

Supplementary Material for “Black Candidates and
Black Voters: Assessing the Impact of Candidate Race
on Uncounted Vote Rates”

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Table 10: Nonlinear Least-Squares Estimates of the Multinomial-Dirichlet Model, 1998 General Election

Variable	Contest 1	Contest 2	Contest 3	Contest 4	Contest 5	Contest 6	Contest 7
$\gamma_{1,1}$	-1.39 (0.0107)	-4.03 (0.019)	-3.67 (0.0184)	-3.78 (0.019)	-3.95 (0.0199)	-3.18 (0.0154)	-3.11 (0.0158)
$\gamma_{1,2}$	-1.24 (0.0105)	-0.657 (0.00993)	-0.673 (0.00995)	-0.666 (0.00962)	-0.662 (0.00991)	-0.706 (0.00983)	-0.714 (0.0101)
$\gamma_{2,1}$	-0.941 (0.0166)	-3.5 (0.0211)	-2.7 (0.0186)	-2.66 (0.0206)	-3.46 (0.0255)	-2.63 (0.0225)	-2.35 (0.0194)
$\gamma_{2,2}$	-1.77 (0.022)	-0.636 (0.0178)	-0.709 (0.0179)	-0.716 (0.0186)	-0.639 (0.017)	-0.72 (0.018)	-0.77 (0.018)
$\gamma_{3,1}$	-5.81 (0.176)	-4.49 (0.0369)	-4.44 (0.0485)	-4.63 (0.0502)	-4.28 (0.0493)	-4.3 (0.0761)	-4.21 (0.0731)
$\gamma_{3,2}$	-7.53 (0.0291)	-7.67 (0.0402)	-7.68 (0.0391)	-7.66 (0.0372)	-7.69 (0.0383)	-7.69 (0.0379)	-7.7 (0.0374)

Note: Bootstrap standard-errors are reported in parentheses (1000 replications). Based on 1,127,308 ballots in 3,966 precincts. See Appendix for details.

Table 11: Nonlinear Least-Squares Estimates of the Multinomial-Dirichlet Model, 1998 Democratic Primary

Variable	Contest 1	Contest 2	Contest 3	Contest 4	Contest 5	Contest 6	Contest 7
$\gamma_{1,1}$	-2.31 (0.0317)	-4.15 (0.0696)	-3.21 (0.0522)	-2.62 (0.0358)	-3.7 (0.0632)	-2.51 (0.0378)	-2.87 (0.0452)
$\gamma_{1,2}$	-2.2 (0.0252)	-1.65 (0.0246)	-1.81 (0.0242)	-1.98 (0.0233)	-1.72 (0.0253)	-2.06 (0.0254)	-1.88 (0.025)
$\gamma_{2,1}$	-3.33 (0.0362)	-3.39 (0.0309)	-2.27 (0.0195)	-2.03 (0.0198)	-3.2 (0.0217)	-1.94 (0.019)	-2.18 (0.0182)
$\gamma_{2,2}$	-1.4 (0.0211)	-1.39 (0.0213)	-1.72 (0.0245)	-1.89 (0.0252)	-1.43 (0.0224)	-1.98 (0.0254)	-1.78 (0.0235)
$\gamma_{3,1}$	-4.84 (0.21)	-3.97 (0.0736)	-3.75 (0.113)	-5.29 (0.162)	-3.62 (0.083)	-4.26 (0.204)	-4.26 (0.171)
$\gamma_{3,2}$	-5.62 (0.116)	-6.07 (0.129)	-6.15 (0.099)	-5.27 (0.17)	-6.22 (0.111)	-5.92 (0.106)	-5.92 (0.128)

Note: Bootstrap standard-errors are reported in parentheses (1000 replications). Based on 302,284 ballots in 1,860 precincts. See Appendix for details.

Table 12: Nonlinear Least-Squares Estimates of the Multinomial-Dirichlet Model, 2nd Congressional District, 1998 General Election

Variable	Contest 1	Contest 2	Contest 3	Contest 4	Contest 5	Contest 6	Contest 7	Contest 8
$\gamma_{1,1}$	-1.6 (.0832)	-3.97 (.0828)	-4.01 (.142)	-4.04 (.13)	-3.88 (.0891)	-3.44 (.0947)	-3.38 (.17)	-2.83 (.284)
$\gamma_{1,2}$	-1.2 (.0615)	-.726 (.383)	-.703 (.066)	-.711 (.429)	-.723 (.176)	-.748 (.0615)	-.753 (.0607)	-.826 (.23)
$\gamma_{2,1}$	-.905 (.0356)	-3.62 (.349)	-2.84 (.242)	-2.79 (.31)	-3.64 (.285)	-2.73 (.0516)	-2.45 (.126)	-3.08 (.62)
$\gamma_{2,2}$	-1.55 (.045)	-.546 (.403)	-.587 (.0383)	-.606 (.406)	-.526 (.0377)	-.596 (.038)	-.659 (.536)	-.573 (.341)
$\gamma_{3,1}$	-4.3 (.414)	-3.42 (.123)	-3.39 (.202)	-3.44 (.13)	-3.38 (.171)	-3.38 (.156)	-3.4 (.234)	-3.5 (.305)
$\gamma_{3,2}$	-4.88 (.42)	-5.17 (.835)	-5.21 (.439)	-5.22 (.216)	-5.18 (.762)	-5.19 (.182)	-5.18 (.38)	-5.16 (.222)

Note: Bootstrap standard-errors are reported in parentheses (1000 replications). Based on 152,882 105,633 ballots in 328 precincts. See Appendix for details.