 | 0.0129934 | 2.742382 | 0.0003110 | -0.4347011 |
| 83 | 0.1025641 | 0.0256410 | 0.9487179 | 0.5897436 | 0.2820513 | 0.6923077 | 37.74359 | 82.09577 | 0.6368696 | 0.9042262 | 0.0542818 | 2.743180 | 0.0008301 | 0.3401517 |
| 82 | 0.0000000 | 0.2105263 | 0.9473684 | 0.4210526 | 0.5263158 | 0.6315789 | 45.21053 | 82.99619 | 0.6787065 | -0.9961942 | 0.0616477 | 2.742898 | 0.0011623 | -0.3762162 |
| 82 | 0.0000000 | 0.0263158 | 0.8947368 | 0.4473684 | 0.2105263 | 0.2894737 | 41.21053 | 83.06234 | 0.3880736 | -1.0623440 | 0.0201549 | 2.742761 | 0.0003963 | -0.3926114 |
| 86 | 0.0540541 | 0.7837838 | 0.5675676 | 0.5405405 | 0.7297297 | 0.1621622 | 38.72973 | 81.91103 | 0.7874033 | 4.0889722 | 0.0829750 | 2.717737 | 0.0275979 | 1.5620684 |
| 87 | 0.0000000 | 0.1500000 | 0.9000000 | 0.5500000 | 0.1500000 | 0.4250000 | 42.02500 | 82.75814 | 0.3914802 | 4.2418628 | 0.0205103 | 2.717534 | 0.0064350 | 1.5679534 |
| 87 | 0.0000000 | 0.6923077 | 0.6666667 | 0.4871795 | 0.4102564 | 0.0256410 | 40.51282 | 82.64100 | 0.3939681 | 4.3589970 | 0.0207718 | 2.716012 | 0.0068856 | 1.6114658 |
| 88 | 0.0000000 | 0.8461538 | 0.6923077 | 0.4615385 | 0.3076923 | 0.2307692 | 45.38462 | 83.05701 | 0.3598210 | 4.9429900 | 0.0173271 | 2.707959 | 0.0073342 | 1.8241549 |
| 86 | 0.0000000 | 0.5365854 | 0.6585366 | 0.3902439 | 0.3170732 | 0.3658537 | 41.92683 | 83.19467 | 0.5025290 | 2.8053315 | 0.0337968 | 2.732543 | 0.0047662 | 1.0440623 |
| 84 | 0.0769231 | 0.3333333 | 0.7179487 | 0.5384615 | 0.3589744 | 0.7435897 | 41.00000 | 82.39446 | 0.4433265 | 1.6055363 | 0.0263027 | 2.740579 | 0.0011963 | 0.5952297 |
| 85 | 0.0000000 | 0.4102564 | 0.7179487 | 0.4102564 | 0.1282051 | 0.2051282 | 44.56410 | 83.42692 | 0.4350535 | 1.5730816 | 0.0253302 | 2.740737 | 0.0011038 | 0.5829066 |
| 89 | 0.0000000 | 0.1538462 | 0.7948718 | 0.4615385 | 0.1538462 | 0.0512821 | 45.17949 | 83.22329 | 0.3254741 | 5.7767073 | 0.0141770 | 2.694652 | 0.0081435 | 2.1284202 |
| 85 | 0.0000000 | 0.9250000 | 0.8250000 | 0.4500000 | 0.6250000 | 0.1750000 | 40.80000 | 82.56650 | 0.7208264 | 2.4335001 | 0.0695367 | 2.735148 | 0.0079569 | 0.9229076 |
| 90 | 0.0000000 | 0.2307692 | 0.8974359 | 0.5128205 | 0.2307692 | 0.1538462 | 42.28205 | 82.81909 | 0.2968540 | 7.1809139 | 0.0117934 | 2.667303 | 0.0104176 | 2.6426054 |
| 84 | 0.0000000 | 0.1750000 | 0.7750000 | 0.5000000 | 0.1750000 | 0.2500000 | 37.27500 | 82.72660 | 0.5142958 | 1.2734020 | 0.0353980 | 2.741989 | 0.0010320 | 0.4743162 |
| 84 | 0.0000000 | 0.1025641 | 0.7948718 | 0.3589744 | 0.1794872 | 0.2564103 | 44.94872 | 83.59692 | 0.5402181 | 0.4030841 | 0.0390563 | 2.744194 | 0.0001150 | 0.1504261 |
| 82 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5945946 | 0.0270270 | 0.0270270 | 42.32432 | 82.42999 | 0.7121241 | -0.4299942 | 0.0678679 | 2.744151 | 0.0002416 | -0.1629297 |
| 83 | 0.0263158 | 0.4736842 | 0.9210526 | 0.4473684 | 0.2631579 | 0.8157895 | 45.28947 | 83.12961 | 0.3427691 | -0.1296128 | 0.0157238 | 2.744415 | 0.0000046 | -0.0477932 |
| 86 | 0.0256410 | 0.2307692 | 0.9743590 | 0.5384615 | 0.1538462 | 0.4102564 | 43.20513 | 82.79723 | 0.3720723 | 3.2027731 | 0.0185271 | 2.729165 | 0.0033004 | 1.1826698 |
| 90 | 0.0000000 | 0.0188679 | 100.0000000 | 0.3773585 | 0.0754717 | 0.1320755 | 47.32075 | 83.44382 | 0.5921246 | 6.5561833 | 0.0469223 | 2.677901 | 0.0371439 | 2.4567638 |
| 82 | 0.0000000 | 0.0526316 | 0.9473684 | 0.3157895 | 0.0789474 | 0.0000000 | 51.84211 | 84.15470 | 0.6674939 | -2.1546977 | 0.0596276 | 2.737235 | 0.0052370 | -0.8128546 |
| 84 | 0.0000000 | 0.0000000 | 0.9750000 | 0.5000000 | 0.0250000 | 0.0000000 | 48.85000 | 83.36398 | 0.4735218 | 0.6360150 | 0.0300077 | 2.743832 | 0.0002158 | 0.2362434 |
| 83 | 0.0000000 | 0.0769231 | 0.8846154 | 0.4230769 | 0.0961538 | 0.0192308 | 46.30769 | 83.48430 | 0.4102685 | -0.4843033 | 0.0225263 | 2.744091 | 0.0000925 | -0.1792014 |
| 79 | 0.0000000 | 0.8285714 | 0.0285714 | 0.6000000 | 0.4571429 | 0.4000000 | 39.57143 | 82.11608 | 0.5394448 | -3.1160834 | 0.0389446 | 2.729675 | 0.0068491 | -1.1628169 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3030303 | 0.0000000 | 0.0303030 | 58.81818 | 84.29197 | 0.7412717 | -3.2919733 | 0.0735373 | 2.727338 | 0.0155320 | -1.2511772 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4000000 | 0.0333333 | 0.0000000 | 51.46667 | 83.56853 | 0.5013242 | 0.4314659 | 0.0336349 | 2.744159 | 0.0001122 | 0.1605655 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4444444 | 0.0000000 | 0.0000000 | 48.25926 | 83.29654 | 0.5006483 | -2.2965410 | 0.0335443 | 2.736475 | 0.0031686 | -0.8545937 |
| 83 | 0.0000000 | 0.0263158 | 100.0000000 | 0.5526316 | 0.0526316 | 0.0789474 | 47.07895 | 82.76605 | 0.5587496 | 0.2339450 | 0.0417818 | 2.744357 | 0.0000417 | 0.0874295 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3947368 | 0.1052632 | 0.0526316 | 52.60526 | 83.56019 | 0.5349059 | -3.5601889 | 0.0382920 | 2.725163 | 0.0087787 | -1.3280912 |
| 80 | 0.0000000 | 0.0000000 | 0.9666667 | 0.5666667 | 0.0333333 | 0.1000000 | 45.83333 | 82.97007 | 0.5333305 | -2.9700650 | 0.0380667 | 2.731042 | 0.0060709 | -1.1078219 |
| 84 | 0.0400000 | 0.0000000 | 100.0000000 | 0.5000000 | 0.1000000 | 0.0000000 | 52.08000 | 83.05157 | 0.5545102 | 0.9484296 | 0.0411502 | 2.743073 | 0.0006735 | 0.3543287 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4761905 | 0.0000000 | 0.0000000 | 49.85714 | 83.23759 | 0.4793026 | 0.7624135 | 0.0307449 | 2.743566 | 0.0003182 | 0.2833009 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4473684 | 0.0000000 | 0.0263158 | 51.89474 | 83.43628 | 0.4778179 | -2.4362792 | 0.0305547 | 2.735502 | 0.0032281 | -0.9051944 |
| 85 | 0.0000000 | 0.0000000 | 0.9855072 | 0.4347826 | 0.0144928 | 0.0434783 | 51.10145 | 83.72676 | 0.5032886 | 1.2732352 | 0.0338990 | 2.741993 | 0.0009850 | 0.4738860 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4615385 | 0.0512821 | 0.0000000 | 58.71795 | 83.60688 | 0.7168968 | -0.6068800 | 0.0687806 | 2.743864 | 0.0004887 | -0.2300665 |
| 86 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5483871 | 0.0000000 | 0.0000000 | 51.54839 | 83.02307 | 0.5982951 | 2.9769321 | 0.0479053 | 2.730840 | 0.0078347 | 1.1161057 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4117647 | 0.0000000 | 0.0000000 | 57.94118 | 83.82627 | 0.6231558 | -4.8262685 | 0.0519692 | 2.708393 | 0.0225314 | -1.8133295 |
| 86 | 0.0000000 | 0.1304348 | 0.8695652 | 0.4347826 | 0.1304348 | 0.1086957 | 49.56522 | 83.53746 | 0.4194837 | 2.4625420 | 0.0235496 | 2.735374 | 0.0025056 | 0.9116645 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5641026 | 0.1025641 | 0.1282051 | 47.64103 | 82.69207 | 0.5774063 | 1.3079304 | 0.0446186 | 2.741829 | 0.0013989 | 0.4895226 |
| 80 | 0.0000000 | 0.1315789 | 0.9736842 | 0.4736842 | 0.2105263 | 0.4210526 | 36.39474 | 82.76046 | 0.5559808 | -2.7604620 | 0.0413688 | 2.732830 | 0.0057385 | -1.0314127 |
| 79 | 0.0000000 | 0.0500000 | 0.9500000 | 0.5250000 | 0.0750000 | 0.5750000 | 36.25000 | 82.70447 | 0.6727878 | -3.7044708 | 0.0605772 | 2.723066 | 0.0157580 | -1.3982090 |
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| 81 | 0.0000000 | 0.4594595 | 0.4324324 | 0.4054054 | 0.4594595 | 0.4324324 | 32.35135 | 82.58865 | 0.8175963 | -1.5886546 | 0.0894604 | 2.740397 | 0.0045557 | -0.6090550 |
| 83 | 0.0000000 | 0.0512821 | 0.8717949 | 0.5128205 | 0.2307692 | 0.5384615 | 37.58974 | 82.63895 | 0.4370644 | 0.3610540 | 0.0255649 | 2.744245 | 0.0000587 | 0.1338049 |
| 82 | 0.2549020 | 0.3421053 | 0.7894737 | 0.6052632 | 0.7368421 | 0.1052632 | 39.05263 | 81.28547 | 1.3632566 | 0.7145345 | 0.2487185 | 2.743450 | 0.0037637 | 0.3015771 |
| 85 | 0.0000000 | 0.1538462 | 0.8974359 | 0.5128205 | 0.2051282 | 0.0769231 | 42.38462 | 82.85046 | 0.3063494 | 2.1495401 | 0.0125599 | 2.737612 | 0.0009957 | 0.7913465 |
| 80 | 0.0000000 | 0.0000000 | 0.8333333 | 0.4166667 | 0.0000000 | 0.0000000 | 56.08333 | 84.01937 | 0.6750698 | -4.0193714 | 0.0609888 | 2.719249 | 0.0186934 | -1.5173970 |
| 83 | 0.0000000 | 0.0000000 | 0.9729730 | 0.4054054 | 0.1621622 | 0.0000000 | 45.86486 | 83.46509 | 0.4098852 | -0.4650900 | 0.0224842 | 2.744118 | 0.0000851 | -0.1720884 |
| 84 | 0.0000000 | 0.2666667 | 0.8000000 | 0.4666667 | 0.2666667 | 0.1333333 | 38.66667 | 82.81152 | 0.4217515 | 1.1884756 | 0.0238049 | 2.742331 | 0.0005903 | 0.4400463 |
| 82 | 0.0256410 | 0.0512821 | 0.8974359 | 0.4871795 | 0.4102564 | 0.7692308 | 41.23077 | 82.65431 | 0.3754418 | -0.6543148 | 0.0188642 | 2.743804 | 0.0001404 | -0.2416566 |
| 83 | 0.0500000 | 0.2500000 | 0.7000000 | 0.5000000 | 0.4250000 | 0.4250000 | 39.45000 | 82.45490 | 0.4124525 | 0.5451001 | 0.0227667 | 2.743997 | 0.0001185 | 0.2017222 |
| 84 | 0.0000000 | 0.2500000 | 0.6500000 | 0.5000000 | 0.3250000 | 0.4500000 | 39.22500 | 82.64969 | 0.3504066 | 1.3503079 | 0.0164323 | 2.741737 | 0.0005181 | 0.4980892 |
| 84 | 0.0000000 | 0.1351351 | 0.8918919 | 0.5675676 | 0.2972973 | 0.4324324 | 39.56757 | 82.42860 | 0.3811489 | 1.5714034 | 0.0194421 | 2.740768 | 0.0008353 | 0.5805338 |
| 83 | 0.0000000 | 0.2500000 | 0.8888889 | 0.6666667 | 0.4166667 | 0.6111111 | 38.33333 | 81.86059 | 0.6610117 | 1.1394100 | 0.0584751 | 2.742430 | 0.0014326 | 0.4295766 |
| 78 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5454545 | 0.0000000 | 0.0000000 | 48.70455 | 82.91686 | 0.5626193 | -4.9168636 | 0.0423626 | 2.707396 | 0.0186818 | -1.8380786 |
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| 78 | 0.0000000 | 0.0000000 | 0.9285714 | 0.3928571 | 0.0000000 | 0.0000000 | 48.75000 | 83.80926 | 0.5347932 | -5.8092643 | 0.0382758 | 2.692810 | 0.0233630 | -2.1670670 |
| 81 | 0.0975610 | 0.3414634 | 0.2439024 | 0.5609756 | 0.7317073 | 0.2195122 | 36.58537 | 81.66799 | 0.8085077 | -0.6679896 | 0.0874825 | 2.743727 | 0.0007842 | -0.2558147 |
| 83 | 0.0000000 | 0.0000000 | 0.9333333 | 0.5833333 | 0.0166667 | 0.0333333 | 43.21667 | 82.81230 | 0.5858779 | 0.1877048 | 0.0459375 | 2.744387 | 0.0000297 | 0.0703013 |
| 82 | 0.0000000 | 0.0750000 | 0.9000000 | 0.4250000 | 0.2250000 | 0.1000000 | 48.42500 | 83.42746 | 0.4148781 | -1.4274621 | 0.0230353 | 2.741399 | 0.0008227 | -0.5283256 |
| 78 | 0.0000000 | 0.5263158 | 0.5789474 | 0.5526316 | 0.4736842 | 0.3684211 | 40.65789 | 82.33348 | 0.4958191 | -4.3334820 | 0.0329003 | 2.715991 | 0.0110508 | -1.6120475 |
| 84 | 0.0000000 | 0.6000000 | 0.3500000 | 0.5500000 | 0.4750000 | 0.1000000 | 41.90000 | 82.38573 | 0.5211885 | 1.6142671 | 0.0363532 | 2.740496 | 0.0017066 | 0.6015794 |
| 82 | 0.0000000 | 0.0263158 | 0.9736842 | 0.5000000 | 0.0526316 | 0.0000000 | 55.31579 | 83.60137 | 0.7077613 | -1.6013701 | 0.0670388 | 2.740431 | 0.0033040 | -0.6065078 |
| 84 | 0.0256410 | 0.0000000 | 100.0000000 | 0.5641026 | 0.0512821 | 0.0000000 | 53.66667 | 82.94460 | 0.6933374 | 1.0554016 | 0.0643342 | 2.742705 | 0.0013693 | 0.3991479 |
| 84 | 0.0000000 | 0.0303030 | 100.0000000 | 0.3636364 | 0.0000000 | 0.0303030 | 55.03030 | 83.89564 | 0.5748934 | 0.1043574 | 0.0442311 | 2.744424 | 0.0000088 | 0.0390502 |
| 89 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3750000 | 0.0000000 | 0.0000000 | 48.41667 | 83.57676 | 0.5954077 | 5.4232356 | 0.0474441 | 2.699063 | 0.0257265 | 2.0327768 |
| 76 | 0.0000000 | 0.9750000 | 0.0000000 | 0.5500000 | 0.5250000 | 0.3750000 | 36.35000 | 82.10295 | 0.5362531 | -6.1029483 | 0.0384851 | 2.687389 | 0.0259372 | -2.2768696 |
| 80 | 0.0000000 | 100.0000000 | 0.0000000 | 0.5405405 | 0.6216216 | 0.6756757 | 37.75676 | 80.12235 | 2.4350075 | -0.1223459 | 0.7935121 | 2.744335 | 0.0046602 | -0.0984960 |
| 81 | 0.0000000 | 0.2931034 | 0.6896552 | 0.5344828 | 0.1896552 | 0.3275862 | 38.58621 | 82.62917 | 0.4293476 | -1.6291664 | 0.0246701 | 2.740471 | 0.0011515 | -0.6034845 |
| 84 | 0.0000000 | 0.0000000 | 0.9148936 | 0.5744681 | 0.1914894 | 0.4255319 | 39.82979 | 82.52896 | 0.4313479 | 1.4710363 | 0.0249005 | 2.741204 | 0.0009480 | 0.5449735 |
| 83 | 0.0000000 | 0.1666667 | 0.8333333 | 0.6666667 | 0.3611111 | 0.7500000 | 39.83333 | 81.98832 | 0.6529545 | 1.0116812 | 0.0570583 | 2.742858 | 0.0010988 | 0.3811340 |
| 85 | 0.0000000 | 0.0000000 | 0.7068966 | 0.5517241 | 0.2586207 | 0.5172414 | 42.68966 | 82.66765 | 0.3494844 | 2.3323504 | 0.0163459 | 2.736368 | 0.0015374 | 0.8602983 |
| 85 | 0.0000000 | 0.0869565 | 0.7391304 | 0.5652174 | 0.2826087 | 0.2608696 | 38.41304 | 82.40264 | 0.3996098 | 2.5973630 | 0.0213710 | 2.734374 | 0.0025184 | 0.9605060 |
| 83 | 0.0000000 | 0.0000000 | 0.9743590 | 0.5384615 | 0.3333333 | 0.2564103 | 41.10256 | 82.56562 | 0.3421729 | 0.4343824 | 0.0156691 | 2.744161 | 0.0000510 | 0.1601689 |
| 84 | 0.0175439 | 0.0000000 | 0.9824561 | 0.3859649 | 0.0350877 | 0.0350877 | 48.07018 | 83.73775 | 0.5398301 | 0.2622479 | 0.0390002 | 2.744336 | 0.0000486 | 0.0978649 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4531250 | 0.0312500 | 0.0156250 | 44.62500 | 83.07851 | 0.5772550 | -0.0785150 | 0.0445952 | 2.744431 | 0.0000050 | -0.0293856 |
| 81 | 0.0169492 | 0.1355932 | 0.7796610 | 0.4915254 | 0.2711864 | 0.2372881 | 39.61017 | 82.72095 | 0.3480434 | -1.7209528 | 0.0162114 | 2.740049 | 0.0008299 | -0.6347381 |
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| 86 | 0.0000000 | 0.0800000 | 0.9800000 | 0.4800000 | 0.1800000 | 0.0000000 | 46.94000 | 83.19472 | 0.3372685 | 2.8052755 | 0.0152231 | 2.732768 | 0.0020665 | 1.0341489 |
| 78 | 0.0000000 | 0.0526316 | 0.8684211 | 0.5526316 | 0.0526316 | 0.2105263 | 40.13158 | 82.77069 | 0.5542730 | -4.7706874 | 0.0411150 | 2.709625 | 0.0170252 | -1.7822728 |
| 82 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4000000 | 0.0750000 | 0.0500000 | 47.65000 | 83.36686 | 0.5402196 | -1.3668578 | 0.0390565 | 2.741605 | 0.0013219 | -0.5100948 |
| 80 | 0.0000000 | 0.0285714 | 0.9142857 | 0.4571429 | 0.0857143 | 0.1142857 | 48.74286 | 83.46563 | 0.4046642 | -3.4656262 | 0.0219151 | 2.726484 | 0.0046027 | -1.2819465 |
| 78 | 0.0540541 | 0.1081081 | 0.1351351 | 0.5675676 | 0.5405405 | 0.2432432 | 41.59459 | 82.14442 | 0.5924740 | -4.1444250 | 0.0469777 | 2.718045 | 0.0148620 | -1.5530635 |
| 84 | 0.0000000 | 0.0175439 | 100.0000000 | 0.4561404 | 0.0000000 | 0.0000000 | 53.35088 | 83.46093 | 0.5012887 | 0.5390652 | 0.0336301 | 2.744002 | 0.0001751 | 0.2006070 |
| 80 | 0.0416667 | 0.2708333 | 0.3125000 | 0.5625000 | 0.6666667 | 0.3541667 | 35.29167 | 81.79006 | 0.6769898 | -1.7900617 | 0.0613362 | 2.739460 | 0.0037316 | -0.6759109 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3859649 | 0.0350877 | 0.0175439 | 51.28070 | 83.61474 | 0.5213201 | 1.3852648 | 0.0363716 | 2.741536 | 0.0012574 | 0.5162434 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4871795 | 0.1025641 | 0.1025641 | 50.97436 | 83.13258 | 0.4991754 | -3.1325827 | 0.0333472 | 2.729604 | 0.0058585 | -1.1655845 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4102564 | 0.2564103 | 0.3589744 | 50.17949 | 83.24372 | 0.6100955 | -0.2437156 | 0.0498137 | 2.744349 | 0.0000548 | -0.0914651 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5333333 | 0.0333333 | 0.1333333 | 53.73333 | 83.14052 | 0.6243404 | -4.1405233 | 0.0521670 | 2.717950 | 0.0166535 | -1.5558431 |
| 82 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4324324 | 0.0000000 | 0.0540541 | 48.21622 | 83.34358 | 0.5112865 | -1.3435784 | 0.0349850 | 2.741713 | 0.0011345 | -0.5003483 |
| 80 | 0.0000000 | 0.0697674 | 0.9302326 | 0.4186047 | 0.1860465 | 0.0000000 | 38.86047 | 83.09595 | 0.5664491 | -3.0959547 | 0.0429413 | 2.729805 | 0.0075171 | -1.1577153 |
| 85 | 0.0000000 | 0.0750000 | 100.0000000 | 0.4250000 | 0.1000000 | 0.0250000 | 49.85000 | 83.33025 | 0.4824012 | 1.6697541 | 0.0311437 | 2.740243 | 0.0015475 | 0.6205822 |
| 82 | 0.0161290 | 0.1774194 | 0.7903226 | 0.4354839 | 0.1935484 | 0.1129032 | 42.54839 | 83.14464 | 0.3920802 | -1.1446415 | 0.0205732 | 2.742490 | 0.0004701 | -0.4231165 |
| 85 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4750000 | 0.0000000 | 0.0000000 | 52.90000 | 83.65744 | 0.5803819 | 1.3425563 | 0.0450797 | 2.741688 | 0.0014906 | 0.5026034 |
| 84 | 0.0000000 | 0.1621622 | 0.6756757 | 0.3783784 | 0.3243243 | 0.1891892 | 42.56757 | 83.26275 | 0.5285054 | 0.7372507 | 0.0373811 | 2.743617 | 0.0003668 | 0.2748935 |
| 86 | 0.0000000 | 0.0555556 | 100.0000000 | 0.5277778 | 0.2777778 | 0.6666667 | 44.08333 | 82.51230 | 0.5910427 | 3.4877000 | 0.0467510 | 2.725778 | 0.0104693 | 1.3068099 |
| 78 | 0.0000000 | 0.1282051 | 100.0000000 | 0.4615385 | 0.4615385 | 0.5128205 | 36.28205 | 82.24623 | 0.8943610 | -4.2462312 | 0.1070480 | 2.714851 | 0.0404942 | -1.6438647 |
| 81 | 0.0000000 | 0.6052632 | 0.7105263 | 0.4736842 | 0.5526316 | 0.4210526 | 39.81579 | 82.52399 | 0.5834477 | -1.5239916 | 0.0455572 | 2.740891 | 0.0019431 | -0.5706687 |
| 86 | 0.0000000 | 0.0476190 | 0.9523810 | 0.4285714 | 0.1269841 | 0.0952381 | 44.69841 | 83.36518 | 0.3943491 | 2.6348213 | 0.0208120 | 2.734087 | 0.0025209 | 0.9740799 |
| 87 | 0.0000000 | 0.0000000 | 0.9444444 | 0.3888889 | 0.1388889 | 0.0000000 | 50.02778 | 83.72779 | 0.4826944 | 3.2722122 | 0.0311815 | 2.728285 | 0.0059506 | 1.2161769 |
| 86 | 0.0000000 | 0.0000000 | 0.9473684 | 0.4473684 | 0.0526316 | 0.1578947 | 49.52632 | 83.57398 | 0.4417263 | 2.4260156 | 0.0261132 | 2.735618 | 0.0027108 | 0.8993232 |
| 83 | 0.0000000 | 0.0263158 | 0.9736842 | 0.3684211 | 0.0000000 | 0.0000000 | 57.63158 | 84.27270 | 0.7484894 | -1.2727010 | 0.0749764 | 2.741887 | 0.0023743 | -0.4840904 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4358974 | 0.0769231 | 0.0000000 | 53.15385 | 83.44984 | 0.5090008 | 1.5501564 | 0.0346729 | 2.740810 | 0.0014957 | 0.5771846 |
| 81 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4000000 | 0.0666667 | 0.0666667 | 56.13333 | 84.01677 | 0.6783639 | -3.0167653 | 0.0615855 | 2.730269 | 0.0106472 | -1.1392542 |
| 84 | 0.0000000 | 0.0810811 | 0.8918919 | 0.5135135 | 0.1351351 | 0.4324324 | 40.02703 | 82.83686 | 0.4320375 | 1.1631351 | 0.0249802 | 2.742417 | 0.0005947 | 0.4309233 |
| 81 | 0.0500000 | 0.0250000 | 100.0000000 | 0.4750000 | 0.1000000 | 0.2000000 | 41.67500 | 82.70514 | 0.6880141 | -1.7051398 | 0.0633502 | 2.739912 | 0.0035122 | -0.6445370 |
| 79 | 0.1724138 | 0.8275862 | 0.0000000 | 0.5862069 | 0.2758621 | 0.5862069 | 36.82759 | 81.92918 | 0.9594973 | -2.9291774 | 0.1232084 | 2.730140 | 0.0230039 | -1.1443898 |
| 79 | 0.0000000 | 0.2162162 | 0.7297297 | 0.5405405 | 0.2972973 | 0.4324324 | 36.10811 | 82.39072 | 0.4545993 | -3.3907166 | 0.0276573 | 2.727152 | 0.0056262 | -1.2579353 |
| 89 | 0.0270270 | 0.0000000 | 100.0000000 | 0.4594595 | 0.0270270 | 0.1621622 | 49.24324 | 83.20184 | 0.4918594 | 5.7981593 | 0.0323769 | 2.693326 | 0.0194476 | 2.1563214 |
| 83 | 0.0000000 | 0.3333333 | 0.6944444 | 0.3888889 | 0.3055556 | 0.4166667 | 47.47222 | 83.44743 | 0.5031222 | -0.4474264 | 0.0338766 | 2.744138 | 0.0001215 | -0.1665259 |
| 85 | 0.0256410 | 0.1538462 | 0.4102564 | 0.4615385 | 0.4615385 | 0.5128205 | 41.10256 | 82.68706 | 0.4590481 | 2.3129434 | 0.0282013 | 2.736405 | 0.0026725 | 0.8583281 |
| 80 | 0.0000000 | 0.0000000 | 0.9487179 | 0.5128205 | 0.2564103 | 0.3076923 | 44.87179 | 82.90730 | 0.3253814 | -2.9073032 | 0.0141690 | 2.731915 | 0.0020615 | -1.0711877 |
| 83 | 0.0000000 | 0.0000000 | 0.9117647 | 0.4705882 | 0.0588235 | 0.0294118 | 50.23529 | 83.50173 | 0.4607955 | -0.5017342 | 0.0284164 | 2.744063 | 0.0001268 | -0.1862130 |
| 86 | 0.0000000 | 0.0263158 | 0.9210526 | 0.6052632 | 0.0526316 | 0.3947368 | 41.84211 | 82.63948 | 0.5991872 | 3.3605169 | 0.0480483 | 2.727095 | 0.0100167 | 1.2600132 |
| 82 | 0.0000000 | 0.0000000 | 0.9714286 | 0.5428571 | 0.0857143 | 0.1428571 | 46.57143 | 83.03906 | 0.4490290 | -1.0390625 | 0.0269837 | 2.742823 | 0.0005148 | -0.3853524 |
| 81 | 0.0000000 | 0.0000000 | 0.9090909 | 0.4848485 | 0.1515152 | 0.2727273 | 43.00000 | 83.05248 | 0.3345012 | -2.0524751 | 0.0149744 | 2.738200 | 0.0010876 | -0.7565378 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4705882 | 0.1470588 | 0.1176471 | 41.00000 | 82.73730 | 0.6450153 | -1.7373029 | 0.0556792 | 2.739778 | 0.0031526 | -0.6540218 |
| 79 | 0.5526316 | 100.0000000 | 0.0000000 | 0.5789474 | 0.6842105 | 0.6578947 | 38.63158 | 78.88588 | 2.4357162 | 0.1141162 | 0.7939741 | 2.744348 | 0.0040749 | 0.0919736 |

## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced  
  
## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced



Gender as a confounder:

##   
## Call:  
## lm(formula = dbp ~ fuel\_used\_for\_cooking\_percent\_wood\_dung +   
## percent\_public\_source + percent\_private\_toilet + percent\_employed +   
## percent\_without\_hs\_education + percent\_caste + percent\_female,   
## data = total)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -6.1550 -1.8908 0.1156 1.6054 7.1658   
##   
## Coefficients:  
## Estimate Std. Error t value  
## (Intercept) 85.666227 1.664473 51.467  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.594449 5.434505 -0.293  
## percent\_public\_source -0.019813 0.024083 -0.823  
## percent\_private\_toilet -0.001528 0.006177 -0.247  
## percent\_employed -4.948370 3.316787 -1.492  
## percent\_without\_hs\_education -1.642089 1.591174 -1.032  
## percent\_caste 0.026604 0.027807 0.957  
## percent\_female 0.131890 0.462620 0.285  
## Pr(>|t|)   
## (Intercept) <2e-16 \*\*\*  
## fuel\_used\_for\_cooking\_percent\_wood\_dung 0.770   
## percent\_public\_source 0.412   
## percent\_private\_toilet 0.805   
## percent\_employed 0.138   
## percent\_without\_hs\_education 0.304   
## percent\_caste 0.341   
## percent\_female 0.776   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 2.738 on 126 degrees of freedom  
## Multiple R-squared: 0.06801, Adjusted R-squared: 0.01624   
## F-statistic: 1.314 on 7 and 126 DF, p-value: 0.2492

## Estimate Std. Error t value  
## (Intercept) 85.66622680 1.664473214 51.4674710  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.59444923 5.434504987 -0.2933936  
## percent\_public\_source -0.01981342 0.024083407 -0.8226998  
## percent\_private\_toilet -0.00152769 0.006176829 -0.2473259  
## percent\_employed -4.94836980 3.316786564 -1.4919169  
## percent\_without\_hs\_education -1.64208902 1.591173802 -1.0319985  
## percent\_caste 0.02660425 0.027806969 0.9567476  
## percent\_female 0.13189043 0.462620326 0.2850943  
## Pr(>|t|)  
## (Intercept) 1.817939e-86  
## fuel\_used\_for\_cooking\_percent\_wood\_dung 7.697040e-01  
## percent\_public\_source 4.122330e-01  
## percent\_private\_toilet 8.050586e-01  
## percent\_employed 1.382205e-01  
## percent\_without\_hs\_education 3.040496e-01  
## percent\_caste 3.405268e-01  
## percent\_female 7.760400e-01

## (Intercept)   
## 85.66622680   
## fuel\_used\_for\_cooking\_percent\_wood\_dung   
## -1.59444923   
## percent\_public\_source   
## -0.01981342   
## percent\_private\_toilet   
## -0.00152769   
## percent\_employed   
## -4.94836980   
## percent\_without\_hs\_education   
## -1.64208902   
## percent\_caste   
## 0.02660425   
## percent\_female   
## 0.13189043

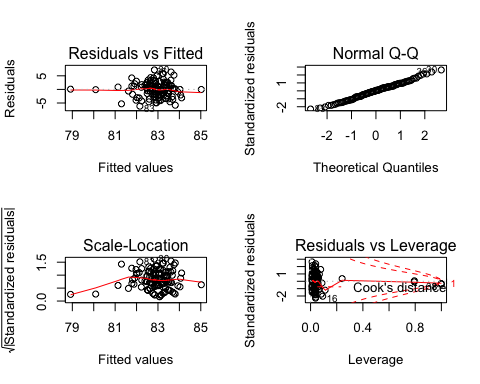
## 1 2 3 4 5 6 7 8   
## 82.90140 82.84971 83.03325 82.72145 83.38339 82.75759 81.99302 85.02442   
## 9 10 11 12 13 14 15 16   
## 82.90408 83.07409 81.91261 83.11979 82.89047 83.04026 83.25275 81.29552   
## 17 18 19 20 21 22 23 24   
## 83.18075 82.22414 82.81756 83.20355 81.77496 82.79320 82.65717 82.95484   
## 25 26 27 28 29 30 31 32   
## 83.30193 82.39110 83.50825 83.21625 82.48615 82.83422 82.99460 83.68514   
## 33 34 35 36 37 38 39 40   
## 82.61954 83.08026 82.79947 83.61438 84.05938 84.02877 83.50036 82.02347   
## 41 42 43 44 45 46 47 48   
## 84.10444 83.57112 83.40425 82.77877 83.47966 82.89652 82.89921 83.24777   
## 49 50 51 52 53 54 55 56   
## 83.38520 83.57939 83.23480 82.88585 83.56030 83.38748 82.64347 83.07159   
## 57 58 59 60 61 62 63 64   
## 83.05163 82.90875 82.99690 82.85105 81.13438 82.87580 83.69106 83.47869   
## 65 66 67 68 69 70 71 72   
## 83.00789 82.64541 82.50764 82.75232 82.46330 81.78098 82.89957 83.13233   
## 73 74 75 76 77 78 79 80   
## 83.80873 81.62127 82.84163 83.28143 82.23705 82.24280 83.19153 82.68639   
## 81 82 83 84 85 86 87 88   
## 83.80394 83.74575 82.15505 80.09035 82.79771 82.60570 81.87764 82.60998   
## 89 90 91 92 93 94 95 96   
## 82.49727 82.54610 83.75706 83.30826 82.85100 82.51089 83.07790 82.93319   
## 97 98 99 100 101 102 103 104   
## 83.50021 83.35403 81.97751 83.34491 81.81311 83.63536 83.02644 83.15827   
## 105 106 107 108 109 110 111 112   
## 82.91107 83.46456 83.37579 83.33618 83.25583 83.40519 83.35159 82.54348   
## 113 114 115 116 117 118 119 120   
## 82.57223 82.49770 83.42597 83.60347 83.45674 83.92906 83.31958 83.66955   
## 121 122 123 124 125 126 127 128   
## 83.00130 83.01180 82.12264 82.59568 83.24622 83.32814 82.67997 82.80070   
## 129 130 131 132 133 134   
## 83.32479 82.67810 82.92777 83.11022 83.03777 78.91765

## # A tibble: 1 x 11  
## r.squared adj.r.squared sigma statistic p.value df logLik AIC BIC  
## <dbl> <dbl> <dbl> <dbl> <dbl> <int> <dbl> <dbl> <dbl>  
## 1 0.0680 0.0162 2.74 1.31 0.249 8 -321. 660. 686.  
## # … with 2 more variables: deviance <dbl>, df.residual <int>

