

Corrections to *A Solution to the Ecological Inference Problem: Reconstructing Individual Behavior from Aggregate Data* (Princeton University Press), for Reprint Editions \*

Please send any additional corrections to:

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1. Page xv, last line of first paragraph: change “the this” to “this”
2. Page xxi, line 13, insert “Mel Hinich,” after “Jerry Hausman,”
3. Page xxiii, line 13, change “17 July 1996” to “July 17, 1996”
4. Page 4, lines 5,6,7: change “referenda” to “referendum”
5. Page 4, line 10, change “occured” to “occurred”
6. Page 4, line 16: Change “four” to “five”
7. Page 4, footnote 2, Change the text to: “That is, given these aggregate numbers, a minimum of zero females in precinct 1 and 1/3 in precinct 2 (for an average of 1/6ths) could have opposed the referendum, whereas as maximum of 2/3rds and 100% of males (for an average of 5/6ths) in the two precincts could have opposed it. Chapter 5 provides easy graphical methods of making calculations like these.”

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\*All changes since the first printing are included here. An increasing subset of these have been incorporated in the successive reprint editions.

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8. Page 8, line 6 from bottom: change “gives” to “give”
9. Page 9, line 9: change “Worker’s” to “Workers”
10. Page 10, line 6, change “makes” to “make”
11. Page 21, line 17: change “geographers’ ” to “geographers”
12. Page 28, line 9, change “precincts” to “precincts,”
13. Page 32, last full paragraph, lines 6–7: change “the largest” to “one”
14. Page 38, line 17, change “were” to “was”
15. Page 39, footnote 2, line 7, change “estimate to the” to “estimate the”
16. Page 41, line 6, change “cause” to “causes”
17. Page 48, line 4, delete the comma
18. Page 50, line 13, change “efficiency” to “efficiencies”
19. Page 53, 1st paragraph of section 3.4, line 5: change “they are typically either” to “either they are typically”
20. Page 53, 1st paragraph of section 3.4, line 2 from bottom: change “either as” to “as either”
21. Page 57, line 14, change “the the” to “the”
22. Page 61, line 6, change “affects” to “affect”
23. Page 67, 17 lines from the bottom, change “contains” to “contain”
24. Page 69, line 4, change “African-Americans” to “African Americans”
25. Page 78, 16 lines from bottom: change “either for” to “for either”
26. Page 82, line 12, change “are” to “is”
27. Page 82, line 15, change “projects” to “project”
28. Page 82, second to last line, change “blacks” to “black”
29. Page 92, footnote 1, line 3, change “require” to “requires”
30. Page 109, Equation 6.23, Change “ $\sigma_i$ ” to “ $\sigma_i^2$ ”

31. Page 109, Equation 6.23, Change “T” to “ $T_i$ ” in the lower bound of the integral
32. Page 119, line 10 of new section, change “Mcfadden” to “McFadden”
33. Page 122, line 3, change “cross tabulation” to “cross-tabulation”
34. Page 124, line 13-14, change “data based” to “data-based”
35. Page 144, last line of the last equation: Change “ $T_i$ ” to “ $\beta_i^b$ ”
36. Page 135, Equation 7.3, Change “ $\sigma_i$ ” to “ $\sigma_i^2$ ”
37. Page 137, the label on the left graph should be  $\check{\mathfrak{B}}_i^b$
38. Page 151, line 4, change “is” to “are”
39. Page 151, line 10, change “Chapter 15).” to “Chapter 15.)”
40. Page 153, line 4, change “catgories” to “categories”
41. Page 158, para 2, line 5, change “evidence,” to “evidence”
42. Page 161, line 18, change “plots,” to “plots”
43. Page 161, change “the the” to “the”
44. Page 162, line 11, change “are also” to “is also”
45. Page 184, line 11, change “coefficient” to “coefficients”
46. Page 184, line 25, change “simulations is” to “simulations are”
47. Page 185, 14 lines from bottom, change “are found,” to “is found,”
48. Page 188, 5 lines from bottom, change “truncated t” to “truncated  $t$ ”
49. Page 189, line 6, change “affect.” to “effect.”
50. Page 193, last line of 1st para, change “1991).” to “1991.)”
51. Page 196, 5 from bottom, change “of suggestions” to “of the suggestions”
52. Page 196, 1st line of footnote, change “include bias” to “include the bias”
53. Page 199, 3 from bottom, change “who are black” to “who were black”

