Supplemental Appendix: Numerical Simulations

Monopolistic Data Dumping

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We have numerically solved the first- and second-best problems, for a range of values of the model's parameters. The following is a collection of graphs that illustrate the solutions. A complete table of the numerical results and the original Matlab code are attached as supplementary files.

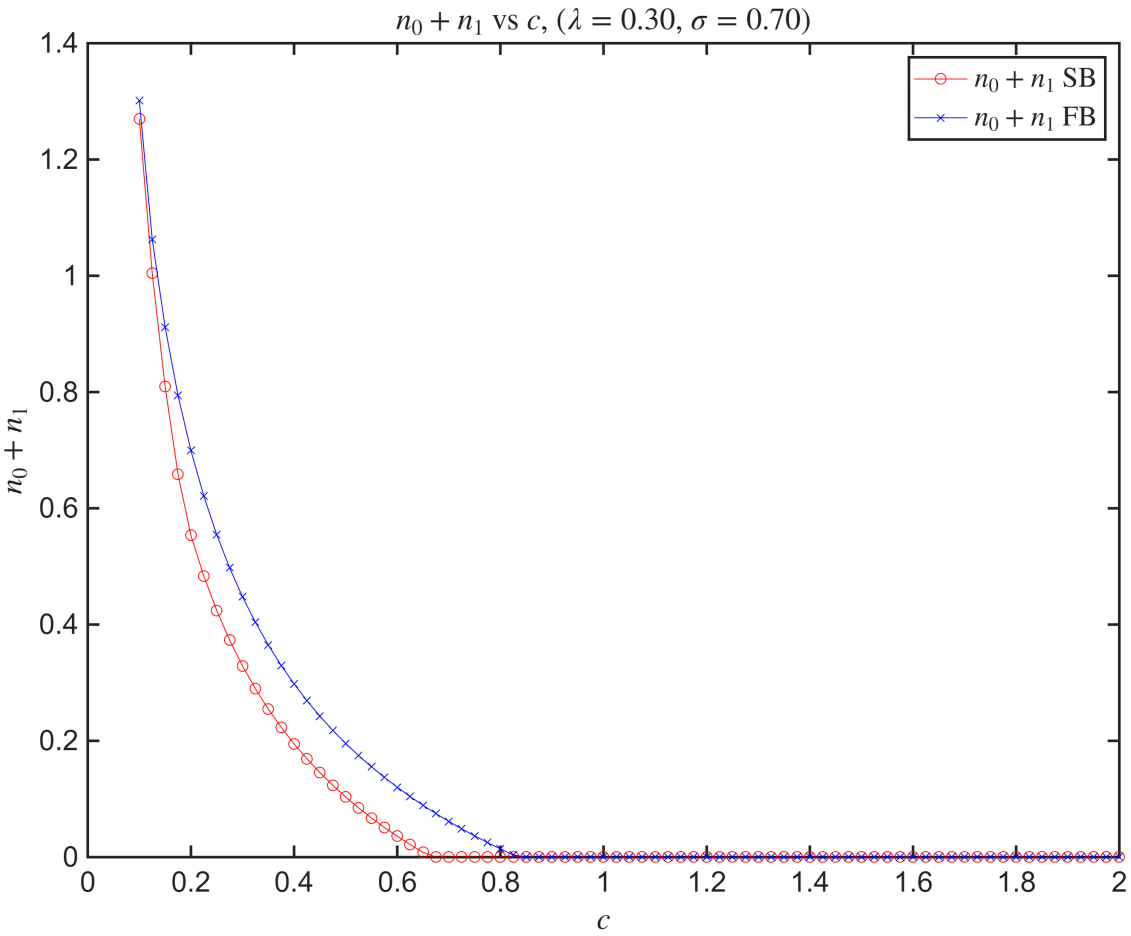

Figure 1: $n_0 + n_1$ vs c, when $\lambda = 0.30$ and $\sigma = 0.70$

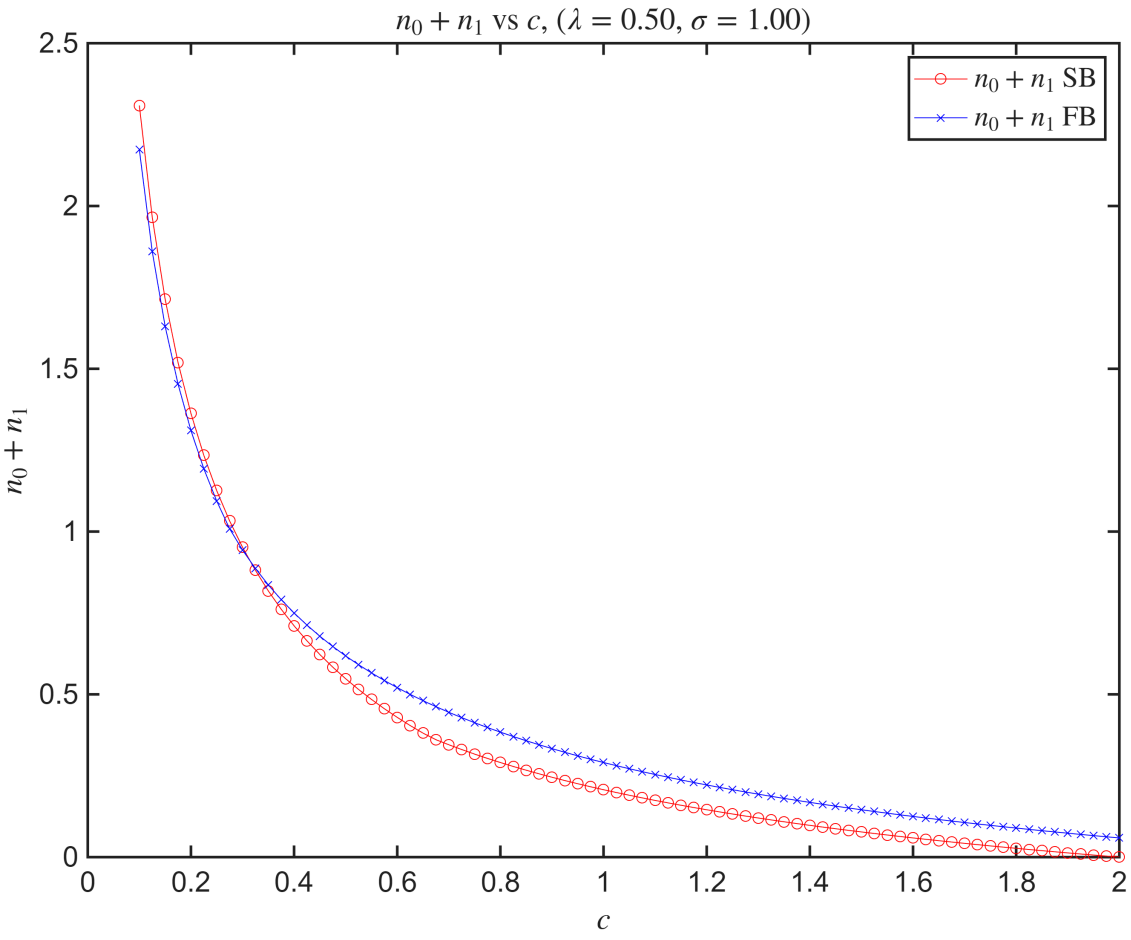

Figure 2: $n_0 + n_1$ vs c, when $\lambda = 0.50$ and $\sigma = 1.00$