|  |  |  |
| --- | --- | --- |
| term | estimate | p.value |
| (Intercept) | 85.666 | 0.000 |
| fuel\_used\_for\_cooking\_percent\_wood\_dung | -1.594 | 0.770 |
| percent\_public\_source | -0.020 | 0.412 |
| percent\_private\_toilet | -0.002 | 0.805 |
| percent\_employed | -4.948 | 0.138 |
| percent\_without\_hs\_education | -1.642 | 0.304 |
| percent\_caste | 0.027 | 0.341 |
| percent\_female | 0.132 | 0.776 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| dbp | fuel\_used\_for\_cooking\_percent\_wood\_dung | percent\_public\_source | percent\_private\_toilet | percent\_employed | percent\_without\_hs\_education | percent\_caste | percent\_female | .fitted | .se.fit | .resid | .hat | .sigma | .cooksd | .std.resid |
| 85 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5405405 | 0.0270270 | 0.5675676 | 0.7017544 | 82.90140 | 0.5438218 | 2.0985985 | 0.0394599 | 2.741903 | 0.0031415 | 0.7821551 |
| 82 | 0.0000000 | 0.0789474 | 0.7368421 | 0.5789474 | 0.0263158 | 0.2368421 | 0.6666667 | 82.84971 | 0.5681741 | -0.8497063 | 0.0430730 | 2.747486 | 0.0005664 | -0.3172859 |
| 84 | 0.0277778 | 0.0555556 | 0.4722222 | 0.4444444 | 0.3055556 | 0.7500000 | 0.7142857 | 83.03325 | 0.3595532 | 0.9667499 | 0.0172492 | 2.747200 | 0.0002784 | 0.3562162 |
| 84 | 0.0000000 | 0.1538462 | 0.7692308 | 0.6153846 | 0.0000000 | 0.4615385 | 0.7000000 | 82.72146 | 0.6760389 | 1.2785450 | 0.0609798 | 2.746049 | 0.0018855 | 0.4819476 |
| 86 | 0.0277778 | 0.1944444 | 0.8333333 | 0.3888889 | 0.2500000 | 0.3888889 | 0.6909091 | 83.38339 | 0.4694195 | 2.6166070 | 0.0294012 | 2.738299 | 0.0035638 | 0.9701522 |
| 83 | 0.0000000 | 0.3076923 | 0.7435897 | 0.5128205 | 0.2820513 | 0.4871795 | 0.6551724 | 82.75759 | 0.2987136 | 0.2424124 | 0.0119056 | 2.748497 | 0.0000120 | 0.0890793 |
| 85 | 0.0000000 | 0.1351351 | 0.5405405 | 0.6486486 | 0.3513514 | 0.9189189 | 0.7017544 | 81.99302 | 0.5835873 | 3.0069782 | 0.0454417 | 2.734764 | 0.0075208 | 1.1242174 |
| 85 | 0.0526316 | 0.3947368 | 0.9473684 | 0.5789474 | 0.2631579 | 100.0000000 | 0.6666667 | 85.02442 | 2.7369655 | -0.0244176 | 0.9994962 | 2.746861 | 39.1627403 | -0.3973813 |
| 81 | 0.0000000 | 0.2777778 | 0.3611111 | 0.4166667 | 0.4722222 | 0.0000000 | 0.6153846 | 82.90408 | 0.5614453 | -1.9040831 | 0.0420588 | 2.743071 | 0.0027714 | -0.7106205 |
| 83 | 0.0000000 | 0.1500000 | 0.8500000 | 0.4250000 | 0.3500000 | 0.0750000 | 0.6666667 | 83.07409 | 0.4214969 | -0.0740902 | 0.0237045 | 2.748576 | 0.0000023 | -0.0273900 |
| 84 | 0.0000000 | 0.1071429 | 0.9285714 | 0.6666667 | 0.3392857 | 0.6785714 | 0.6666667 | 81.91261 | 0.6331731 | 2.0873853 | 0.0534918 | 2.741876 | 0.0043391 | 0.7837214 |
| 79 | 0.0000000 | 0.0344828 | 0.9137931 | 0.4655172 | 0.2068966 | 0.4137931 | 0.6666667 | 83.11979 | 0.3032283 | -4.1197892 | 0.0122682 | 2.723462 | 0.0035596 | -1.5141773 |
| 85 | 0.0000000 | 0.3818182 | 0.8000000 | 0.4909091 | 0.2727273 | 0.8727273 | 0.6585366 | 82.89047 | 0.2911855 | 2.1095297 | 0.0113131 | 2.742026 | 0.0008590 | 0.7749568 |
| 84 | 0.0000000 | 0.1636364 | 0.8909091 | 0.4909091 | 0.1818182 | 0.6545455 | 0.6746988 | 83.04026 | 0.3019501 | 0.9597378 | 0.0121650 | 2.747227 | 0.0001915 | 0.3527213 |
| 87 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4545455 | 0.0606061 | 0.2121212 | 0.6250000 | 83.25275 | 0.4640330 | 3.7472469 | 0.0287303 | 2.727463 | 0.0071324 | 1.3888765 |
| 76 | 0.0263158 | 0.8684211 | 0.1315789 | 0.7368421 | 0.4736842 | 0.8157895 | 0.6896552 | 81.29552 | 0.8340745 | -5.2955237 | 0.0928223 | 2.703224 | 0.0527519 | -2.0308787 |
| 82 | 0.0000000 | 0.2702703 | 0.7837838 | 0.4594595 | 0.1891892 | 0.5945946 | 0.6785714 | 83.18075 | 0.3133986 | -1.1807495 | 0.0131050 | 2.746527 | 0.0003129 | -0.4341537 |
| 83 | 0.1025641 | 0.0256410 | 0.9487179 | 0.5897436 | 0.2820513 | 0.6923077 | 0.6551724 | 82.22414 | 0.6048269 | 0.7758572 | 0.0488095 | 2.747663 | 0.0005416 | 0.2905824 |
| 82 | 0.0000000 | 0.2105263 | 0.9473684 | 0.4210526 | 0.5263158 | 0.6315789 | 0.6666667 | 82.81756 | 0.6209239 | -0.8175564 | 0.0514422 | 2.747558 | 0.0006374 | -0.3066247 |
| 82 | 0.0000000 | 0.0263158 | 0.8947368 | 0.4473684 | 0.2105263 | 0.2894737 | 0.6896552 | 83.20355 | 0.3232185 | -1.2035513 | 0.0139391 | 2.746445 | 0.0003463 | -0.4427250 |
| 86 | 0.0540541 | 0.7837838 | 0.5675676 | 0.5405405 | 0.7297297 | 0.1621622 | 0.6071429 | 81.77496 | 0.7592845 | 4.2250413 | 0.0769222 | 2.720295 | 0.0268775 | 1.6063237 |
| 87 | 0.0000000 | 0.1500000 | 0.9000000 | 0.5500000 | 0.1500000 | 0.4250000 | 0.6666667 | 82.79320 | 0.3888056 | 4.2068031 | 0.0201701 | 2.722172 | 0.0062010 | 1.5523802 |
| 87 | 0.0000000 | 0.6923077 | 0.6666667 | 0.4871795 | 0.4102564 | 0.0256410 | 0.6779661 | 82.65717 | 0.3942704 | 4.3428310 | 0.0207411 | 2.720411 | 0.0068035 | 1.6030439 |
| 88 | 0.0000000 | 0.8461538 | 0.6923077 | 0.4615385 | 0.3076923 | 0.2307692 | 0.6779661 | 82.95484 | 0.3289815 | 5.0451605 | 0.0144406 | 2.710738 | 0.0063114 | 1.8563285 |
| 86 | 0.0000000 | 0.5365854 | 0.6585366 | 0.3902439 | 0.3170732 | 0.3658537 | 0.6774194 | 83.30193 | 0.4780633 | 2.6980659 | 0.0304939 | 2.737635 | 0.0039389 | 1.0009181 |
| 84 | 0.0769231 | 0.3333333 | 0.7179487 | 0.5384615 | 0.3589744 | 0.7435897 | 0.6779661 | 82.39110 | 0.4440840 | 1.6088992 | 0.0263131 | 2.744712 | 0.0011982 | 0.5955805 |
| 85 | 0.0000000 | 0.4102564 | 0.7179487 | 0.4102564 | 0.1282051 | 0.2051282 | 0.6551724 | 83.50825 | 0.4153370 | 1.4917550 | 0.0230167 | 2.745267 | 0.0008950 | 0.5512838 |
| 89 | 0.0000000 | 0.1538462 | 0.7948718 | 0.4615385 | 0.1538462 | 0.0512821 | 0.6779661 | 83.21625 | 0.3283761 | 5.7837462 | 0.0143875 | 2.698739 | 0.0082631 | 2.1280282 |
| 85 | 0.0000000 | 0.9250000 | 0.8250000 | 0.4500000 | 0.6250000 | 0.1750000 | 0.6666667 | 82.48615 | 0.7100497 | 2.5138503 | 0.0672698 | 2.738706 | 0.0081497 | 0.9507857 |
| 90 | 0.0000000 | 0.2307692 | 0.8974359 | 0.5128205 | 0.2307692 | 0.1538462 | 0.6551724 | 82.83422 | 0.2973961 | 7.1657817 | 0.0118008 | 2.671895 | 0.0103491 | 2.6330712 |
| 84 | 0.0000000 | 0.1750000 | 0.7750000 | 0.5000000 | 0.1750000 | 0.2500000 | 0.6666667 | 82.99460 | 0.3102157 | 1.0053970 | 0.0128402 | 2.747093 | 0.0002221 | 0.3696282 |
| 84 | 0.0000000 | 0.1025641 | 0.7948718 | 0.3589744 | 0.1794872 | 0.2564103 | 0.6551724 | 83.68514 | 0.5225301 | 0.3148589 | 0.0364305 | 2.748434 | 0.0000649 | 0.1171644 |
| 82 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5945946 | 0.0270270 | 0.0270270 | 0.7017544 | 82.61954 | 0.6549169 | -0.6195413 | 0.0572288 | 2.747991 | 0.0004122 | -0.2330711 |
| 83 | 0.0263158 | 0.4736842 | 0.9210526 | 0.4473684 | 0.2631579 | 0.8157895 | 0.6896552 | 83.08026 | 0.3366901 | -0.0802645 | 0.0151253 | 2.748574 | 0.0000017 | -0.0295430 |
| 86 | 0.0256410 | 0.2307692 | 0.9743590 | 0.5384615 | 0.1538462 | 0.4102564 | 0.6551724 | 82.79947 | 0.3763591 | 3.2005277 | 0.0188994 | 2.733347 | 0.0033544 | 1.1802828 |
| 90 | 0.0000000 | 0.0188679 | 100.0000000 | 0.3773585 | 0.0754717 | 0.1320755 | 0.6750000 | 83.61438 | 0.5397662 | 6.3856168 | 0.0388735 | 2.686133 | 0.0286188 | 2.3792158 |
| 82 | 0.0000000 | 0.0526316 | 0.9473684 | 0.3157895 | 0.0789474 | 0.0000000 | 0.6666667 | 84.05938 | 0.6590849 | -2.0593820 | 0.0579596 | 2.742024 | 0.0046197 | -0.7750387 |
| 84 | 0.0000000 | 0.0000000 | 0.9750000 | 0.5000000 | 0.0250000 | 0.0000000 | 6.6666667 | 84.02877 | 2.7359864 | -0.0287697 | 0.9987813 | 2.747595 | 9.2829887 | -0.3010269 |
| 83 | 0.0000000 | 0.0769231 | 0.8846154 | 0.4230769 | 0.0961538 | 0.0192308 | 0.6666667 | 83.50036 | 0.4117998 | -0.5003556 | 0.0226264 | 2.748211 | 0.0000989 | -0.1848714 |
| 79 | 0.0000000 | 0.8285714 | 0.0285714 | 0.6000000 | 0.4571429 | 0.4000000 | 0.6274510 | 82.02347 | 0.5244276 | -3.0234717 | 0.0366956 | 2.734739 | 0.0060291 | -1.1252406 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3030303 | 0.0000000 | 0.0303030 | 0.6800000 | 84.10444 | 0.6880087 | -3.1044435 | 0.0631583 | 2.733572 | 0.0115669 | -1.1715799 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4000000 | 0.0333333 | 0.0000000 | 0.6956522 | 83.57112 | 0.5021975 | 0.4288765 | 0.0336505 | 2.748307 | 0.0001105 | 0.1593626 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4444444 | 0.0000000 | 0.0000000 | 0.6829268 | 83.40425 | 0.4747340 | -2.4042539 | 0.0300707 | 2.739897 | 0.0030816 | -0.8917262 |
| 83 | 0.0000000 | 0.0263158 | 100.0000000 | 0.5526316 | 0.0526316 | 0.0789474 | 0.6428571 | 82.77877 | 0.5593941 | 0.2212277 | 0.0417521 | 2.748510 | 0.0000371 | 0.0825509 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3947368 | 0.1052632 | 0.0526316 | 0.6896552 | 83.47966 | 0.5205836 | -3.4796616 | 0.0361596 | 2.730241 | 0.0078603 | -1.2946599 |
| 80 | 0.0000000 | 0.0000000 | 0.9666667 | 0.5666667 | 0.0333333 | 0.1000000 | 0.6666667 | 82.89652 | 0.5352831 | -2.8965249 | 0.0382305 | 2.735860 | 0.0057833 | -1.0788548 |
| 84 | 0.0400000 | 0.0000000 | 100.0000000 | 0.5000000 | 0.1000000 | 0.0000000 | 0.6666667 | 82.89921 | 0.5081908 | 1.1007870 | 0.0344585 | 2.746757 | 0.0007470 | 0.4092032 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4761905 | 0.0000000 | 0.0000000 | 0.6875000 | 83.24777 | 0.4797419 | 0.7522341 | 0.0307084 | 2.747734 | 0.0003085 | 0.2790918 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4473684 | 0.0000000 | 0.0263158 | 0.6428571 | 83.38520 | 0.4748616 | -2.3852003 | 0.0300868 | 2.740034 | 0.0030347 | -0.8846667 |
| 85 | 0.0000000 | 0.0000000 | 0.9855072 | 0.4347826 | 0.0144928 | 0.0434783 | 0.6730769 | 83.57939 | 0.4727679 | 1.4206132 | 0.0298221 | 2.745555 | 0.0010664 | 0.5268311 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4615385 | 0.0512821 | 0.0000000 | 0.6779661 | 83.23480 | 0.4637601 | -0.2348024 | 0.0286965 | 2.748501 | 0.0000280 | -0.0870255 |
| 86 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5483871 | 0.0000000 | 0.0000000 | 0.6521739 | 82.88585 | 0.5695638 | 3.1141488 | 0.0432840 | 2.733792 | 0.0076488 | 1.1629716 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4117647 | 0.0000000 | 0.0000000 | 0.6400000 | 83.56030 | 0.4940673 | -4.5603037 | 0.0325698 | 2.717120 | 0.0120702 | -1.6935780 |
| 86 | 0.0000000 | 0.1304348 | 0.8695652 | 0.4347826 | 0.1304348 | 0.1086957 | 0.6666667 | 83.38748 | 0.3720169 | 2.6125179 | 0.0184658 | 2.738446 | 0.0021819 | 0.9632252 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5641026 | 0.1025641 | 0.1282051 | 0.6551724 | 82.64347 | 0.5744327 | 1.3565279 | 0.0440272 | 2.745781 | 0.0014786 | 0.5067890 |
| 80 | 0.0000000 | 0.1315789 | 0.9736842 | 0.4736842 | 0.2105263 | 0.4210526 | 0.6666667 | 83.07159 | 0.2962252 | -3.0715934 | 0.0117081 | 2.734656 | 0.0018862 | -1.1286060 |
| 79 | 0.0000000 | 0.0500000 | 0.9500000 | 0.5250000 | 0.0750000 | 0.5750000 | 0.7096774 | 83.05163 | 0.4166543 | -4.0516311 | 0.0231630 | 2.724018 | 0.0066460 | -1.4974078 |
| 81 | 0.0000000 | 0.0243902 | 0.8536585 | 0.5121951 | 0.1951220 | 0.2682927 | 0.6984127 | 82.90875 | 0.3057129 | -1.9087526 | 0.0124701 | 2.743210 | 0.0007770 | -0.7016100 |
| 81 | 0.0000000 | 0.4594595 | 0.4324324 | 0.4054054 | 0.4594595 | 0.4324324 | 0.6785714 | 82.99690 | 0.5702400 | -1.9968951 | 0.0433868 | 2.742511 | 0.0031532 | -0.7457759 |
| 83 | 0.0000000 | 0.0512821 | 0.8717949 | 0.5128205 | 0.2307692 | 0.5384615 | 0.6779661 | 82.85105 | 0.2951101 | 0.1489477 | 0.0116201 | 2.748551 | 0.0000044 | 0.0547259 |
| 82 | 0.2549020 | 0.3421053 | 0.7894737 | 0.6052632 | 0.7368421 | 0.1052632 | 0.6428571 | 81.13438 | 1.3448798 | 0.8656249 | 0.2413290 | 2.747146 | 0.0052398 | 0.3630147 |
| 85 | 0.0000000 | 0.1538462 | 0.8974359 | 0.5128205 | 0.2051282 | 0.0769231 | 0.6551724 | 82.87580 | 0.3049634 | 2.1241993 | 0.0124090 | 2.741927 | 0.0009575 | 0.7807787 |
| 80 | 0.0000000 | 0.0000000 | 0.8333333 | 0.4166667 | 0.0000000 | 0.0000000 | 0.6666667 | 83.69106 | 0.5074860 | -3.6910599 | 0.0343630 | 2.727974 | 0.0083737 | -1.3720357 |
| 83 | 0.0000000 | 0.0000000 | 0.9729730 | 0.4054054 | 0.1621622 | 0.0000000 | 0.6545455 | 83.47869 | 0.4110144 | -0.4786881 | 0.0225401 | 2.748243 | 0.0000902 | -0.1768579 |
| 84 | 0.0000000 | 0.2666667 | 0.8000000 | 0.4666667 | 0.2666667 | 0.1333333 | 0.6956522 | 83.00789 | 0.3045091 | 0.9921115 | 0.0123721 | 2.747133 | 0.0002082 | 0.3646574 |
| 82 | 0.0256410 | 0.0512821 | 0.8974359 | 0.4871795 | 0.4102564 | 0.7692308 | 0.6551724 | 82.64541 | 0.3757804 | -0.6454104 | 0.0188413 | 2.747966 | 0.0001360 | -0.2380058 |
| 83 | 0.0500000 | 0.2500000 | 0.7000000 | 0.5000000 | 0.4250000 | 0.4250000 | 0.6666667 | 82.50764 | 0.4061611 | 0.4923574 | 0.0220110 | 2.748223 | 0.0000930 | 0.1818590 |
| 84 | 0.0000000 | 0.2500000 | 0.6500000 | 0.5000000 | 0.3250000 | 0.4500000 | 0.6666667 | 82.75232 | 0.3143161 | 1.2476845 | 0.0131818 | 2.746287 | 0.0003515 | 0.4587832 |
| 84 | 0.0000000 | 0.1351351 | 0.8918919 | 0.5675676 | 0.2972973 | 0.4324324 | 0.6545455 | 82.46330 | 0.3775771 | 1.5367032 | 0.0190219 | 2.745078 | 0.0007785 | 0.5667371 |
| 83 | 0.0000000 | 0.2500000 | 0.8888889 | 0.6666667 | 0.4166667 | 0.6111111 | 0.6666667 | 81.78098 | 0.6524084 | 1.2190163 | 0.0567913 | 2.746290 | 0.0015821 | 0.4584868 |
| 78 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5454545 | 0.0000000 | 0.0000000 | 0.6461538 | 82.89957 | 0.5643972 | -4.8995685 | 0.0425023 | 2.711852 | 0.0185612 | -1.8289853 |
| 83 | 0.0000000 | 0.0000000 | 0.9607843 | 0.5294118 | 0.0000000 | 0.0196078 | 0.6578947 | 83.13233 | 0.5162744 | -0.1323255 | 0.0355634 | 2.748557 | 0.0000112 | -0.0492185 |
| 78 | 0.0000000 | 0.0000000 | 0.9285714 | 0.3928571 | 0.0000000 | 0.0000000 | 0.6666667 | 83.80873 | 0.5395048 | -5.8087328 | 0.0388359 | 2.697013 | 0.0236567 | -2.1642323 |
| 81 | 0.0975610 | 0.3414634 | 0.2439024 | 0.5609756 | 0.7317073 | 0.2195122 | 0.6774194 | 81.62127 | 0.8066595 | -0.6212744 | 0.0868206 | 2.747969 | 0.0006702 | -0.2374798 |
| 83 | 0.0000000 | 0.0000000 | 0.9333333 | 0.5833333 | 0.0166667 | 0.0333333 | 0.6813187 | 82.84163 | 0.5872198 | 0.1583700 | 0.0460091 | 2.748546 | 0.0000211 | 0.0592273 |
| 82 | 0.0000000 | 0.0750000 | 0.9000000 | 0.4250000 | 0.2250000 | 0.1000000 | 0.6666667 | 83.28143 | 0.3629449 | -1.2814261 | 0.0175762 | 2.746151 | 0.0004987 | -0.4722428 |
| 78 | 0.0000000 | 0.5263158 | 0.5789474 | 0.5526316 | 0.4736842 | 0.3684211 | 0.6428571 | 82.23705 | 0.4755659 | -4.2370455 | 0.0301762 | 2.721512 | 0.0096063 | -1.5715853 |
| 84 | 0.0000000 | 0.6000000 | 0.3500000 | 0.5500000 | 0.4750000 | 0.1000000 | 0.6666667 | 82.24280 | 0.4753104 | 1.7572042 | 0.0301437 | 2.743947 | 0.0016504 | 0.6517632 |
| 82 | 0.0000000 | 0.0263158 | 0.9736842 | 0.5000000 | 0.0526316 | 0.0000000 | 0.6666667 | 83.19153 | 0.4219923 | -1.1915342 | 0.0237603 | 2.746467 | 0.0005903 | -0.4405037 |
| 84 | 0.0256410 | 0.0000000 | 100.0000000 | 0.5641026 | 0.0512821 | 0.0000000 | 0.6779661 | 82.68639 | 0.5843648 | 1.3136060 | 0.0455628 | 2.745952 | 0.0014395 | 0.4911484 |
| 84 | 0.0000000 | 0.0303030 | 100.0000000 | 0.3636364 | 0.0000000 | 0.0303030 | 0.6800000 | 83.80394 | 0.5596649 | 0.1960581 | 0.0417925 | 2.748526 | 0.0000292 | 0.0731604 |
| 89 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3750000 | 0.0000000 | 0.0000000 | 0.6666667 | 83.74575 | 0.5405451 | 5.2542539 | 0.0389858 | 2.706455 | 0.0194366 | 1.9577959 |
| 76 | 0.0000000 | 0.9750000 | 0.0000000 | 0.5500000 | 0.5250000 | 0.3750000 | 0.6206897 | 82.15505 | 0.5317086 | -6.1550482 | 0.0377216 | 2.690679 | 0.0257397 | -2.2919353 |
| 80 | 0.0000000 | 100.0000000 | 0.0000000 | 0.5405405 | 0.6216216 | 0.6756757 | 0.6296296 | 80.09035 | 2.4381687 | -0.0903507 | 0.7931769 | 2.748527 | 0.0025246 | -0.0725694 |
| 81 | 0.0000000 | 0.2931034 | 0.6896552 | 0.5344828 | 0.1896552 | 0.3275862 | 0.6511628 | 82.79771 | 0.3384892 | -1.7977142 | 0.0152873 | 2.743804 | 0.0008498 | -0.6617396 |
| 84 | 0.0000000 | 0.0000000 | 0.9148936 | 0.5744681 | 0.1914894 | 0.4255319 | 0.6571429 | 82.60570 | 0.4136762 | 1.3943022 | 0.0228330 | 2.745687 | 0.0007753 | 0.5152213 |
| 83 | 0.0000000 | 0.1666667 | 0.8333333 | 0.6666667 | 0.3611111 | 0.7500000 | 0.6666667 | 81.87764 | 0.6360237 | 1.1223582 | 0.0539746 | 2.746646 | 0.0012671 | 0.4215036 |
| 85 | 0.0000000 | 0.0000000 | 0.7068966 | 0.5517241 | 0.2586207 | 0.5172414 | 0.6511628 | 82.60998 | 0.3455418 | 2.3900234 | 0.0159310 | 2.740123 | 0.0015673 | 0.8800567 |
| 85 | 0.0000000 | 0.0869565 | 0.7391304 | 0.5652174 | 0.2826087 | 0.2608696 | 0.6666667 | 82.49727 | 0.3715576 | 2.5027314 | 0.0184202 | 2.739282 | 0.0019972 | 0.9227259 |
| 83 | 0.0000000 | 0.0000000 | 0.9743590 | 0.5384615 | 0.3333333 | 0.2564103 | 0.6551724 | 82.54610 | 0.3426988 | 0.4538990 | 0.0156700 | 2.748279 | 0.0000556 | 0.1671129 |
| 84 | 0.0175439 | 0.0000000 | 0.9824561 | 0.3859649 | 0.0350877 | 0.0350877 | 0.6588235 | 83.75706 | 0.5418693 | 0.2429351 | 0.0391770 | 2.748495 | 0.0000418 | 0.0905295 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4531250 | 0.0312500 | 0.0156250 | 0.6666667 | 83.30826 | 0.4662123 | -0.3082551 | 0.0290008 | 2.748442 | 0.0000487 | -0.1142673 |
| 81 | 0.0169492 | 0.1355932 | 0.7796610 | 0.4915254 | 0.2711864 | 0.2372881 | 0.6590909 | 82.85100 | 0.2844960 | -1.8510034 | 0.0107993 | 2.743539 | 0.0006307 | -0.6798080 |
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| 86 | 0.0000000 | 0.0800000 | 0.9800000 | 0.4800000 | 0.1800000 | 0.0000000 | 0.6486486 | 83.07790 | 0.3062358 | 2.9220984 | 0.0125128 | 2.735971 | 0.0018274 | 1.0741139 |
| 78 | 0.0000000 | 0.0526316 | 0.8684211 | 0.5526316 | 0.0526316 | 0.2105263 | 0.6428571 | 82.93319 | 0.4894636 | -4.9331938 | 0.0319656 | 2.711751 | 0.0138456 | -1.8314879 |
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| 80 | 0.0000000 | 0.0285714 | 0.9142857 | 0.4571429 | 0.0857143 | 0.1142857 | 0.6792453 | 83.35403 | 0.3833866 | -3.3540280 | 0.0196118 | 2.731834 | 0.0038283 | -1.2373395 |
| 78 | 0.0540541 | 0.1081081 | 0.1351351 | 0.5675676 | 0.5405405 | 0.2432432 | 0.6785714 | 81.97751 | 0.5352928 | -3.9775104 | 0.0382318 | 2.724540 | 0.0109059 | -1.4814854 |
| 84 | 0.0000000 | 0.0175439 | 100.0000000 | 0.4561404 | 0.0000000 | 0.0000000 | 0.6744186 | 83.34491 | 0.4739882 | 0.6550915 | 0.0299763 | 2.747940 | 0.0002280 | 0.2429585 |
| 80 | 0.0416667 | 0.2708333 | 0.3125000 | 0.5625000 | 0.6666667 | 0.3541667 | 0.6666667 | 81.81311 | 0.6797683 | -1.8131132 | 0.0616544 | 2.743481 | 0.0038392 | -0.6836987 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3859649 | 0.0350877 | 0.0175439 | 0.6744186 | 83.63536 | 0.5212987 | 1.3646403 | 0.0362590 | 2.745770 | 0.0012125 | 0.5077609 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4871795 | 0.1025641 | 0.1025641 | 0.6779661 | 83.02644 | 0.4737516 | -3.0264401 | 0.0299463 | 2.734808 | 0.0048615 | -1.1224202 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4102564 | 0.2564103 | 0.3589744 | 0.6551724 | 83.15827 | 0.5955214 | -0.1582702 | 0.0473192 | 2.748546 | 0.0000218 | -0.0592307 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5333333 | 0.0333333 | 0.1333333 | 0.6666667 | 82.91107 | 0.5306557 | -3.9110652 | 0.0375723 | 2.725356 | 0.0103484 | -1.4562377 |
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| 80 | 0.0000000 | 0.0697674 | 0.9302326 | 0.4186047 | 0.1860465 | 0.0000000 | 0.6769231 | 83.37579 | 0.3774653 | -3.3757875 | 0.0190106 | 2.731626 | 0.0037547 | -1.2449853 |
| 85 | 0.0000000 | 0.0750000 | 100.0000000 | 0.4250000 | 0.1000000 | 0.0250000 | 0.6885246 | 83.33618 | 0.4835074 | 1.6638193 | 0.0311924 | 2.744422 | 0.0015344 | 0.6174598 |
| 82 | 0.0161290 | 0.1774194 | 0.7903226 | 0.4354839 | 0.1935484 | 0.1129032 | 0.6808511 | 83.25583 | 0.3522751 | -1.2558298 | 0.0165579 | 2.746249 | 0.0004503 | -0.4625702 |
| 85 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4750000 | 0.0000000 | 0.0000000 | 0.6885246 | 83.40519 | 0.4747869 | 1.5948140 | 0.0300774 | 2.744765 | 0.0013562 | 0.5915109 |
| 84 | 0.0000000 | 0.1621622 | 0.6756757 | 0.3783784 | 0.3243243 | 0.1891892 | 0.6785714 | 83.35159 | 0.5134148 | 0.6484136 | 0.0351706 | 2.747950 | 0.0002649 | 0.2411283 |
| 86 | 0.0000000 | 0.0555556 | 100.0000000 | 0.5277778 | 0.2777778 | 0.6666667 | 0.6153846 | 82.54348 | 0.5906797 | 3.4565189 | 0.0465529 | 2.730287 | 0.0102043 | 1.2930398 |
| 78 | 0.0000000 | 0.1282051 | 100.0000000 | 0.4615385 | 0.4615385 | 0.5128205 | 0.6779661 | 82.57223 | 0.7831592 | -4.5722279 | 0.0818357 | 2.715247 | 0.0338462 | -1.7429660 |
| 81 | 0.0000000 | 0.6052632 | 0.7105263 | 0.4736842 | 0.5526316 | 0.4210526 | 0.6428571 | 82.49770 | 0.5828068 | -1.4977026 | 0.0453202 | 2.745163 | 0.0018603 | -0.5599097 |
| 86 | 0.0000000 | 0.0476190 | 0.9523810 | 0.4285714 | 0.1269841 | 0.0952381 | 0.6736842 | 83.42597 | 0.3824250 | 2.5740345 | 0.0195135 | 2.738732 | 0.0022430 | 0.9495434 |
| 87 | 0.0000000 | 0.0000000 | 0.9444444 | 0.3888889 | 0.1388889 | 0.0000000 | 0.6909091 | 83.60347 | 0.4533061 | 3.3965257 | 0.0274174 | 2.731267 | 0.0055769 | 1.2580355 |
| 86 | 0.0000000 | 0.0000000 | 0.9473684 | 0.4473684 | 0.0526316 | 0.1578947 | 0.6666667 | 83.45674 | 0.4229486 | 2.5432630 | 0.0238681 | 2.738924 | 0.0027023 | 0.9402823 |
| 83 | 0.0000000 | 0.0263158 | 0.9736842 | 0.3684211 | 0.0000000 | 0.0000000 | 0.6666667 | 83.92906 | 0.5819528 | -0.9290613 | 0.0451875 | 2.747268 | 0.0007135 | -0.3473014 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4358974 | 0.0769231 | 0.0000000 | 0.6779661 | 83.31958 | 0.4709356 | 1.6804212 | 0.0295914 | 2.744346 | 0.0014799 | 0.6231062 |
| 81 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4000000 | 0.0666667 | 0.0666667 | 0.6956522 | 83.66955 | 0.4696423 | -2.6695548 | 0.0294291 | 2.737877 | 0.0037132 | -0.9897978 |
| 84 | 0.0000000 | 0.0810811 | 0.8918919 | 0.5135135 | 0.1351351 | 0.4324324 | 0.6785714 | 83.00130 | 0.3472065 | 0.9986993 | 0.0160849 | 2.747108 | 0.0002764 | 0.3677707 |
| 81 | 0.0500000 | 0.0250000 | 100.0000000 | 0.4750000 | 0.1000000 | 0.2000000 | 0.6666667 | 83.01180 | 0.5206885 | -2.0118033 | 0.0361742 | 2.742466 | 0.0026286 | -0.7485270 |
| 79 | 0.1724138 | 0.8275862 | 0.0000000 | 0.5862069 | 0.2758621 | 0.5862069 | 0.6511628 | 82.12264 | 0.9122863 | -3.1226436 | 0.1110465 | 2.732574 | 0.0228530 | -1.2097737 |
| 79 | 0.0000000 | 0.2162162 | 0.7297297 | 0.5405405 | 0.2972973 | 0.4324324 | 0.6545455 | 82.59568 | 0.3309849 | -3.5956777 | 0.0146170 | 2.729423 | 0.0032461 | -1.3231208 |
| 89 | 0.0270270 | 0.0000000 | 100.0000000 | 0.4594595 | 0.0270270 | 0.1621622 | 0.6785714 | 83.24622 | 0.4879339 | 5.7537802 | 0.0317661 | 2.698366 | 0.0187095 | 2.1359171 |
| 83 | 0.0000000 | 0.3333333 | 0.6944444 | 0.3888889 | 0.3055556 | 0.4166667 | 0.6415094 | 83.32814 | 0.4752032 | -0.3281400 | 0.0301301 | 2.748422 | 0.0000575 | -0.1217093 |
| 85 | 0.0256410 | 0.1538462 | 0.4102564 | 0.4615385 | 0.4615385 | 0.5128205 | 0.6551724 | 82.67997 | 0.4596514 | 2.3200275 | 0.0281903 | 2.740512 | 0.0026796 | 0.8596542 |
| 80 | 0.0000000 | 0.0000000 | 0.9487179 | 0.5128205 | 0.2564103 | 0.3076923 | 0.6551724 | 82.80070 | 0.2949285 | -2.8007003 | 0.0116058 | 2.737010 | 0.0015542 | -1.0290176 |
| 83 | 0.0000000 | 0.0000000 | 0.9117647 | 0.4705882 | 0.0588235 | 0.0294118 | 0.6400000 | 83.32479 | 0.4091806 | -0.3247882 | 0.0223395 | 2.748427 | 0.0000411 | -0.1199851 |
| 86 | 0.0000000 | 0.0263158 | 0.9210526 | 0.6052632 | 0.0526316 | 0.3947368 | 0.6428571 | 82.67809 | 0.5995998 | 3.3219050 | 0.0479695 | 2.731663 | 0.0097407 | 1.2436067 |
| 82 | 0.0000000 | 0.0000000 | 0.9714286 | 0.5428571 | 0.0857143 | 0.1428571 | 0.6538462 | 82.92777 | 0.4360021 | -0.9277710 | 0.0253641 | 2.747298 | 0.0003833 | -0.3432740 |
| 81 | 0.0000000 | 0.0000000 | 0.9090909 | 0.4848485 | 0.1515152 | 0.2727273 | 0.6530612 | 83.11022 | 0.3217898 | -2.1102153 | 0.0138162 | 2.742005 | 0.0010551 | -0.7761918 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4705882 | 0.1470588 | 0.1176471 | 0.6923077 | 83.03777 | 0.4813891 | -2.0377682 | 0.0309197 | 2.742341 | 0.0022802 | -0.7561295 |
| 79 | 0.5526316 | 100.0000000 | 0.0000000 | 0.5789474 | 0.6842105 | 0.6578947 | 0.6428571 | 78.91765 | 2.4388903 | 0.0823485 | 0.7936464 | 2.748536 | 0.0021080 | 0.0662172 |

## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced  
  
## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced



Marital status as a confounder:

##   
## Call:  
## lm(formula = dbp ~ fuel\_used\_for\_cooking\_percent\_wood\_dung +   
## percent\_public\_source + percent\_private\_toilet + percent\_employed +   
## percent\_without\_hs\_education + percent\_caste + percent\_marital\_status,   
## data = total)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -6.1590 -1.8945 0.1526 1.6045 7.1617   
##   
## Coefficients:  
## Estimate Std. Error t value  
## (Intercept) 85.776238 1.632447 52.545  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.581817 5.435554 -0.291  
## percent\_public\_source -0.019850 0.024097 -0.824  
## percent\_private\_toilet -0.001660 0.006155 -0.270  
## percent\_employed -4.984300 3.346169 -1.490  
## percent\_without\_hs\_education -1.654908 1.610964 -1.027  
## percent\_caste 0.026588 0.027820 0.956  
## percent\_marital\_status 0.002417 0.016566 0.146  
## Pr(>|t|)   
## (Intercept) <2e-16 \*\*\*  
## fuel\_used\_for\_cooking\_percent\_wood\_dung 0.772   
## percent\_public\_source 0.412   
## percent\_private\_toilet 0.788   
## percent\_employed 0.139   
## percent\_without\_hs\_education 0.306   
## percent\_caste 0.341   
## percent\_marital\_status 0.884   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 2.738 on 126 degrees of freedom  
## Multiple R-squared: 0.06757, Adjusted R-squared: 0.01577   
## F-statistic: 1.304 on 7 and 126 DF, p-value: 0.2535

## Estimate Std. Error  
## (Intercept) 85.776237967 1.632446723  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.581816749 5.435553800  
## percent\_public\_source -0.019850320 0.024096652  
## percent\_private\_toilet -0.001659693 0.006154735  
## percent\_employed -4.984299830 3.346168724  
## percent\_without\_hs\_education -1.654907545 1.610963554  
## percent\_caste 0.026588188 0.027819798  
## percent\_marital\_status 0.002416838 0.016566264  
## t value Pr(>|t|)  
## (Intercept) 52.5445865 1.500567e-87  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -0.2910130 7.715199e-01  
## percent\_public\_source -0.8237792 4.116216e-01  
## percent\_private\_toilet -0.2696611 7.878621e-01  
## percent\_employed -1.4895542 1.388404e-01  
## percent\_without\_hs\_education -1.0272781 3.062576e-01  
## percent\_caste 0.9557290 3.410393e-01  
## percent\_marital\_status 0.1458891 8.842421e-01

## (Intercept)   
## 85.776237967   
## fuel\_used\_for\_cooking\_percent\_wood\_dung   
## -1.581816749   
## percent\_public\_source   
## -0.019850320   
## percent\_private\_toilet   
## -0.001659693   
## percent\_employed   
## -4.984299830   
## percent\_without\_hs\_education   
## -1.654907545   
## percent\_caste   
## 0.026588188   
## percent\_marital\_status   
## 0.002416838

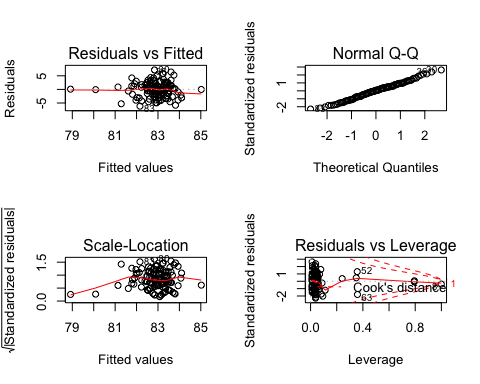
## 1 2 3 4 5 6 7 8   
## 82.88784 82.85239 83.03161 82.95860 83.38755 82.76083 81.98447 85.02322   
## 9 10 11 12 13 14 15 16   
## 82.91380 83.07823 81.90846 83.12453 82.89451 83.04334 83.25200 81.28453   
## 17 18 19 20 21 22 23 24   
## 83.18430 82.22639 82.81966 83.20587 81.77905 82.79570 82.65687 82.95701   
## 25 26 27 28 29 30 31 32   
## 83.30670 82.39089 83.51770 83.22047 82.48620 82.83829 82.99854 83.69572   
## 33 34 35 36 37 38 39 40   
## 82.60398 83.08202 82.80416 83.61001 84.07108 83.24321 83.50816 82.02555   
## 41 42 43 44 45 46 47 48   
## 84.10258 83.56356 83.39735 82.77249 83.47214 82.89971 82.89153 83.23898   
## 49 50 51 52 53 54 55 56   
## 83.38331 83.58672 83.22712 83.11863 83.56018 83.39446 82.63433 83.07579   
## 57 58 59 60 61 62 63 64   
## 83.05008 82.90757 82.99922 82.85212 81.13380 82.88051 83.93975 83.48749   
## 65 66 67 68 69 70 71 72   
## 83.00810 82.64867 82.50919 82.75422 82.46493 81.77592 82.89376 83.13860   
## 73 74 75 76 77 78 79 80   
## 83.81856 81.61548 82.84274 83.28753 82.23859 82.24113 83.19688 82.67517   
## 81 82 83 84 85 86 87 88   
## 83.79976 83.74327 82.15902 80.08851 82.80243 82.60787 81.87276 82.61303   
## 89 90 91 92 93 94 95 96   
## 82.49747 82.54830 83.76812 83.30265 82.85510 82.51009 83.08471 82.94006   
## 97 98 99 100 101 102 103 104   
## 83.49606 83.35908 81.97338 83.33867 81.80903 83.63107 83.01706 83.15262   
## 105 106 107 108 109 110 111 112   
## 82.90261 83.45823 83.38127 83.32792 83.26003 83.40920 83.35614 82.53874   
## 113 114 115 116 117 118 119 120   
## 82.55909 82.50080 83.43208 83.60863 83.46430 83.94007 83.31237 83.67408   
## 121 122 123 124 125 126 127 128   
## 83.00386 83.00496 82.12665 82.59830 83.23937 83.33776 82.68337 82.80481   
## 129 130 131 132 133 134   
## 83.33465 82.68312 82.93302 83.11666 83.02661 78.91881

## # A tibble: 1 x 11  
## r.squared adj.r.squared sigma statistic p.value df logLik AIC BIC  
## <dbl> <dbl> <dbl> <dbl> <dbl> <int> <dbl> <dbl> <dbl>  
## 1 0.0676 0.0158 2.74 1.30 0.254 8 -321. 660. 686.  
## # … with 2 more variables: deviance <dbl>, df.residual <int>