54. Page 211, 4 lines from bottom of 1st full para, change “mislead” to “misled”
55. Page 211, last line of 2nd full para, change “indicate” to “indicates”
56. Page 212, only full paragraph, line 6: change “higher than” to “below”.
57. Page 231, 2 lines from bottom, change “results,” to “results”
58. Page 233, line 9, change “mislead” to “misled”
59. Page 249, line 15-16, change “compliment” to “complement”
60. Page 256, line 16, change “Doogan” to “Dogan”
61. Page 260, 5 from bottom, change “Hildrith” to “Hildreth”
62. Page 261, line 6, change “results” to “result”
63. Page 262, line 1, change “14.4” to “14.4,”
64. Page 262, 15 from bottom, change “crosssection” to “cross-section”
65. Page 263, line 10, delete comma
66. Page 271, change the set equation after “Then the maximum is” to:

$$\begin{aligned}
\max(\lambda_i^{rc}) &= \frac{\max(N_i^{rc})}{\max(N_i^{rc}) + \min(N_i^{r\bar{c}})} \\
&= \frac{\min(N_i^c, N_i^r)}{\min(N_i^c, N_i^r) + N_i^{\bar{c}} - \min(N_i^{\bar{c}}, N_i^{\bar{r}})} \\
&= \frac{\min(D_i^c, X_i^r)}{\min(D_i^c, X_i^r) + D_i^{\bar{c}} - \min[D_i^{\bar{c}}, (1 - X_i^r)]}
\end{aligned}$$

67. Page 274, line 6, change “c’s” to “c
68. Page 282, line 5, change “obviously” to “obviously,”
69. Page 284, 9 from bottom, change “or separate” to “or to separate”
70. Page 304, 12 from bottom, change “Bayes” to “Bayes’”
71. Page 306, section C.2, line 5, change  $\sigma_b^2$  to  $\check{\sigma}_b^2$ .
72. Page 306, last line of first paragraph, change “ $\check{\sigma}_i^2$ ” to “ $\sigma_i^2$ ”.

73. Page 307, last set line, change “ $\sigma_i$ ” to “ $\sigma_i^2$ ”

74. Page 309, Equation E.1 should be:

$$\hat{P}(\beta_*^b, \beta_*^w) = \frac{1}{c_i \sqrt{2\pi p}} \sum_{i=1}^p \exp\left(-\frac{d_i^2}{2h}\right) \quad (\text{E.1})$$

75. Page 320, line 21, change “*Geographic*” to “*Geographical*”

76. Page 320, line 27, change inference. to inference.”

77. Page 321, line 20, change “Mathemtical” to “Mathematical”

78. Page 326, 12 from bottom, change “Tactile” to “Tactical”

79. Page 327, line 9, change “Psychometrica” to “Psychometrika”

80. Page 329, 17 from bottom, change “Structrual” to “Structural”

81. Page 330, line 23–4, change “Psychometrica” to “Psychometrika”

82. Page 332, line 6, change “Prsby” to “Prysby”

83. Page 334, 19 from bottom, change “Politcial” to “Political”

84. Page 335, line 2, change “Charl” to “Carl”

85. Page 335, 20 from bottom, change “Frances” to “Francis”

86. In the text on the back cover, change “(ecological)” to “(i.e., ecological)” and use the same “about the author” as on the last page of the text instead of what is presently on the back cover.