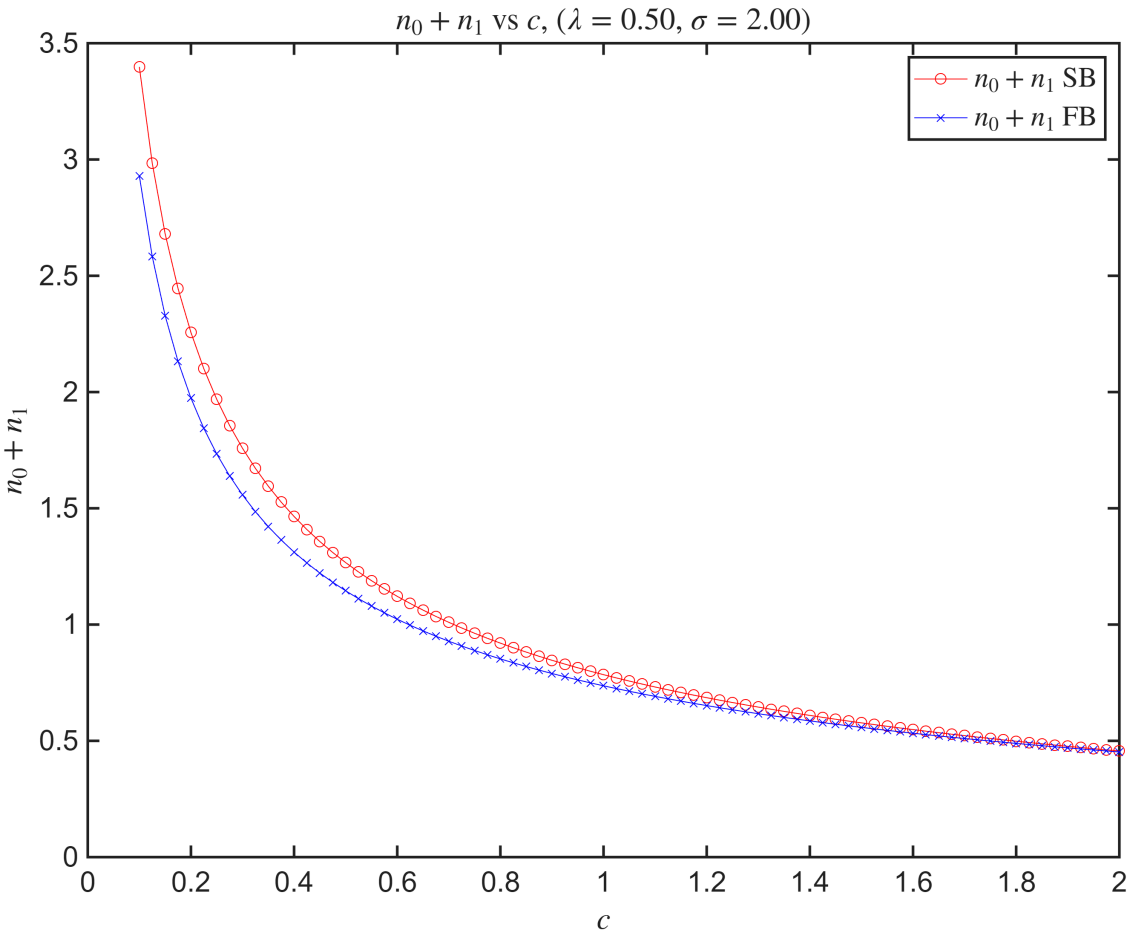

Figure 3: $n_0 + n_1$ vs c, when $\lambda = 0.50$ and $\sigma = 2.00$

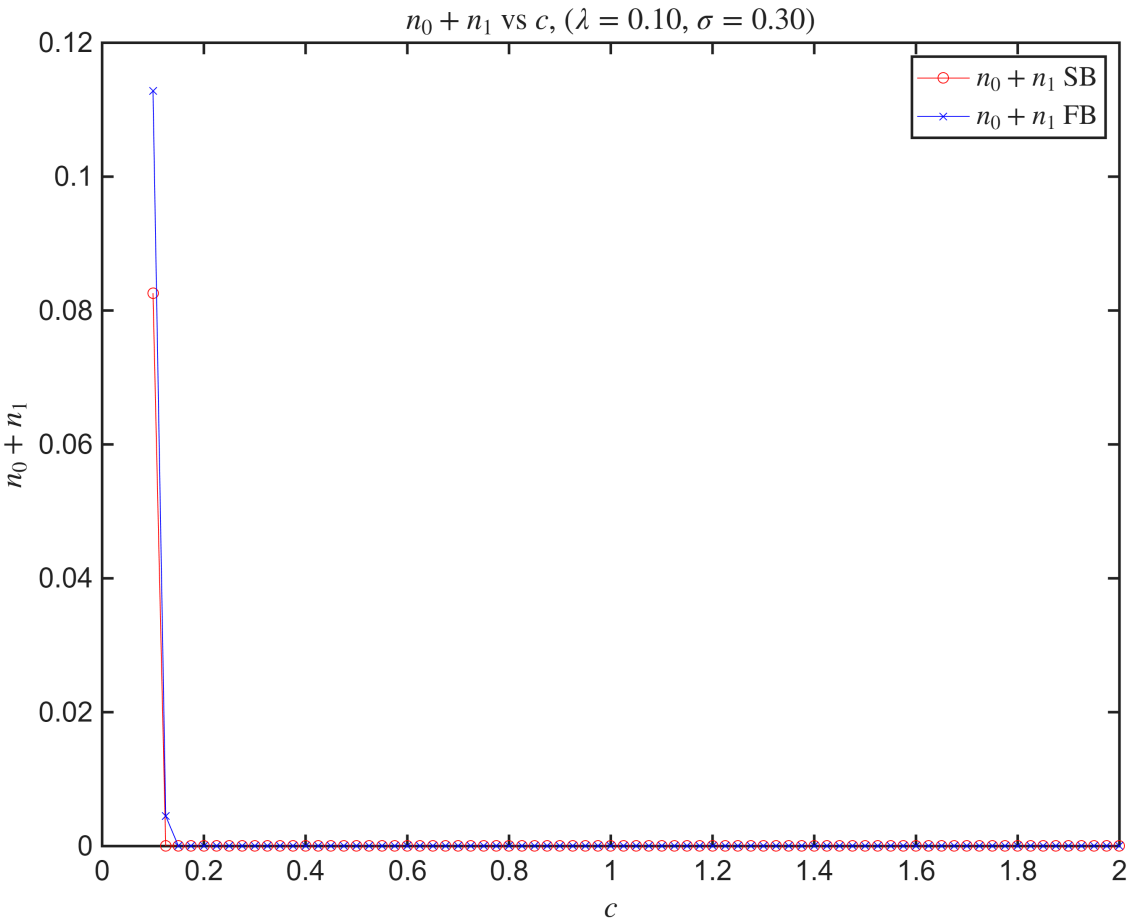

Figure 4: $n_0 + n_1$ vs c, when $\lambda = 0.10$ and $\sigma = 0.30$