|  |  |  |
| --- | --- | --- |
| term | estimate | p.value |
| (Intercept) | 85.776 | 0.000 |
| fuel\_used\_for\_cooking\_percent\_wood\_dung | -1.582 | 0.772 |
| percent\_public\_source | -0.020 | 0.412 |
| percent\_private\_toilet | -0.002 | 0.788 |
| percent\_employed | -4.984 | 0.139 |
| percent\_without\_hs\_education | -1.655 | 0.306 |
| percent\_caste | 0.027 | 0.341 |
| percent\_marital\_status | 0.002 | 0.884 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| dbp | fuel\_used\_for\_cooking\_percent\_wood\_dung | percent\_public\_source | percent\_private\_toilet | percent\_employed | percent\_without\_hs\_education | percent\_caste | percent\_marital\_status | .fitted | .se.fit | .resid | .hat | .sigma | .cooksd | .std.resid |
| 85 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5405405 | 0.0270270 | 0.5675676 | 0.8108108 | 82.88784 | 0.5525050 | 2.1121610 | 0.0407107 | 2.742463 | 0.0032901 | 0.7875354 |
| 82 | 0.0000000 | 0.0789474 | 0.7368421 | 0.5789474 | 0.0263158 | 0.2368421 | 0.7631579 | 82.85239 | 0.5808949 | -0.8523921 | 0.0450019 | 2.748131 | 0.0005977 | -0.3185342 |
| 84 | 0.0277778 | 0.0555556 | 0.4722222 | 0.4444444 | 0.3055556 | 0.7500000 | 0.8947368 | 83.03161 | 0.3595821 | 0.9683949 | 0.0172438 | 2.747849 | 0.0002791 | 0.3567365 |
| 84 | 0.0000000 | 0.1538462 | 0.7692308 | 0.6153846 | 0.0000000 | 0.4615385 | 100.0000000 | 82.95860 | 1.6180078 | 1.0413988 | 0.3491379 | 2.746813 | 0.0149004 | 0.4714010 |
| 86 | 0.0277778 | 0.1944444 | 0.8333333 | 0.3888889 | 0.2500000 | 0.3888889 | 0.9166667 | 83.38755 | 0.4696544 | 2.6124547 | 0.0294166 | 2.738988 | 0.0035528 | 0.9683899 |
| 83 | 0.0000000 | 0.3076923 | 0.7435897 | 0.5128205 | 0.2820513 | 0.4871795 | 0.7435897 | 82.76083 | 0.2993282 | 0.2391736 | 0.0119490 | 2.749154 | 0.0000117 | 0.0878702 |
| 85 | 0.0000000 | 0.1351351 | 0.5405405 | 0.6486486 | 0.3513514 | 0.9189189 | 0.7837838 | 81.98447 | 0.5880066 | 3.0155283 | 0.0461105 | 2.735333 | 0.0076820 | 1.1275409 |
| 85 | 0.0526316 | 0.3947368 | 0.9473684 | 0.5789474 | 0.2631579 | 100.0000000 | 0.8157895 | 85.02322 | 2.7376126 | -0.0232176 | 0.9994931 | 2.747691 | 34.9503357 | -0.3765806 |
| 81 | 0.0000000 | 0.2777778 | 0.3611111 | 0.4166667 | 0.4722222 | 0.0000000 | 0.8055556 | 82.91380 | 0.5661842 | -1.9137958 | 0.0427515 | 2.743666 | 0.0028486 | -0.7143337 |
| 83 | 0.0000000 | 0.1500000 | 0.8500000 | 0.4250000 | 0.3500000 | 0.0750000 | 0.8000000 | 83.07823 | 0.4225612 | -0.0782322 | 0.0238131 | 2.749229 | 0.0000025 | -0.0289159 |
| 84 | 0.0000000 | 0.1071429 | 0.9285714 | 0.6666667 | 0.3392857 | 0.6785714 | 0.9107143 | 81.90846 | 0.6379244 | 2.0915400 | 0.0542718 | 2.742500 | 0.0044251 | 0.7854181 |
| 79 | 0.0000000 | 0.0344828 | 0.9137931 | 0.4655172 | 0.2068966 | 0.4137931 | 0.8965517 | 83.12453 | 0.3033290 | -4.1245335 | 0.0122705 | 2.724064 | 0.0035668 | -1.5155621 |
| 85 | 0.0000000 | 0.3818182 | 0.8000000 | 0.4909091 | 0.2727273 | 0.8727273 | 0.8909091 | 82.89451 | 0.2910574 | 2.1054881 | 0.0112978 | 2.742707 | 0.0008541 | 0.7732821 |
| 84 | 0.0000000 | 0.1636364 | 0.8909091 | 0.4909091 | 0.1818182 | 0.6545455 | 0.8909091 | 83.04334 | 0.3044216 | 0.9566629 | 0.0123591 | 2.747890 | 0.0001933 | 0.3515421 |
| 87 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4545455 | 0.0606061 | 0.2121212 | 0.8181818 | 83.25200 | 0.4660567 | 3.7480022 | 0.0289677 | 2.728109 | 0.0071943 | 1.3889957 |
| 76 | 0.0263158 | 0.8684211 | 0.1315789 | 0.7368421 | 0.4736842 | 0.8157895 | 0.9210526 | 81.28453 | 0.8371779 | -5.2845252 | 0.0934698 | 2.704046 | 0.0529498 | -2.0269020 |
| 82 | 0.0000000 | 0.2702703 | 0.7837838 | 0.4594595 | 0.1891892 | 0.5945946 | 0.8648649 | 83.18430 | 0.3141724 | -1.1842973 | 0.0131635 | 2.747170 | 0.0003160 | -0.4353675 |
| 83 | 0.1025641 | 0.0256410 | 0.9487179 | 0.5897436 | 0.2820513 | 0.6923077 | 0.9487179 | 82.22639 | 0.6072526 | 0.7736108 | 0.0491784 | 2.748322 | 0.0005427 | 0.2897283 |
| 82 | 0.0000000 | 0.2105263 | 0.9473684 | 0.4210526 | 0.5263158 | 0.6315789 | 0.8421053 | 82.81966 | 0.6262732 | -0.8196579 | 0.0523074 | 2.748207 | 0.0006523 | -0.3074799 |
| 82 | 0.0000000 | 0.0263158 | 0.8947368 | 0.4473684 | 0.2105263 | 0.2894737 | 0.8947368 | 83.20587 | 0.3236023 | -1.2058697 | 0.0139656 | 2.747092 | 0.0003482 | -0.4434782 |
| 86 | 0.0540541 | 0.7837838 | 0.5675676 | 0.5405405 | 0.7297297 | 0.1621622 | 0.9729730 | 81.77905 | 0.7653493 | 4.2209542 | 0.0781187 | 2.720974 | 0.0273006 | 1.6054288 |
| 87 | 0.0000000 | 0.1500000 | 0.9000000 | 0.5500000 | 0.1500000 | 0.4250000 | 0.9250000 | 82.79570 | 0.3955091 | 4.2042988 | 0.0208617 | 2.722846 | 0.0064120 | 1.5516346 |
| 87 | 0.0000000 | 0.6923077 | 0.6666667 | 0.4871795 | 0.4102564 | 0.0256410 | 0.8205128 | 82.65687 | 0.3947199 | 4.3431313 | 0.0207785 | 2.721067 | 0.0068140 | 1.6028039 |
| 88 | 0.0000000 | 0.8461538 | 0.6923077 | 0.4615385 | 0.3076923 | 0.2307692 | 0.9230769 | 82.95701 | 0.3289708 | 5.0429892 | 0.0144328 | 2.711435 | 0.0062994 | 1.8550808 |
| 86 | 0.0000000 | 0.5365854 | 0.6585366 | 0.3902439 | 0.3170732 | 0.3658537 | 0.9512195 | 83.30670 | 0.4795082 | 2.6932995 | 0.0306639 | 2.738329 | 0.0039463 | 0.9989997 |
| 84 | 0.0769231 | 0.3333333 | 0.7179487 | 0.5384615 | 0.3589744 | 0.7435897 | 0.9487179 | 82.39089 | 0.4445010 | 1.6091081 | 0.0263500 | 2.745366 | 0.0011998 | 0.5955273 |
| 85 | 0.0000000 | 0.4102564 | 0.7179487 | 0.4102564 | 0.1282051 | 0.2051282 | 0.9743590 | 83.51770 | 0.4137597 | 1.4822971 | 0.0228314 | 2.745965 | 0.0008758 | 0.5476063 |
| 89 | 0.0000000 | 0.1538462 | 0.7948718 | 0.4615385 | 0.1538462 | 0.0512821 | 0.9487179 | 83.22047 | 0.3297487 | 5.7795260 | 0.0145011 | 2.699473 | 0.0083142 | 2.1260921 |
| 85 | 0.0000000 | 0.9250000 | 0.8250000 | 0.4500000 | 0.6250000 | 0.1750000 | 0.9500000 | 82.48620 | 0.7164363 | 2.5137960 | 0.0684528 | 2.739351 | 0.0083097 | 0.9511423 |
| 90 | 0.0000000 | 0.2307692 | 0.8974359 | 0.5128205 | 0.2307692 | 0.1538462 | 0.8205128 | 82.83829 | 0.2989524 | 7.1617117 | 0.0119190 | 2.672647 | 0.0104384 | 2.6311067 |
| 84 | 0.0000000 | 0.1750000 | 0.7750000 | 0.5000000 | 0.1750000 | 0.2500000 | 0.9000000 | 82.99854 | 0.3129724 | 1.0014586 | 0.0130631 | 2.747759 | 0.0002242 | 0.3681343 |
| 84 | 0.0000000 | 0.1025641 | 0.7948718 | 0.3589744 | 0.1794872 | 0.2564103 | 0.9487179 | 83.69572 | 0.5215285 | 0.3042773 | 0.0362737 | 2.749098 | 0.0000603 | 0.1131907 |
| 82 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5945946 | 0.0270270 | 0.0270270 | 0.7837838 | 82.60398 | 0.6662824 | -0.6039801 | 0.0592042 | 2.748674 | 0.0004068 | -0.2274013 |
| 83 | 0.0263158 | 0.4736842 | 0.9210526 | 0.4473684 | 0.2631579 | 0.8157895 | 0.8157895 | 83.08202 | 0.3367312 | -0.0820214 | 0.0151218 | 2.749228 | 0.0000017 | -0.0301824 |
| 86 | 0.0256410 | 0.2307692 | 0.9743590 | 0.5384615 | 0.1538462 | 0.4102564 | 0.9230769 | 82.80416 | 0.3812575 | 3.1958354 | 0.0193853 | 2.734043 | 0.0034323 | 1.1785638 |
| 90 | 0.0000000 | 0.0188679 | 100.0000000 | 0.3773585 | 0.0754717 | 0.1320755 | 0.9811321 | 83.61001 | 0.5397723 | 6.3899895 | 0.0388559 | 2.686717 | 0.0286303 | 2.3802567 |
| 82 | 0.0000000 | 0.0526316 | 0.9473684 | 0.3157895 | 0.0789474 | 0.0000000 | 0.8684211 | 84.07108 | 0.6576968 | -2.0710797 | 0.0576882 | 2.742607 | 0.0046456 | -0.7791434 |
| 84 | 0.0000000 | 0.0000000 | 0.9750000 | 0.5000000 | 0.0250000 | 0.0000000 | 0.8750000 | 83.24321 | 0.4619424 | 0.7567881 | 0.0284585 | 2.748380 | 0.0002879 | 0.2803894 |
| 83 | 0.0000000 | 0.0769231 | 0.8846154 | 0.4230769 | 0.0961538 | 0.0192308 | 0.9423077 | 83.50816 | 0.4116059 | -0.5081636 | 0.0225943 | 2.748854 | 0.0001018 | -0.1877085 |
| 79 | 0.0000000 | 0.8285714 | 0.0285714 | 0.6000000 | 0.4571429 | 0.4000000 | 0.9428571 | 82.02555 | 0.5245278 | -3.0255481 | 0.0366921 | 2.735377 | 0.0060339 | -1.1257434 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3030303 | 0.0000000 | 0.0303030 | 0.7878788 | 84.10258 | 0.6881412 | -3.1025847 | 0.0631526 | 2.734248 | 0.0115464 | -1.1705962 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4000000 | 0.0333333 | 0.0000000 | 0.9000000 | 83.56356 | 0.5031356 | 0.4364397 | 0.0337603 | 2.748951 | 0.0001148 | 0.1621435 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4444444 | 0.0000000 | 0.0000000 | 0.9629630 | 83.39735 | 0.4786365 | -2.3973517 | 0.0305526 | 2.740599 | 0.0031146 | -0.8891756 |
| 83 | 0.0000000 | 0.0263158 | 100.0000000 | 0.5526316 | 0.0526316 | 0.0789474 | 0.9210526 | 82.77249 | 0.5665465 | 0.2275105 | 0.0428062 | 2.749160 | 0.0000403 | 0.0849218 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3947368 | 0.1052632 | 0.0526316 | 0.8947368 | 83.47214 | 0.5201792 | -3.4721429 | 0.0360862 | 2.730980 | 0.0078056 | -1.2915060 |
| 80 | 0.0000000 | 0.0000000 | 0.9666667 | 0.5666667 | 0.0333333 | 0.1000000 | 0.8333333 | 82.89971 | 0.5468449 | -2.8997063 | 0.0398808 | 2.736467 | 0.0060641 | -1.0807104 |
| 84 | 0.0400000 | 0.0000000 | 100.0000000 | 0.5000000 | 0.1000000 | 0.0000000 | 0.9000000 | 82.89153 | 0.5112605 | 1.1084695 | 0.0348594 | 2.747385 | 0.0007665 | 0.4120466 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4761905 | 0.0000000 | 0.0000000 | 0.9047619 | 83.23898 | 0.4857249 | 0.7610207 | 0.0314642 | 2.748368 | 0.0003238 | 0.2823947 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4473684 | 0.0000000 | 0.0263158 | 0.8947368 | 83.38331 | 0.4784395 | -2.3833125 | 0.0305274 | 2.740700 | 0.0030756 | -0.8839570 |
| 85 | 0.0000000 | 0.0000000 | 0.9855072 | 0.4347826 | 0.0144928 | 0.0434783 | 0.8405797 | 83.58672 | 0.4754489 | 1.4132812 | 0.0301470 | 2.746240 | 0.0010672 | 0.5240751 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4615385 | 0.0512821 | 0.0000000 | 0.8974359 | 83.22712 | 0.4668245 | -0.2271245 | 0.0290632 | 2.749161 | 0.0000265 | -0.0841756 |
| 86 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5483871 | 0.0000000 | 0.0000000 | 100.0000000 | 83.11863 | 1.6356473 | 2.8813733 | 0.3567920 | 2.730394 | 0.1193595 | 1.3120238 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4117647 | 0.0000000 | 0.0000000 | 0.9411765 | 83.56018 | 0.4957950 | -4.5601846 | 0.0327823 | 2.717777 | 0.0121479 | -1.6933168 |
| 86 | 0.0000000 | 0.1304348 | 0.8695652 | 0.4347826 | 0.1304348 | 0.1086957 | 0.9565217 | 83.39446 | 0.3718019 | 2.6055370 | 0.0184357 | 2.739157 | 0.0021655 | 0.9604080 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5641026 | 0.1025641 | 0.1282051 | 0.8461538 | 82.63433 | 0.5803593 | 1.3656680 | 0.0449190 | 2.746396 | 0.0015310 | 0.5103204 |
| 80 | 0.0000000 | 0.1315789 | 0.9736842 | 0.4736842 | 0.2105263 | 0.4210526 | 0.8157895 | 83.07579 | 0.2967931 | -3.0757910 | 0.0117474 | 2.735275 | 0.0018970 | -1.1299019 |
| 79 | 0.0000000 | 0.0500000 | 0.9500000 | 0.5250000 | 0.0750000 | 0.5750000 | 0.8250000 | 83.05008 | 0.4271679 | -4.0500754 | 0.0243351 | 2.724667 | 0.0069904 | -1.4973753 |
| 81 | 0.0000000 | 0.0243902 | 0.8536585 | 0.5121951 | 0.1951220 | 0.2682927 | 0.8048780 | 82.90757 | 0.3106398 | -1.9075728 | 0.0128692 | 2.743870 | 0.0008011 | -0.7011512 |
| 81 | 0.0000000 | 0.4594595 | 0.4324324 | 0.4054054 | 0.4594595 | 0.4324324 | 0.9729730 | 82.99922 | 0.5745944 | -1.9992239 | 0.0440310 | 2.743148 | 0.0032103 | -0.7467194 |
| 83 | 0.0000000 | 0.0512821 | 0.8717949 | 0.5128205 | 0.2307692 | 0.5384615 | 0.8205128 | 82.85212 | 0.2978514 | 0.1478801 | 0.0118314 | 2.749206 | 0.0000044 | 0.0543265 |
| 82 | 0.2549020 | 0.3421053 | 0.7894737 | 0.6052632 | 0.7368421 | 0.1052632 | 0.9473684 | 81.13380 | 1.3464638 | 0.8662016 | 0.2417827 | 2.747798 | 0.0052604 | 0.3632788 |
| 85 | 0.0000000 | 0.1538462 | 0.8974359 | 0.5128205 | 0.2051282 | 0.0769231 | 0.9487179 | 82.88051 | 0.3068094 | 2.1194867 | 0.0125537 | 2.742611 | 0.0009642 | 0.7789182 |
| 80 | 0.0000000 | 0.0000000 | 0.8333333 | 0.4166667 | 0.0000000 | 0.0000000 | 100.0000000 | 83.93975 | 1.6397741 | -3.9397470 | 0.3585947 | 2.713801 | 0.2255388 | -1.7964700 |
| 83 | 0.0000000 | 0.0000000 | 0.9729730 | 0.4054054 | 0.1621622 | 0.0000000 | 0.7837838 | 83.48749 | 0.4095451 | -0.4874919 | 0.0223686 | 2.748884 | 0.0000927 | -0.1800519 |
| 84 | 0.0000000 | 0.2666667 | 0.8000000 | 0.4666667 | 0.2666667 | 0.1333333 | 0.9333333 | 83.00810 | 0.3048454 | 0.9918977 | 0.0123935 | 2.747788 | 0.0002084 | 0.3644960 |
| 82 | 0.0256410 | 0.0512821 | 0.8974359 | 0.4871795 | 0.4102564 | 0.7692308 | 0.9230769 | 82.64867 | 0.3765282 | -0.6486694 | 0.0189074 | 2.748614 | 0.0001378 | -0.2391588 |
| 83 | 0.0500000 | 0.2500000 | 0.7000000 | 0.5000000 | 0.4250000 | 0.4250000 | 0.9750000 | 82.50919 | 0.4067677 | 0.4908065 | 0.0220663 | 2.748880 | 0.0000927 | 0.1812481 |
| 84 | 0.0000000 | 0.2500000 | 0.6500000 | 0.5000000 | 0.3250000 | 0.4500000 | 0.8500000 | 82.75422 | 0.3143643 | 1.2457793 | 0.0131796 | 2.746949 | 0.0003501 | 0.4579731 |
| 84 | 0.0000000 | 0.1351351 | 0.8918919 | 0.5675676 | 0.2972973 | 0.4324324 | 0.9459459 | 82.46493 | 0.3796722 | 1.5350675 | 0.0192244 | 2.745740 | 0.0007851 | 0.5660575 |
| 83 | 0.0000000 | 0.2500000 | 0.8888889 | 0.6666667 | 0.4166667 | 0.6111111 | 0.9444444 | 81.77592 | 0.6548185 | 1.2240804 | 0.0571844 | 2.746925 | 0.0016069 | 0.4603779 |
| 78 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5454545 | 0.0000000 | 0.0000000 | 0.9090909 | 82.89376 | 0.5735055 | -4.8937568 | 0.0438643 | 2.712550 | 0.0191559 | -1.8276815 |
| 83 | 0.0000000 | 0.0000000 | 0.9607843 | 0.5294118 | 0.0000000 | 0.0196078 | 0.9019608 | 83.13860 | 0.5252983 | -0.1385976 | 0.0368000 | 2.749209 | 0.0000127 | -0.0515722 |
| 78 | 0.0000000 | 0.0000000 | 0.9285714 | 0.3928571 | 0.0000000 | 0.0000000 | 0.8214286 | 83.81856 | 0.5396772 | -5.8185643 | 0.0388422 | 2.697503 | 0.0237297 | -2.1673867 |
| 81 | 0.0975610 | 0.3414634 | 0.2439024 | 0.5609756 | 0.7317073 | 0.2195122 | 0.7804878 | 81.61548 | 0.8090835 | -0.6154756 | 0.0873017 | 2.748634 | 0.0006618 | -0.2352692 |
| 83 | 0.0000000 | 0.0000000 | 0.9333333 | 0.5833333 | 0.0166667 | 0.0333333 | 0.9333333 | 82.84274 | 0.6007200 | 0.1572591 | 0.0481260 | 2.749200 | 0.0000219 | 0.0588632 |
| 82 | 0.0000000 | 0.0750000 | 0.9000000 | 0.4250000 | 0.2250000 | 0.1000000 | 0.9500000 | 83.28753 | 0.3622000 | -1.2875287 | 0.0174958 | 2.746782 | 0.0005009 | -0.4743595 |
| 78 | 0.0000000 | 0.5263158 | 0.5789474 | 0.5526316 | 0.4736842 | 0.3684211 | 0.9736842 | 82.23859 | 0.4758979 | -4.2385934 | 0.0302039 | 2.722151 | 0.0096182 | -1.5718078 |
| 84 | 0.0000000 | 0.6000000 | 0.3500000 | 0.5500000 | 0.4750000 | 0.1000000 | 0.9000000 | 82.24113 | 0.4754625 | 1.7588651 | 0.0301487 | 2.744593 | 0.0016530 | 0.6522256 |
| 82 | 0.0000000 | 0.0263158 | 0.9736842 | 0.5000000 | 0.0526316 | 0.0000000 | 0.8421053 | 83.19688 | 0.4283745 | -1.1968845 | 0.0244728 | 2.747101 | 0.0006141 | -0.4425379 |
| 84 | 0.0256410 | 0.0000000 | 100.0000000 | 0.5641026 | 0.0512821 | 0.0000000 | 0.8205128 | 82.67517 | 0.5929531 | 1.3248310 | 0.0468896 | 2.746558 | 0.0015103 | 0.4955720 |
| 84 | 0.0000000 | 0.0303030 | 100.0000000 | 0.3636364 | 0.0000000 | 0.0303030 | 0.7272727 | 83.79976 | 0.5605047 | 0.2002421 | 0.0418981 | 2.749177 | 0.0000305 | 0.0747081 |
| 89 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3750000 | 0.0000000 | 0.0000000 | 0.8750000 | 83.74327 | 0.5415035 | 5.2567290 | 0.0391055 | 2.707074 | 0.0195103 | 1.9583741 |
| 76 | 0.0000000 | 0.9750000 | 0.0000000 | 0.5500000 | 0.5250000 | 0.3750000 | 0.9750000 | 82.15902 | 0.5327988 | -6.1590195 | 0.0378584 | 2.691264 | 0.0258615 | -2.2930313 |
| 80 | 0.0000000 | 100.0000000 | 0.0000000 | 0.5405405 | 0.6216216 | 0.6756757 | 0.9459459 | 80.08851 | 2.4387376 | -0.0885147 | 0.7931694 | 2.749183 | 0.0024217 | -0.0710765 |
| 81 | 0.0000000 | 0.2931034 | 0.6896552 | 0.5344828 | 0.1896552 | 0.3275862 | 0.9655172 | 82.80243 | 0.3417832 | -1.8024345 | 0.0155789 | 2.744432 | 0.0008706 | -0.6634175 |
| 84 | 0.0000000 | 0.0000000 | 0.9148936 | 0.5744681 | 0.1914894 | 0.4255319 | 0.8510638 | 82.60787 | 0.4199222 | 1.3921278 | 0.0235165 | 2.746349 | 0.0007968 | 0.5144754 |
| 83 | 0.0000000 | 0.1666667 | 0.8333333 | 0.6666667 | 0.3611111 | 0.7500000 | 0.7222222 | 81.87276 | 0.6404366 | 1.1272389 | 0.0547001 | 2.747282 | 0.0012967 | 0.4233983 |
| 85 | 0.0000000 | 0.0000000 | 0.7068966 | 0.5517241 | 0.2586207 | 0.5172414 | 0.8965517 | 82.61303 | 0.3479407 | 2.3869678 | 0.0161453 | 2.740799 | 0.0015842 | 0.8788181 |
| 85 | 0.0000000 | 0.0869565 | 0.7391304 | 0.5652174 | 0.2826087 | 0.2608696 | 0.8913043 | 82.49747 | 0.3745634 | 2.5025289 | 0.0187105 | 2.739937 | 0.0020286 | 0.9225681 |
| 83 | 0.0000000 | 0.0000000 | 0.9743590 | 0.5384615 | 0.3333333 | 0.2564103 | 0.9743590 | 82.54830 | 0.3430642 | 0.4516964 | 0.0156959 | 2.748937 | 0.0000551 | 0.1662646 |
| 84 | 0.0175439 | 0.0000000 | 0.9824561 | 0.3859649 | 0.0350877 | 0.0350877 | 0.8947368 | 83.76812 | 0.5406931 | 0.2318802 | 0.0389886 | 2.749157 | 0.0000378 | 0.0863808 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4531250 | 0.0312500 | 0.0156250 | 0.9062500 | 83.30265 | 0.4694863 | -0.3026477 | 0.0293956 | 2.749101 | 0.0000476 | -0.1121848 |
| 81 | 0.0169492 | 0.1355932 | 0.7796610 | 0.4915254 | 0.2711864 | 0.2372881 | 0.8474576 | 82.85510 | 0.2844369 | -1.8551006 | 0.0107897 | 2.744172 | 0.0006326 | -0.6811473 |
| 82 | 0.0000000 | 0.2131148 | 0.9672131 | 0.5081967 | 0.4426230 | 0.1147541 | 0.8852459 | 82.51009 | 0.4242053 | -0.5100880 | 0.0239987 | 2.748850 | 0.0001093 | -0.1885549 |
| 86 | 0.0000000 | 0.0800000 | 0.9800000 | 0.4800000 | 0.1800000 | 0.0000000 | 0.8400000 | 83.08471 | 0.3064913 | 2.9152937 | 0.0125277 | 2.736687 | 0.0018203 | 1.0713658 |
| 78 | 0.0000000 | 0.0526316 | 0.8684211 | 0.5526316 | 0.0526316 | 0.2105263 | 0.9473684 | 82.94006 | 0.4973273 | -4.9400572 | 0.0329853 | 2.712272 | 0.0143504 | -1.8345660 |
| 82 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4000000 | 0.0750000 | 0.0500000 | 0.9500000 | 83.49606 | 0.5055214 | -1.4960561 | 0.0340812 | 2.745865 | 0.0013629 | -0.5558985 |
| 80 | 0.0000000 | 0.0285714 | 0.9142857 | 0.4571429 | 0.0857143 | 0.1142857 | 0.9428571 | 83.35908 | 0.3861182 | -3.3590845 | 0.0198827 | 2.732437 | 0.0038932 | -1.2390813 |
| 78 | 0.0540541 | 0.1081081 | 0.1351351 | 0.5675676 | 0.5405405 | 0.2432432 | 0.8378378 | 81.97338 | 0.5353305 | -3.9733849 | 0.0382190 | 2.725250 | 0.0108741 | -1.4795868 |
| 84 | 0.0000000 | 0.0175439 | 100.0000000 | 0.4561404 | 0.0000000 | 0.0000000 | 0.9473684 | 83.33867 | 0.4785257 | 0.6613302 | 0.0305384 | 2.748582 | 0.0002369 | 0.2452850 |
| 80 | 0.0416667 | 0.2708333 | 0.3125000 | 0.5625000 | 0.6666667 | 0.3541667 | 0.8750000 | 81.80903 | 0.6817201 | -1.8090252 | 0.0619795 | 2.744157 | 0.0038429 | -0.6821130 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3859649 | 0.0350877 | 0.0175439 | 0.8947368 | 83.63107 | 0.5219611 | 1.3689342 | 0.0363339 | 2.746407 | 0.0012223 | 0.5092572 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4871795 | 0.1025641 | 0.1025641 | 0.8461538 | 83.01706 | 0.4762056 | -3.0170580 | 0.0302430 | 2.735547 | 0.0048799 | -1.1188454 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4102564 | 0.2564103 | 0.3589744 | 0.8205128 | 83.15262 | 0.5955450 | -0.1526200 | 0.0473004 | 2.749203 | 0.0000202 | -0.0571020 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5333333 | 0.0333333 | 0.1333333 | 0.9333333 | 82.90261 | 0.5380829 | -3.9026127 | 0.0386131 | 2.726091 | 0.0106070 | -1.4535308 |
| 82 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4324324 | 0.0000000 | 0.0540541 | 0.7837838 | 83.45823 | 0.4824872 | -1.4582273 | 0.0310461 | 2.746043 | 0.0011722 | -0.5409929 |
| 80 | 0.0000000 | 0.0697674 | 0.9302326 | 0.4186047 | 0.1860465 | 0.0000000 | 0.9534884 | 83.38127 | 0.3769305 | -3.3812727 | 0.0189478 | 2.732230 | 0.0037522 | -1.2466715 |
| 85 | 0.0000000 | 0.0750000 | 100.0000000 | 0.4250000 | 0.1000000 | 0.0250000 | 0.9500000 | 83.32792 | 0.4836266 | 1.6720776 | 0.0311929 | 2.745036 | 0.0015490 | 0.6203770 |
| 82 | 0.0161290 | 0.1774194 | 0.7903226 | 0.4354839 | 0.1935484 | 0.1129032 | 0.8387097 | 83.26003 | 0.3522456 | -1.2600333 | 0.0165473 | 2.746888 | 0.0004528 | -0.4640056 |
| 85 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4750000 | 0.0000000 | 0.0000000 | 0.8250000 | 83.40920 | 0.4820851 | 1.5908043 | 0.0309944 | 2.745436 | 0.0013925 | 0.5901624 |
| 84 | 0.0000000 | 0.1621622 | 0.6756757 | 0.3783784 | 0.3243243 | 0.1891892 | 0.7837838 | 83.35614 | 0.5151303 | 0.6438560 | 0.0353891 | 2.748613 | 0.0002628 | 0.2394035 |
| 86 | 0.0000000 | 0.0555556 | 100.0000000 | 0.5277778 | 0.2777778 | 0.6666667 | 0.8888889 | 82.53874 | 0.5907319 | 3.4612596 | 0.0465390 | 2.730895 | 0.0102241 | 1.2944957 |
| 78 | 0.0000000 | 0.1282051 | 100.0000000 | 0.4615385 | 0.4615385 | 0.5128205 | 0.8205128 | 82.55909 | 0.7826431 | -4.5590922 | 0.0816890 | 2.716107 | 0.0335650 | -1.7374063 |
| 81 | 0.0000000 | 0.6052632 | 0.7105263 | 0.4736842 | 0.5526316 | 0.4210526 | 0.8684211 | 82.50080 | 0.5870178 | -1.5007996 | 0.0459556 | 2.745801 | 0.0018958 | -0.5611207 |
| 86 | 0.0000000 | 0.0476190 | 0.9523810 | 0.4285714 | 0.1269841 | 0.0952381 | 0.8730159 | 83.43208 | 0.3825679 | 2.5679213 | 0.0195188 | 2.739435 | 0.0022319 | 0.9470654 |
| 87 | 0.0000000 | 0.0000000 | 0.9444444 | 0.3888889 | 0.1388889 | 0.0000000 | 0.8888889 | 83.60863 | 0.4530121 | 3.3913683 | 0.0273688 | 2.731979 | 0.0055470 | 1.2557950 |
| 86 | 0.0000000 | 0.0000000 | 0.9473684 | 0.4473684 | 0.0526316 | 0.1578947 | 0.9736842 | 83.46430 | 0.4248033 | 2.5357017 | 0.0240664 | 2.739636 | 0.0027084 | 0.9373590 |
| 83 | 0.0000000 | 0.0263158 | 0.9736842 | 0.3684211 | 0.0000000 | 0.0000000 | 0.9473684 | 83.94007 | 0.5809841 | -0.9400682 | 0.0450157 | 2.747891 | 0.0007272 | -0.3513008 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4358974 | 0.0769231 | 0.0000000 | 0.8461538 | 83.31237 | 0.4721573 | 1.6876304 | 0.0297310 | 2.744964 | 0.0014994 | 0.6256755 |
| 81 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4000000 | 0.0666667 | 0.0666667 | 0.6666667 | 83.67408 | 0.4709243 | -2.6740809 | 0.0295759 | 2.738496 | 0.0037438 | -0.9913150 |
| 84 | 0.0000000 | 0.0810811 | 0.8918919 | 0.5135135 | 0.1351351 | 0.4324324 | 0.9729730 | 83.00386 | 0.3526307 | 0.9961441 | 0.0165835 | 2.747770 | 0.0002837 | 0.3668355 |
| 81 | 0.0500000 | 0.0250000 | 100.0000000 | 0.4750000 | 0.1000000 | 0.2000000 | 0.8250000 | 83.00496 | 0.5227546 | -2.0049600 | 0.0364445 | 2.743161 | 0.0026305 | -0.7459079 |
| 79 | 0.1724138 | 0.8275862 | 0.0000000 | 0.5862069 | 0.2758621 | 0.5862069 | 0.9655172 | 82.12665 | 0.9138586 | -3.1266456 | 0.1113766 | 2.733185 | 0.0229859 | -1.2112609 |
| 79 | 0.0000000 | 0.2162162 | 0.7297297 | 0.5405405 | 0.2972973 | 0.4324324 | 0.9459459 | 82.59830 | 0.3320015 | -3.5983030 | 0.0146999 | 2.730052 | 0.0032683 | -1.3238275 |
| 89 | 0.0270270 | 0.0000000 | 100.0000000 | 0.4594595 | 0.0270270 | 0.1621622 | 0.9729730 | 83.23937 | 0.4915497 | 5.7606309 | 0.0322233 | 2.698887 | 0.0190330 | 2.1384563 |
| 83 | 0.0000000 | 0.3333333 | 0.6944444 | 0.3888889 | 0.3055556 | 0.4166667 | 0.9166667 | 83.33776 | 0.4760908 | -0.3377575 | 0.0302284 | 2.749067 | 0.0000611 | -0.1252530 |
| 85 | 0.0256410 | 0.1538462 | 0.4102564 | 0.4615385 | 0.4615385 | 0.5128205 | 0.8461538 | 82.68337 | 0.4621672 | 2.3166258 | 0.0284862 | 2.741189 | 0.0027002 | 0.8583201 |
| 80 | 0.0000000 | 0.0000000 | 0.9487179 | 0.5128205 | 0.2564103 | 0.3076923 | 0.9743590 | 82.80481 | 0.2955258 | -2.8048128 | 0.0116473 | 2.737633 | 0.0015637 | -1.0303050 |
| 83 | 0.0000000 | 0.0000000 | 0.9117647 | 0.4705882 | 0.0588235 | 0.0294118 | 0.8461538 | 83.33465 | 0.4108161 | -0.3346514 | 0.0225077 | 2.749071 | 0.0000440 | -0.1236101 |
| 86 | 0.0000000 | 0.0263158 | 0.9210526 | 0.6052632 | 0.0526316 | 0.3947368 | 0.9736842 | 82.68312 | 0.6104040 | 3.3168780 | 0.0496902 | 2.732342 | 0.0100912 | 1.2425526 |
| 82 | 0.0000000 | 0.0000000 | 0.9714286 | 0.5428571 | 0.0857143 | 0.1428571 | 0.9142857 | 82.93302 | 0.4433352 | -0.9330217 | 0.0262120 | 2.747937 | 0.0004011 | -0.3452848 |
| 81 | 0.0000000 | 0.0000000 | 0.9090909 | 0.4848485 | 0.1515152 | 0.2727273 | 0.8484848 | 83.11666 | 0.3232819 | -2.1166573 | 0.0139379 | 2.742619 | 0.0010706 | -0.7784242 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4705882 | 0.1470588 | 0.1176471 | 0.8823529 | 83.02661 | 0.4814526 | -2.0266076 | 0.0309131 | 2.743065 | 0.0022537 | -0.7518067 |
| 79 | 0.5526316 | 100.0000000 | 0.0000000 | 0.5789474 | 0.6842105 | 0.6578947 | 0.9210526 | 78.91881 | 2.4394703 | 0.0811901 | 0.7936461 | 2.749192 | 0.0020481 | 0.0652702 |

## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced  
  
## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced



Full model:

##   
## Call:  
## lm(formula = dbp ~ fuel\_used\_for\_cooking\_percent\_wood\_dung +   
## percent\_public\_source + percent\_private\_toilet + percent\_employed +   
## percent\_without\_hs\_education + percent\_caste + median\_age +   
## percent\_female + percent\_marital\_status, data = total)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -6.1063 -1.7159 0.1151 1.5832 7.1919   
##   
## Coefficients:  
## Estimate Std. Error t value  
## (Intercept) 83.330946 4.019182 20.733  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.912130 5.490215 -0.348  
## percent\_public\_source -0.020060 0.024244 -0.827  
## percent\_private\_toilet -0.002713 0.006517 -0.416  
## percent\_employed -4.012456 3.715342 -1.080  
## percent\_without\_hs\_education -1.032857 1.851311 -0.558  
## percent\_caste 0.027418 0.028012 0.979  
## median\_age 0.040190 0.062537 0.643  
## percent\_female 0.116323 0.466785 0.249  
## percent\_marital\_status 0.000601 0.016970 0.035  
## Pr(>|t|)   
## (Intercept) <2e-16 \*\*\*  
## fuel\_used\_for\_cooking\_percent\_wood\_dung 0.728   
## percent\_public\_source 0.410   
## percent\_private\_toilet 0.678   
## percent\_employed 0.282   
## percent\_without\_hs\_education 0.578   
## percent\_caste 0.330   
## median\_age 0.522   
## percent\_female 0.804   
## percent\_marital\_status 0.972   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 2.755 on 124 degrees of freedom  
## Multiple R-squared: 0.07129, Adjusted R-squared: 0.003884   
## F-statistic: 1.058 on 9 and 124 DF, p-value: 0.3989

## Estimate Std. Error  
## (Intercept) 83.3309462630 4.019181894  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -1.9121301016 5.490215435  
## percent\_public\_source -0.0200598083 0.024243759  
## percent\_private\_toilet -0.0027130617 0.006517217  
## percent\_employed -4.0124558718 3.715341895  
## percent\_without\_hs\_education -1.0328574693 1.851310911  
## percent\_caste 0.0274180151 0.028012013  
## median\_age 0.0401899198 0.062536927  
## percent\_female 0.1163227959 0.466785010  
## percent\_marital\_status 0.0006009671 0.016970479  
## t value Pr(>|t|)  
## (Intercept) 20.7333105 4.066778e-42  
## fuel\_used\_for\_cooking\_percent\_wood\_dung -0.3482796 7.282208e-01  
## percent\_public\_source -0.8274216 4.095877e-01  
## percent\_private\_toilet -0.4162915 6.779164e-01  
## percent\_employed -1.0799695 2.822519e-01  
## percent\_without\_hs\_education -0.5579060 5.779144e-01  
## percent\_caste 0.9787949 3.295871e-01  
## median\_age 0.6426590 5.216319e-01  
## percent\_female 0.2491999 8.036184e-01  
## percent\_marital\_status 0.0354125 9.718078e-01

## (Intercept)   
## 83.3309462630   
## fuel\_used\_for\_cooking\_percent\_wood\_dung   
## -1.9121301016   
## percent\_public\_source   
## -0.0200598083   
## percent\_private\_toilet   
## -0.0027130617   
## percent\_employed   
## -4.0124558718   
## percent\_without\_hs\_education   
## -1.0328574693   
## percent\_caste   
## 0.0274180151   
## median\_age   
## 0.0401899198   
## percent\_female   
## 0.1163227959   
## percent\_marital\_status   
## 0.0006009671

## 1 2 3 4 5 6 7 8   
## 82.69139 82.78562 83.10266 82.90276 83.65461 82.60543 82.23685 85.03553   
## 9 10 11 12 13 14 15 16   
## 83.15482 82.88523 82.00517 82.87534 82.79515 82.72831 83.30920 81.44953   
## 17 18 19 20 21 22 23 24   
## 83.17135 82.08678 83.00347 83.06045 81.91992 82.74245 82.64499 83.05214   
## 25 26 27 28 29 30 31 32   
## 83.19951 82.39151 83.41566 83.21150 82.58168 82.80810 82.72138 83.59128   
## 33 34 35 36 37 38 39 40   
## 82.42925 83.12504 82.77962 83.45172 84.14029 84.03554 83.46986 82.10950   
## 41 42 43 44 45 46 47 48   
## 84.28805 83.57013 83.29588 82.75694 83.56346 82.94300 83.04482 83.23322   
## 49 50 51 52 53 54 55 56   
## 83.42628 83.70251 83.59404 83.06695 83.81112 83.51983 82.68519 82.75987   
## 57 58 59 60 61 62 63 64   
## 82.69906 82.74068 82.61090 82.63638 81.29265 82.83821 84.04846 83.45406   
## 65 66 67 68 69 70 71 72   
## 82.81467 82.65485 82.45851 82.64911 82.42019 81.85368 82.90417 83.25416   
## 73 74 75 76 77 78 79 80   
## 83.78941 81.68590 82.78820 83.41637 82.33166 82.38529 83.56838 82.93042   
## 81 82 83 84 85 86 87 88   
## 83.89199 83.57891 82.10626 80.12380 82.61880 82.51503 81.97684 82.65430   
## 89 90 91 92 93 94 95 96   
## 82.39645 82.55920 83.71990 83.08122 82.71699 82.64195 83.17726 82.74977   
## 97 98 99 100 101 102 103 104   
## 83.37173 83.44678 82.14720 83.45223 81.80557 83.61517 83.12976 83.25193   
## 105 106 107 108 109 110 111 112   
## 83.12654 83.34322 83.09634 83.33437 83.13995 83.62922 83.26803 82.51604   
## 113 114 115 116 117 118 119 120   
## 82.28005 82.53249 83.35455 83.71605 83.55189 84.24383 83.44679 83.99381   
## 121 122 123 124 125 126 127 128   
## 82.82693 82.71277 81.92011 82.38841 83.19953 83.44088 82.69180 82.89449   
## 129 130 131 132 133 134   
## 83.47422 82.61278 83.01382 83.03867 82.75161 78.88454

## # A tibble: 1 x 11  
## r.squared adj.r.squared sigma statistic p.value df logLik AIC BIC  
## <dbl> <dbl> <dbl> <dbl> <dbl> <int> <dbl> <dbl> <dbl>  
## 1 0.0713 0.00388 2.75 1.06 0.399 10 -321. 663. 695.  
## # … with 2 more variables: deviance <dbl>, df.residual <int>

|  |  |  |
| --- | --- | --- |
| term | estimate | p.value |
| (Intercept) | 83.331 | 0.000 |
| fuel\_used\_for\_cooking\_percent\_wood\_dung | -1.912 | 0.728 |
| percent\_public\_source | -0.020 | 0.410 |
| percent\_private\_toilet | -0.003 | 0.678 |
| percent\_employed | -4.012 | 0.282 |
| percent\_without\_hs\_education | -1.033 | 0.578 |
| percent\_caste | 0.027 | 0.330 |
| median\_age | 0.040 | 0.522 |
| percent\_female | 0.116 | 0.804 |
| percent\_marital\_status | 0.001 | 0.972 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| dbp | fuel\_used\_for\_cooking\_percent\_wood\_dung | percent\_public\_source | percent\_private\_toilet | percent\_employed | percent\_without\_hs\_education | percent\_caste | median\_age | percent\_female | percent\_marital\_status | .fitted | .se.fit | .resid | .hat | .sigma | .cooksd | .std.resid |
| 85 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5405405 | 0.0270270 | 0.5675676 | 43.08108 | 0.7017544 | 0.8108108 | 82.69139 | 0.6330816 | 2.3086081 | 0.0528132 | 2.757683 | 0.0041342 | 0.8610811 |
| 82 | 0.0000000 | 0.0789474 | 0.7368421 | 0.5789474 | 0.0263158 | 0.2368421 | 42.89474 | 0.6666667 | 0.7631579 | 82.78562 | 0.5948009 | -0.7856192 | 0.0466194 | 2.765013 | 0.0004171 | -0.2920725 |
| 84 | 0.0277778 | 0.0555556 | 0.4722222 | 0.4444444 | 0.3055556 | 0.7500000 | 45.33333 | 0.7142857 | 0.8947368 | 83.10266 | 0.3771682 | 0.8973412 | 0.0187453 | 2.764758 | 0.0002066 | 0.3288353 |
| 84 | 0.0000000 | 0.1538462 | 0.7692308 | 0.6153846 | 0.0000000 | 0.4615385 | 47.07692 | 0.7000000 | 100.0000000 | 82.90276 | 1.6297382 | 1.0972355 | 0.3499928 | 2.763241 | 0.0131415 | 0.4940290 |
| 86 | 0.0277778 | 0.1944444 | 0.8333333 | 0.3888889 | 0.2500000 | 0.3888889 | 52.50000 | 0.6909091 | 0.9166667 | 83.65461 | 0.6314437 | 2.3453910 | 0.0525403 | 2.757419 | 0.0042425 | 0.8746747 |
| 83 | 0.0000000 | 0.3076923 | 0.7435897 | 0.5128205 | 0.2820513 | 0.4871795 | 38.35897 | 0.6551724 | 0.7435897 | 82.60543 | 0.3790186 | 0.3945719 | 0.0189297 | 2.765731 | 0.0000403 | 0.1446065 |
| 85 | 0.0000000 | 0.1351351 | 0.5405405 | 0.6486486 | 0.3513514 | 0.9189189 | 44.00000 | 0.7017544 | 0.7837838 | 82.23685 | 0.7124288 | 2.7631485 | 0.0668815 | 2.753913 | 0.0077280 | 1.0383589 |
| 85 | 0.0526316 | 0.3947368 | 0.9473684 | 0.5789474 | 0.2631579 | 100.0000000 | 39.57895 | 0.6666667 | 0.8157895 | 85.03553 | 2.7541466 | -0.0355289 | 0.9995337 | 2.761983 | 76.4626426 | -0.5972546 |
| 81 | 0.0000000 | 0.2777778 | 0.3611111 | 0.4166667 | 0.4722222 | 0.0000000 | 47.72222 | 0.6153846 | 0.8055556 | 83.15482 | 0.6805699 | -2.1548192 | 0.0610336 | 2.758687 | 0.0042356 | -0.8072303 |
| 83 | 0.0000000 | 0.1500000 | 0.8500000 | 0.4250000 | 0.3500000 | 0.0750000 | 38.47500 | 0.6666667 | 0.8000000 | 82.88523 | 0.5208061 | 0.1147699 | 0.0357417 | 2.765944 | 0.0000067 | 0.0424270 |
| 84 | 0.0000000 | 0.1071429 | 0.9285714 | 0.6666667 | 0.3392857 | 0.6785714 | 40.00000 | 0.6666667 | 0.9107143 | 82.00517 | 0.6631285 | 1.9948289 | 0.0579454 | 2.759750 | 0.0034237 | 0.7460695 |
| 79 | 0.0000000 | 0.0344828 | 0.9137931 | 0.4655172 | 0.2068966 | 0.4137931 | 38.31034 | 0.6666667 | 0.8965517 | 82.87534 | 0.4821441 | -3.8753357 | 0.0306321 | 2.743101 | 0.0064512 | -1.4288173 |
| 85 | 0.0000000 | 0.3818182 | 0.8000000 | 0.4909091 | 0.2727273 | 0.8727273 | 40.41818 | 0.6585366 | 0.8909091 | 82.79515 | 0.3266442 | 2.2048527 | 0.0140596 | 2.758709 | 0.0009265 | 0.8060573 |
| 84 | 0.0000000 | 0.1636364 | 0.8909091 | 0.4909091 | 0.1818182 | 0.6545455 | 36.41818 | 0.6746988 | 0.8909091 | 82.72831 | 0.5639097 | 1.2716883 | 0.0419027 | 2.763483 | 0.0009728 | 0.4716149 |
| 87 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4545455 | 0.0606061 | 0.2121212 | 51.18182 | 0.6250000 | 0.8181818 | 83.30920 | 0.4799251 | 3.6907983 | 0.0303508 | 2.745240 | 0.0057944 | 1.3605818 |
| 76 | 0.0263158 | 0.8684211 | 0.1315789 | 0.7368421 | 0.4736842 | 0.8157895 | 38.05263 | 0.6896552 | 0.9210526 | 81.44953 | 0.8804740 | -5.4495307 | 0.1021542 | 2.716919 | 0.0495900 | -2.0877087 |
| 82 | 0.0000000 | 0.2702703 | 0.7837838 | 0.4594595 | 0.1891892 | 0.5945946 | 44.56757 | 0.6785714 | 0.8648649 | 83.17135 | 0.3179054 | -1.1713546 | 0.0133174 | 2.763920 | 0.0002473 | -0.4280666 |
| 83 | 0.1025641 | 0.0256410 | 0.9487179 | 0.5897436 | 0.2820513 | 0.6923077 | 37.74359 | 0.6551724 | 0.9487179 | 82.08678 | 0.6434179 | 0.9132216 | 0.0545519 | 2.764668 | 0.0006707 | 0.3409330 |
| 82 | 0.0000000 | 0.2105263 | 0.9473684 | 0.4210526 | 0.5263158 | 0.6315789 | 45.21053 | 0.6666667 | 0.8421053 | 83.00347 | 0.6855913 | -1.0034673 | 0.0619375 | 2.764387 | 0.0009339 | -0.3760962 |
| 82 | 0.0000000 | 0.0263158 | 0.8947368 | 0.4473684 | 0.2105263 | 0.2894737 | 41.21053 | 0.6896552 | 0.8947368 | 83.06045 | 0.3914573 | -1.0604460 | 0.0201926 | 2.764277 | 0.0003117 | -0.3888928 |
| 86 | 0.0540541 | 0.7837838 | 0.5675676 | 0.5405405 | 0.7297297 | 0.1621622 | 38.72973 | 0.6071429 | 0.9729730 | 81.91992 | 0.7966733 | 4.0800762 | 0.0836342 | 2.739136 | 0.0218477 | 1.5471966 |
| 87 | 0.0000000 | 0.1500000 | 0.9000000 | 0.5500000 | 0.1500000 | 0.4250000 | 42.02500 | 0.6666667 | 0.9250000 | 82.74245 | 0.4061845 | 4.2575454 | 0.0217405 | 2.738597 | 0.0054263 | 1.5625860 |
| 87 | 0.0000000 | 0.6923077 | 0.6666667 | 0.4871795 | 0.4102564 | 0.0256410 | 40.51282 | 0.6779661 | 0.8205128 | 82.64499 | 0.3980137 | 4.3550065 | 0.0208747 | 2.737348 | 0.0054418 | 1.5976489 |
| 88 | 0.0000000 | 0.8461538 | 0.6923077 | 0.4615385 | 0.3076923 | 0.2307692 | 45.38462 | 0.6779661 | 0.9230769 | 83.05214 | 0.3640579 | 4.9478618 | 0.0174648 | 2.729100 | 0.0058362 | 1.8119874 |
| 86 | 0.0000000 | 0.5365854 | 0.6585366 | 0.3902439 | 0.3170732 | 0.3658537 | 41.92683 | 0.6774194 | 0.9512195 | 83.19951 | 0.5108745 | 2.8004942 | 0.0343916 | 2.754002 | 0.0038119 | 1.0345365 |
| 84 | 0.0769231 | 0.3333333 | 0.7179487 | 0.5384615 | 0.3589744 | 0.7435897 | 41.00000 | 0.6779661 | 0.9487179 | 82.39151 | 0.4473150 | 1.6084901 | 0.0263664 | 2.762056 | 0.0009482 | 0.5917418 |
| 85 | 0.0000000 | 0.4102564 | 0.7179487 | 0.4102564 | 0.1282051 | 0.2051282 | 44.56410 | 0.6551724 | 0.9743590 | 83.41566 | 0.4407691 | 1.5843356 | 0.0256003 | 2.762176 | 0.0008918 | 0.5826266 |
| 89 | 0.0000000 | 0.1538462 | 0.7948718 | 0.4615385 | 0.1538462 | 0.0512821 | 45.17949 | 0.6779661 | 0.9487179 | 83.21150 | 0.3344924 | 5.7885012 | 0.0147433 | 2.715524 | 0.0067058 | 2.1169135 |
| 85 | 0.0000000 | 0.9250000 | 0.8250000 | 0.4500000 | 0.6250000 | 0.1750000 | 40.80000 | 0.6666667 | 0.9500000 | 82.58168 | 0.7333884 | 2.4183221 | 0.0708747 | 2.756698 | 0.0063270 | 0.9107280 |
| 90 | 0.0000000 | 0.2307692 | 0.8974359 | 0.5128205 | 0.2307692 | 0.1538462 | 42.28205 | 0.6551724 | 0.8205128 | 82.80810 | 0.3049595 | 7.1919041 | 0.0122548 | 2.687904 | 0.0085611 | 2.6268369 |
| 84 | 0.0000000 | 0.1750000 | 0.7750000 | 0.5000000 | 0.1750000 | 0.2500000 | 37.27500 | 0.6666667 | 0.9000000 | 82.72138 | 0.5189868 | 1.2786217 | 0.0354925 | 2.763472 | 0.0008219 | 0.4726078 |
| 84 | 0.0000000 | 0.1025641 | 0.7948718 | 0.3589744 | 0.1794872 | 0.2564103 | 44.94872 | 0.6551724 | 0.9487179 | 83.59128 | 0.5459491 | 0.4087239 | 0.0392760 | 2.765709 | 0.0000937 | 0.1513709 |
| 82 | 0.0000000 | 0.0270270 | 100.0000000 | 0.5945946 | 0.0270270 | 0.0270270 | 42.32432 | 0.7017544 | 0.7837838 | 82.42925 | 0.7212962 | -0.4292516 | 0.0685568 | 2.765674 | 0.0001919 | -0.1614527 |
| 83 | 0.0263158 | 0.4736842 | 0.9210526 | 0.4473684 | 0.2631579 | 0.8157895 | 45.28947 | 0.6896552 | 0.8157895 | 83.12504 | 0.3465812 | -0.1250360 | 0.0158283 | 2.765941 | 0.0000034 | -0.0457521 |
| 86 | 0.0256410 | 0.2307692 | 0.9743590 | 0.5384615 | 0.1538462 | 0.4102564 | 43.20513 | 0.6551724 | 0.9230769 | 82.77962 | 0.3889545 | 3.2203844 | 0.0199352 | 2.750369 | 0.0028363 | 1.1808426 |
| 90 | 0.0000000 | 0.0188679 | 100.0000000 | 0.3773585 | 0.0754717 | 0.1320755 | 47.32075 | 0.6750000 | 0.9811321 | 83.45172 | 0.5987504 | 6.5482781 | 0.0472405 | 2.699010 | 0.0294053 | 2.4352702 |
| 82 | 0.0000000 | 0.0526316 | 0.9473684 | 0.3157895 | 0.0789474 | 0.0000000 | 51.84211 | 0.6666667 | 0.8684211 | 84.14029 | 0.6757166 | -2.1402880 | 0.0601662 | 2.758792 | 0.0041117 | -0.8014166 |
| 84 | 0.0000000 | 0.0000000 | 0.9750000 | 0.5000000 | 0.0250000 | 0.0000000 | 48.85000 | 6.6666667 | 0.8750000 | 84.03554 | 2.7531315 | -0.0355404 | 0.9987971 | 2.764421 | 11.4887496 | -0.3719768 |
| 83 | 0.0000000 | 0.0769231 | 0.8846154 | 0.4230769 | 0.0961538 | 0.0192308 | 46.30769 | 0.6666667 | 0.9423077 | 83.46986 | 0.4192827 | -0.4698570 | 0.0231653 | 2.765632 | 0.0000706 | -0.1725706 |
| 79 | 0.0000000 | 0.8285714 | 0.0285714 | 0.6000000 | 0.4571429 | 0.4000000 | 39.57143 | 0.6274510 | 0.9428571 | 82.10950 | 0.5454196 | -3.1095041 | 0.0391999 | 2.751135 | 0.0054103 | -1.1515592 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3030303 | 0.0000000 | 0.0303030 | 58.81818 | 0.6800000 | 0.7878788 | 84.28805 | 0.7489139 | -3.2880462 | 0.0739073 | 2.748754 | 0.0122766 | -1.2402875 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4000000 | 0.0333333 | 0.0000000 | 51.46667 | 0.6956522 | 0.9000000 | 83.57013 | 0.5062904 | 0.4298686 | 0.0337771 | 2.765684 | 0.0000881 | 0.1587482 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4444444 | 0.0000000 | 0.0000000 | 48.25926 | 0.6829268 | 0.9629630 | 83.29588 | 0.5055460 | -2.2958808 | 0.0336779 | 2.757936 | 0.0025051 | -0.8478130 |
| 83 | 0.0000000 | 0.0263158 | 100.0000000 | 0.5526316 | 0.0526316 | 0.0789474 | 47.07895 | 0.6428571 | 0.9210526 | 82.75694 | 0.5708108 | 0.2430624 | 0.0429346 | 2.765874 | 0.0000365 | 0.0901900 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3947368 | 0.1052632 | 0.0526316 | 52.60526 | 0.6896552 | 0.8947368 | 83.56346 | 0.5400663 | -3.5634588 | 0.0384342 | 2.746488 | 0.0069555 | -1.3191491 |
| 80 | 0.0000000 | 0.0000000 | 0.9666667 | 0.5666667 | 0.0333333 | 0.1000000 | 45.83333 | 0.6666667 | 0.8333333 | 82.94300 | 0.5673174 | -2.9429992 | 0.0424107 | 2.752640 | 0.0052786 | -1.0917223 |
| 84 | 0.0400000 | 0.0000000 | 100.0000000 | 0.5000000 | 0.1000000 | 0.0000000 | 52.08000 | 0.6666667 | 0.9000000 | 83.04482 | 0.5676022 | 0.9551784 | 0.0424533 | 2.764564 | 0.0005567 | 0.3543367 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4761905 | 0.0000000 | 0.0000000 | 49.85714 | 0.6875000 | 0.9047619 | 83.23322 | 0.4887897 | 0.7667829 | 0.0314824 | 2.765072 | 0.0002600 | 0.2828332 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4473684 | 0.0000000 | 0.0263158 | 51.89474 | 0.6428571 | 0.8947368 | 83.42628 | 0.4886782 | -2.4262775 | 0.0314680 | 2.757017 | 0.0026022 | -0.8949426 |
| 85 | 0.0000000 | 0.0000000 | 0.9855072 | 0.4347826 | 0.0144928 | 0.0434783 | 51.10145 | 0.6730769 | 0.8405797 | 83.70251 | 0.5287362 | 1.2974879 | 0.0368385 | 2.763395 | 0.0008809 | 0.4799162 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4615385 | 0.0512821 | 0.0000000 | 58.71795 | 0.6779661 | 0.8974359 | 83.59404 | 0.7399829 | -0.5940422 | 0.0721550 | 2.765406 | 0.0003897 | -0.2238676 |
| 86 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5483871 | 0.0000000 | 0.0000000 | 51.54839 | 0.6521739 | 100.0000000 | 83.06695 | 1.6484602 | 2.9330540 | 0.3580802 | 2.746198 | 0.0985104 | 1.3288971 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4117647 | 0.0000000 | 0.0000000 | 57.94118 | 0.6400000 | 0.9411765 | 83.81112 | 0.6410057 | -4.8111158 | 0.0541436 | 2.729762 | 0.0184591 | -1.7957459 |
| 86 | 0.0000000 | 0.1304348 | 0.8695652 | 0.4347826 | 0.1304348 | 0.1086957 | 49.56522 | 0.6666667 | 0.9565217 | 83.51983 | 0.4355317 | 2.4801703 | 0.0249956 | 2.756677 | 0.0021313 | 0.9117796 |
| 84 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5641026 | 0.1025641 | 0.1282051 | 47.64103 | 0.6551724 | 0.8461538 | 82.68519 | 0.5901959 | 1.3148065 | 0.0459003 | 2.763300 | 0.0011486 | 0.4886261 |
| 80 | 0.0000000 | 0.1315789 | 0.9736842 | 0.4736842 | 0.2105263 | 0.4210526 | 36.39474 | 0.6666667 | 0.8157895 | 82.75987 | 0.5624501 | -2.7598693 | 0.0416861 | 2.754259 | 0.0045559 | -1.0234021 |
| 79 | 0.0000000 | 0.0500000 | 0.9500000 | 0.5250000 | 0.0750000 | 0.5750000 | 36.25000 | 0.7096774 | 0.8250000 | 82.69906 | 0.6784032 | -3.6990596 | 0.0606456 | 2.744473 | 0.0123921 | -1.3854417 |
| 81 | 0.0000000 | 0.0243902 | 0.8536585 | 0.5121951 | 0.1951220 | 0.2682927 | 39.31707 | 0.6984127 | 0.8048780 | 82.74068 | 0.3990049 | -1.7406786 | 0.0209788 | 2.761412 | 0.0008739 | -0.6386078 |
| 81 | 0.0000000 | 0.4594595 | 0.4324324 | 0.4054054 | 0.4594595 | 0.4324324 | 32.35135 | 0.6785714 | 0.9729730 | 82.61090 | 0.8480346 | -1.6109017 | 0.0947655 | 2.761748 | 0.0039545 | -0.6146108 |
| 83 | 0.0000000 | 0.0512821 | 0.8717949 | 0.5128205 | 0.2307692 | 0.5384615 | 37.58974 | 0.6779661 | 0.8205128 | 82.63638 | 0.4407211 | 0.3636207 | 0.0255948 | 2.765765 | 0.0000470 | 0.1337182 |
| 82 | 0.2549020 | 0.3421053 | 0.7894737 | 0.6052632 | 0.7368421 | 0.1052632 | 39.05263 | 0.6428571 | 0.9473684 | 81.29265 | 1.3743710 | 0.7073520 | 0.2489037 | 2.764985 | 0.0029089 | 0.2962780 |
| 85 | 0.0000000 | 0.1538462 | 0.8974359 | 0.5128205 | 0.2051282 | 0.0769231 | 42.38462 | 0.6551724 | 0.9487179 | 82.83821 | 0.3154532 | 2.1617875 | 0.0131127 | 2.758996 | 0.0008291 | 0.7899342 |
| 80 | 0.0000000 | 0.0000000 | 0.8333333 | 0.4166667 | 0.0000000 | 0.0000000 | 56.08333 | 0.6666667 | 100.0000000 | 84.04846 | 1.6588221 | -4.0484587 | 0.3625960 | 2.727912 | 0.1927508 | -1.8407465 |
| 83 | 0.0000000 | 0.0000000 | 0.9729730 | 0.4054054 | 0.1621622 | 0.0000000 | 45.86486 | 0.6545455 | 0.7837838 | 83.45406 | 0.4156521 | -0.4540597 | 0.0227658 | 2.765655 | 0.0000648 | -0.1667344 |
| 84 | 0.0000000 | 0.2666667 | 0.8000000 | 0.4666667 | 0.2666667 | 0.1333333 | 38.66667 | 0.6956522 | 0.9333333 | 82.81467 | 0.4268963 | 1.1853345 | 0.0240142 | 2.763848 | 0.0004668 | 0.4355428 |
| 82 | 0.0256410 | 0.0512821 | 0.8974359 | 0.4871795 | 0.4102564 | 0.7692308 | 41.23077 | 0.6551724 | 0.9230769 | 82.65485 | 0.3789079 | -0.6548495 | 0.0189187 | 2.765322 | 0.0001111 | -0.2399942 |
| 83 | 0.0500000 | 0.2500000 | 0.7000000 | 0.5000000 | 0.4250000 | 0.4250000 | 39.45000 | 0.6666667 | 0.9750000 | 82.45851 | 0.4173315 | 0.5414872 | 0.0229502 | 2.765524 | 0.0000929 | 0.1988573 |
| 84 | 0.0000000 | 0.2500000 | 0.6500000 | 0.5000000 | 0.3250000 | 0.4500000 | 39.22500 | 0.6666667 | 0.8500000 | 82.64911 | 0.3535388 | 1.3508917 | 0.0164701 | 2.763236 | 0.0004094 | 0.4944683 |
| 84 | 0.0000000 | 0.1351351 | 0.8918919 | 0.5675676 | 0.2972973 | 0.4324324 | 39.56757 | 0.6545455 | 0.9459459 | 82.42019 | 0.3872843 | 1.5798090 | 0.0197644 | 2.762220 | 0.0006765 | 0.5792300 |
| 83 | 0.0000000 | 0.2500000 | 0.8888889 | 0.6666667 | 0.4166667 | 0.6111111 | 38.33333 | 0.6666667 | 0.9444444 | 81.85368 | 0.6709729 | 1.1463230 | 0.0593244 | 2.763911 | 0.0011609 | 0.4290409 |
| 78 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5454545 | 0.0000000 | 0.0000000 | 48.70455 | 0.6461538 | 0.9090909 | 82.90417 | 0.5792395 | -4.9041683 | 0.0442120 | 2.728732 | 0.0153381 | -1.8209426 |
| 83 | 0.0000000 | 0.0000000 | 0.9607843 | 0.5294118 | 0.0000000 | 0.0196078 | 49.07843 | 0.6578947 | 0.9019608 | 83.25416 | 0.5812907 | -0.2541643 | 0.0445256 | 2.765865 | 0.0000415 | -0.0943880 |
| 78 | 0.0000000 | 0.0000000 | 0.9285714 | 0.3928571 | 0.0000000 | 0.0000000 | 48.75000 | 0.6666667 | 0.8214286 | 83.78941 | 0.5481275 | -5.7894058 | 0.0395901 | 2.714190 | 0.0189568 | -2.1444570 |
| 81 | 0.0975610 | 0.3414634 | 0.2439024 | 0.5609756 | 0.7317073 | 0.2195122 | 36.58537 | 0.6774194 | 0.7804878 | 81.68590 | 0.8206828 | -0.6858962 | 0.0887512 | 2.765206 | 0.0006626 | -0.2608264 |
| 83 | 0.0000000 | 0.0000000 | 0.9333333 | 0.5833333 | 0.0166667 | 0.0333333 | 43.21667 | 0.6813187 | 0.9333333 | 82.78820 | 0.6122747 | 0.2117974 | 0.0493987 | 2.765895 | 0.0000323 | 0.0788557 |
| 82 | 0.0000000 | 0.0750000 | 0.9000000 | 0.4250000 | 0.2250000 | 0.1000000 | 48.42500 | 0.6666667 | 0.9500000 | 83.41637 | 0.4227654 | -1.4163715 | 0.0235517 | 2.762943 | 0.0006530 | -0.5203124 |
| 78 | 0.0000000 | 0.5263158 | 0.5789474 | 0.5526316 | 0.4736842 | 0.3684211 | 40.65789 | 0.6428571 | 0.9736842 | 82.33166 | 0.4998508 | -4.3316626 | 0.0329234 | 2.737302 | 0.0087039 | -1.5989536 |
| 84 | 0.0000000 | 0.6000000 | 0.3500000 | 0.5500000 | 0.4750000 | 0.1000000 | 41.90000 | 0.6666667 | 0.9000000 | 82.38529 | 0.5258479 | 1.6147084 | 0.0364371 | 2.761985 | 0.0013483 | 0.5971257 |
| 82 | 0.0000000 | 0.0263158 | 0.9736842 | 0.5000000 | 0.0526316 | 0.0000000 | 55.31579 | 0.6666667 | 0.8421053 | 83.56838 | 0.7523596 | -1.5683796 | 0.0745889 | 2.762055 | 0.0028231 | -0.5918280 |
| 84 | 0.0256410 | 0.0000000 | 100.0000000 | 0.5641026 | 0.0512821 | 0.0000000 | 53.66667 | 0.6779661 | 0.8205128 | 82.93042 | 0.7209068 | 1.0695775 | 0.0684828 | 2.764159 | 0.0011897 | 0.4022801 |
| 84 | 0.0000000 | 0.0303030 | 100.0000000 | 0.3636364 | 0.0000000 | 0.0303030 | 55.03030 | 0.6800000 | 0.7272727 | 83.89199 | 0.5819516 | 0.1080118 | 0.0446269 | 2.765947 | 0.0000075 | 0.0401140 |
| 89 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3750000 | 0.0000000 | 0.0000000 | 48.41667 | 0.6666667 | 0.8750000 | 83.57891 | 0.6002783 | 5.4210945 | 0.0474820 | 2.720243 | 0.0202665 | 2.0163320 |
| 76 | 0.0000000 | 0.9750000 | 0.0000000 | 0.5500000 | 0.5250000 | 0.3750000 | 36.35000 | 0.6206897 | 0.9750000 | 82.10626 | 0.5425343 | -6.1062587 | 0.0387862 | 2.708355 | 0.0206258 | -2.2608767 |
| 80 | 0.0000000 | 100.0000000 | 0.0000000 | 0.5405405 | 0.6216216 | 0.6756757 | 37.75676 | 0.6296296 | 0.9459459 | 80.12380 | 2.4539580 | -0.1237993 | 0.7935195 | 2.765855 | 0.0037589 | -0.0988987 |
| 81 | 0.0000000 | 0.2931034 | 0.6896552 | 0.5344828 | 0.1896552 | 0.3275862 | 38.58621 | 0.6511628 | 0.9655172 | 82.61880 | 0.4350366 | -1.6188040 | 0.0249388 | 2.762012 | 0.0009058 | -0.5951001 |
| 84 | 0.0000000 | 0.0000000 | 0.9148936 | 0.5744681 | 0.1914894 | 0.4255319 | 39.82979 | 0.6571429 | 0.8510638 | 82.51503 | 0.4425241 | 1.4849696 | 0.0258046 | 2.762636 | 0.0007901 | 0.5461428 |
| 83 | 0.0000000 | 0.1666667 | 0.8333333 | 0.6666667 | 0.3611111 | 0.7500000 | 39.83333 | 0.6666667 | 0.7222222 | 81.97684 | 0.6677294 | 1.0231603 | 0.0587522 | 2.764330 | 0.0009148 | 0.3828277 |
| 85 | 0.0000000 | 0.0000000 | 0.7068966 | 0.5517241 | 0.2586207 | 0.5172414 | 42.68966 | 0.6511628 | 0.8965517 | 82.65430 | 0.3622355 | 2.3456992 | 0.0172904 | 2.757723 | 0.0012981 | 0.8589570 |
| 85 | 0.0000000 | 0.0869565 | 0.7391304 | 0.5652174 | 0.2826087 | 0.2608696 | 38.41304 | 0.6666667 | 0.8913043 | 82.39645 | 0.4042984 | 2.6035539 | 0.0215391 | 2.755764 | 0.0020095 | 0.9554468 |
| 83 | 0.0000000 | 0.0000000 | 0.9743590 | 0.5384615 | 0.3333333 | 0.2564103 | 41.10256 | 0.6551724 | 0.9743590 | 82.55920 | 0.3468229 | 0.4408002 | 0.0158503 | 2.765674 | 0.0000419 | 0.1612957 |
| 84 | 0.0175439 | 0.0000000 | 0.9824561 | 0.3859649 | 0.0350877 | 0.0350877 | 48.07018 | 0.6588235 | 0.8947368 | 83.71990 | 0.5501737 | 0.2801007 | 0.0398862 | 2.765845 | 0.0000447 | 0.1037683 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4531250 | 0.0312500 | 0.0156250 | 44.62500 | 0.6666667 | 0.9062500 | 83.08122 | 0.5818793 | -0.0812160 | 0.0446159 | 2.765954 | 0.0000042 | -0.0301623 |
| 81 | 0.0169492 | 0.1355932 | 0.7796610 | 0.4915254 | 0.2711864 | 0.2372881 | 39.61017 | 0.6590909 | 0.8474576 | 82.71699 | 0.3513105 | -1.7169931 | 0.0162632 | 2.761557 | 0.0006528 | -0.6284066 |
| 82 | 0.0000000 | 0.2131148 | 0.9672131 | 0.5081967 | 0.4426230 | 0.1147541 | 43.09836 | 0.6739130 | 0.8852459 | 82.64195 | 0.4707772 | -0.6419532 | 0.0292048 | 2.765341 | 0.0001683 | -0.2365109 |
| 86 | 0.0000000 | 0.0800000 | 0.9800000 | 0.4800000 | 0.1800000 | 0.0000000 | 46.94000 | 0.6486486 | 0.8400000 | 83.17726 | 0.3548729 | 2.8227382 | 0.0165947 | 2.754031 | 0.0018016 | 1.0332752 |
| 78 | 0.0000000 | 0.0526316 | 0.8684211 | 0.5526316 | 0.0526316 | 0.2105263 | 40.13158 | 0.6428571 | 0.9473684 | 82.74977 | 0.5688554 | -4.7497691 | 0.0426410 | 2.731112 | 0.0138308 | -1.7621657 |
| 82 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4000000 | 0.0750000 | 0.0500000 | 47.65000 | 0.6666667 | 0.9500000 | 83.37173 | 0.5450618 | -1.3717335 | 0.0391485 | 2.763085 | 0.0010514 | -0.5079878 |
| 80 | 0.0000000 | 0.0285714 | 0.9142857 | 0.4571429 | 0.0857143 | 0.1142857 | 48.74286 | 0.6792453 | 0.9428571 | 83.44678 | 0.4246965 | -3.4467798 | 0.0237673 | 2.748021 | 0.0039041 | -1.2663348 |
| 78 | 0.0540541 | 0.1081081 | 0.1351351 | 0.5675676 | 0.5405405 | 0.2432432 | 41.59459 | 0.6785714 | 0.8378378 | 82.14720 | 0.5976059 | -4.1472010 | 0.0470601 | 2.739311 | 0.0117451 | -1.5421762 |
| 84 | 0.0000000 | 0.0175439 | 100.0000000 | 0.4561404 | 0.0000000 | 0.0000000 | 53.35088 | 0.6744186 | 0.9473684 | 83.45223 | 0.5153336 | 0.5477678 | 0.0349945 | 2.765508 | 0.0001486 | 0.2024153 |
| 80 | 0.0416667 | 0.2708333 | 0.3125000 | 0.5625000 | 0.6666667 | 0.3541667 | 35.29167 | 0.6666667 | 0.8750000 | 81.80557 | 0.6885574 | -1.8055696 | 0.0624746 | 2.760849 | 0.0030534 | -0.6769154 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.3859649 | 0.0350877 | 0.0175439 | 51.28070 | 0.6744186 | 0.8947368 | 83.61517 | 0.5257295 | 1.3848314 | 0.0364207 | 2.763038 | 0.0009913 | 0.5121119 |
| 80 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4871795 | 0.1025641 | 0.1025641 | 50.97436 | 0.6779661 | 0.8461538 | 83.12976 | 0.5092017 | -3.1297587 | 0.0341667 | 2.751019 | 0.0047276 | -1.1560362 |
| 83 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4102564 | 0.2564103 | 0.3589744 | 50.17949 | 0.6551724 | 0.8205128 | 83.25193 | 0.6157709 | -0.2519256 | 0.0499645 | 2.765866 | 0.0000463 | -0.0938240 |
| 79 | 0.0000000 | 0.0000000 | 100.0000000 | 0.5333333 | 0.0333333 | 0.1333333 | 53.73333 | 0.6666667 | 0.9333333 | 83.12654 | 0.6490198 | -4.1265386 | 0.0555059 | 2.739340 | 0.0139616 | -1.5413383 |
| 82 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4324324 | 0.0000000 | 0.0540541 | 48.21622 | 0.6785714 | 0.7837838 | 83.34322 | 0.5159009 | -1.3432163 | 0.0350716 | 2.763215 | 0.0008955 | -0.4963752 |
| 80 | 0.0000000 | 0.0697674 | 0.9302326 | 0.4186047 | 0.1860465 | 0.0000000 | 38.86047 | 0.6769231 | 0.9534884 | 83.09634 | 0.5738821 | -3.0963443 | 0.0433979 | 2.751196 | 0.0059914 | -1.1491990 |
| 85 | 0.0000000 | 0.0750000 | 100.0000000 | 0.4250000 | 0.1000000 | 0.0250000 | 49.85000 | 0.6885246 | 0.9500000 | 83.33437 | 0.4868914 | 1.6656289 | 0.0312383 | 2.761753 | 0.0012168 | 0.6143013 |
| 82 | 0.0161290 | 0.1774194 | 0.7903226 | 0.4354839 | 0.1935484 | 0.1129032 | 42.54839 | 0.6808511 | 0.8387097 | 83.13995 | 0.3956283 | -1.1399489 | 0.0206252 | 2.764014 | 0.0003682 | -0.4181409 |
| 85 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4750000 | 0.0000000 | 0.0000000 | 52.90000 | 0.6885246 | 0.8250000 | 83.62922 | 0.6180412 | 1.3707784 | 0.0503336 | 2.763055 | 0.0013819 | 0.5106148 |
| 84 | 0.0000000 | 0.1621622 | 0.6756757 | 0.3783784 | 0.3243243 | 0.1891892 | 42.56757 | 0.6785714 | 0.7837838 | 83.26803 | 0.5368658 | 0.7319685 | 0.0379800 | 2.765146 | 0.0002897 | 0.2709019 |
| 86 | 0.0000000 | 0.0555556 | 100.0000000 | 0.5277778 | 0.2777778 | 0.6666667 | 44.08333 | 0.6153846 | 0.8888889 | 82.51604 | 0.5958291 | 3.4839625 | 0.0467807 | 2.747187 | 0.0082348 | 1.2953548 |
| 78 | 0.0000000 | 0.1282051 | 100.0000000 | 0.4615385 | 0.4615385 | 0.5128205 | 36.28205 | 0.6779661 | 0.8205128 | 82.28005 | 0.9242736 | -4.2800514 | 0.1125705 | 2.735459 | 0.0345047 | -1.6492775 |
| 81 | 0.0000000 | 0.6052632 | 0.7105263 | 0.4736842 | 0.5526316 | 0.4210526 | 39.81579 | 0.6428571 | 0.8684211 | 82.53249 | 0.5924022 | -1.5324891 | 0.0462441 | 2.762343 | 0.0015733 | -0.5696269 |
| 86 | 0.0000000 | 0.0476190 | 0.9523810 | 0.4285714 | 0.1269841 | 0.0952381 | 44.69841 | 0.6736842 | 0.8730159 | 83.35455 | 0.4002827 | 2.6454469 | 0.0211133 | 2.755437 | 0.0020320 | 0.9706095 |
| 87 | 0.0000000 | 0.0000000 | 0.9444444 | 0.3888889 | 0.1388889 | 0.0000000 | 50.02778 | 0.6909091 | 0.8888889 | 83.71605 | 0.4913740 | 3.2839530 | 0.0318162 | 2.749546 | 0.0048234 | 1.2115175 |
| 86 | 0.0000000 | 0.0000000 | 0.9473684 | 0.4473684 | 0.0526316 | 0.1578947 | 49.52632 | 0.6666667 | 0.9736842 | 83.55189 | 0.4640960 | 2.4481095 | 0.0283817 | 2.756884 | 0.0023743 | 0.9015601 |
| 83 | 0.0000000 | 0.0263158 | 0.9736842 | 0.3684211 | 0.0000000 | 0.0000000 | 57.63158 | 0.6666667 | 0.9473684 | 84.24383 | 0.7755603 | -1.2438299 | 0.0792601 | 2.763494 | 0.0019060 | -0.4705483 |
| 85 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4358974 | 0.0769231 | 0.0000000 | 53.15385 | 0.6779661 | 0.8461538 | 83.44679 | 0.5178123 | 1.5532095 | 0.0353320 | 2.762287 | 0.0012070 | 0.5740540 |
| 81 | 0.0000000 | 0.0000000 | 0.9000000 | 0.4000000 | 0.0666667 | 0.0666667 | 56.13333 | 0.6956522 | 0.6666667 | 83.99381 | 0.7039206 | -2.9938079 | 0.0652936 | 2.751836 | 0.0088266 | -1.1240820 |
| 84 | 0.0000000 | 0.0810811 | 0.8918919 | 0.5135135 | 0.1351351 | 0.4324324 | 40.02703 | 0.6785714 | 0.9729730 | 82.82693 | 0.4380892 | 1.1730681 | 0.0252900 | 2.763889 | 0.0004827 | 0.4313176 |
| 81 | 0.0500000 | 0.0250000 | 100.0000000 | 0.4750000 | 0.1000000 | 0.2000000 | 41.67500 | 0.6666667 | 0.8250000 | 82.71277 | 0.6949314 | -1.7127726 | 0.0636366 | 2.761356 | 0.0028057 | -0.6425237 |
| 79 | 0.1724138 | 0.8275862 | 0.0000000 | 0.5862069 | 0.2758621 | 0.5862069 | 36.82759 | 0.6511628 | 0.9655172 | 81.92011 | 0.9677154 | -2.9201076 | 0.1234010 | 2.751631 | 0.0180442 | -1.1321658 |
| 79 | 0.0000000 | 0.2162162 | 0.7297297 | 0.5405405 | 0.2972973 | 0.4324324 | 36.10811 | 0.6545455 | 0.9459459 | 82.38841 | 0.4586843 | -3.3884139 | 0.0277237 | 2.748555 | 0.0044370 | -1.2474216 |
| 89 | 0.0270270 | 0.0000000 | 100.0000000 | 0.4594595 | 0.0270270 | 0.1621622 | 49.24324 | 0.6785714 | 0.9729730 | 83.19953 | 0.4979884 | 5.8004688 | 0.0326785 | 2.714365 | 0.0154835 | 2.1408653 |
| 83 | 0.0000000 | 0.3333333 | 0.6944444 | 0.3888889 | 0.3055556 | 0.4166667 | 47.47222 | 0.6415094 | 0.9166667 | 83.44088 | 0.5077248 | -0.4408828 | 0.0339688 | 2.765669 | 0.0000932 | -0.1628318 |
| 85 | 0.0256410 | 0.1538462 | 0.4102564 | 0.4615385 | 0.4615385 | 0.5128205 | 41.10256 | 0.6551724 | 0.8461538 | 82.69180 | 0.4652387 | 2.3081988 | 0.0285217 | 2.757893 | 0.0021217 | 0.8500967 |
| 80 | 0.0000000 | 0.0000000 | 0.9487179 | 0.5128205 | 0.2564103 | 0.3076923 | 44.87179 | 0.6551724 | 0.9743590 | 82.89449 | 0.3375153 | -2.8944946 | 0.0150110 | 2.753436 | 0.0017081 | -1.0586898 |
| 83 | 0.0000000 | 0.0000000 | 0.9117647 | 0.4705882 | 0.0588235 | 0.0294118 | 50.23529 | 0.6400000 | 0.8461538 | 83.47422 | 0.4924084 | -0.4742157 | 0.0319503 | 2.765623 | 0.0001010 | -0.1749600 |
| 86 | 0.0000000 | 0.0263158 | 0.9210526 | 0.6052632 | 0.0526316 | 0.3947368 | 41.84211 | 0.6428571 | 0.9736842 | 82.61278 | 0.6254094 | 3.3872153 | 0.0515409 | 2.748129 | 0.0086621 | 1.2625401 |
| 82 | 0.0000000 | 0.0000000 | 0.9714286 | 0.5428571 | 0.0857143 | 0.1428571 | 46.57143 | 0.6538462 | 0.9142857 | 83.01382 | 0.4808355 | -1.0138153 | 0.0304661 | 2.764406 | 0.0004390 | -0.3737567 |
| 81 | 0.0000000 | 0.0000000 | 0.9090909 | 0.4848485 | 0.1515152 | 0.2727273 | 43.00000 | 0.6530612 | 0.8484848 | 83.03867 | 0.3437843 | -2.0386731 | 0.0155738 | 2.759753 | 0.0008801 | -0.7458778 |
| 81 | 0.0000000 | 0.0000000 | 100.0000000 | 0.4705882 | 0.1470588 | 0.1176471 | 41.00000 | 0.6923077 | 0.8823529 | 82.75161 | 0.6544121 | -1.7516086 | 0.0564321 | 2.761182 | 0.0025626 | -0.6545791 |
| 79 | 0.5526316 | 100.0000000 | 0.0000000 | 0.5789474 | 0.6842105 | 0.6578947 | 38.63158 | 0.6428571 | 0.9210526 | 78.88454 | 2.4546672 | 0.1154601 | 0.7939782 | 2.765869 | 0.0032860 | 0.0923394 |

## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced  
  
## Warning in sqrt(crit \* p \* (1 - hh)/hh): NaNs produced