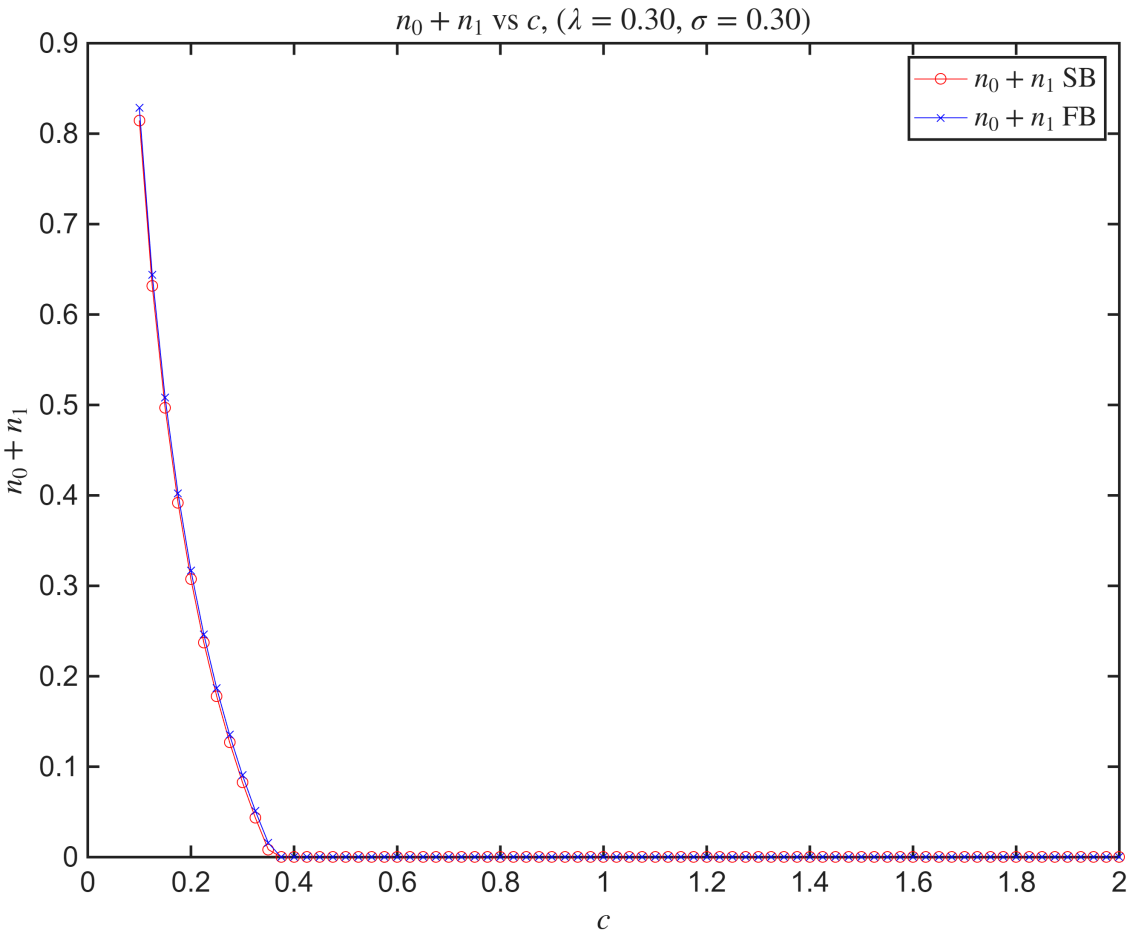

Figure 5: $n_0 + n_1$ vs c, when $\lambda = 0.30$ and $\sigma = 0.30$

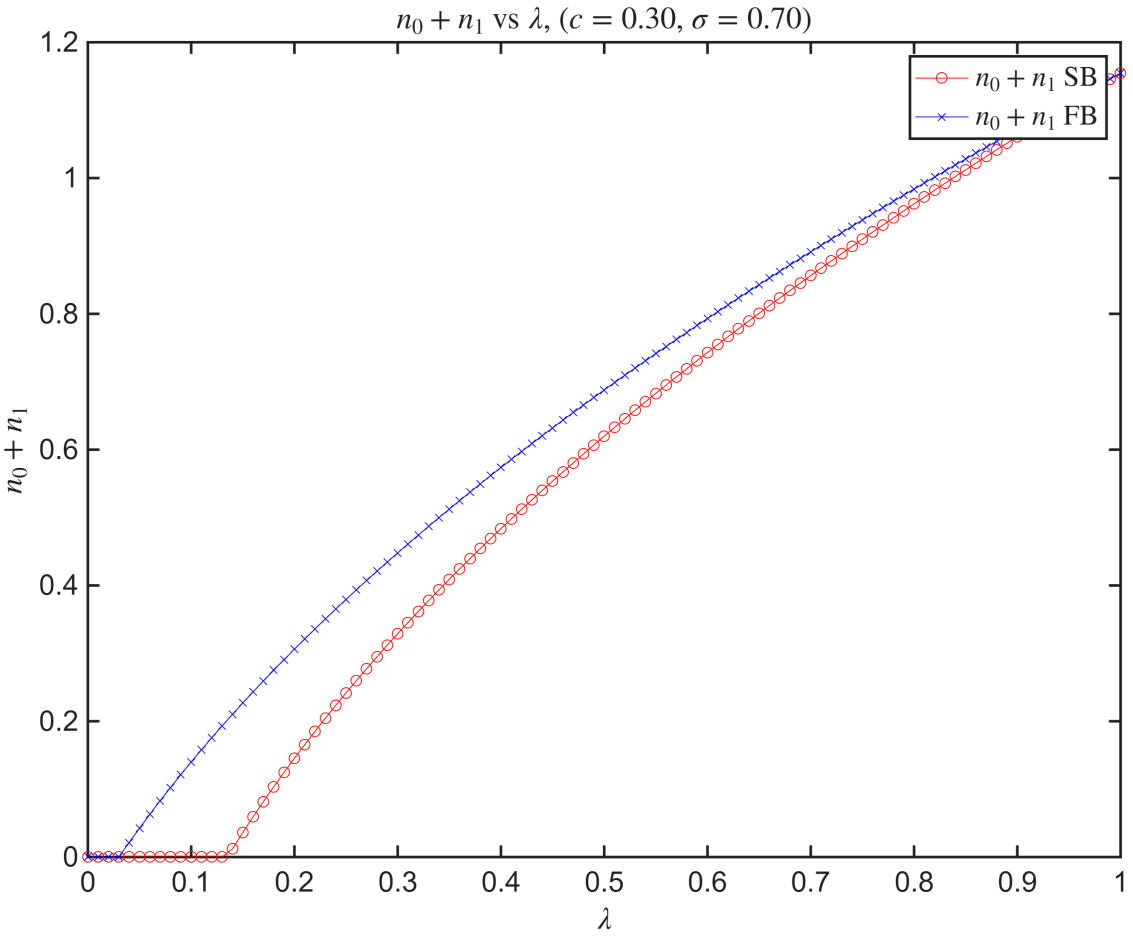

Figure 6: $n_0 + n_1$ vs λ, when $c = 0.30$ and $\sigma = 0.70$

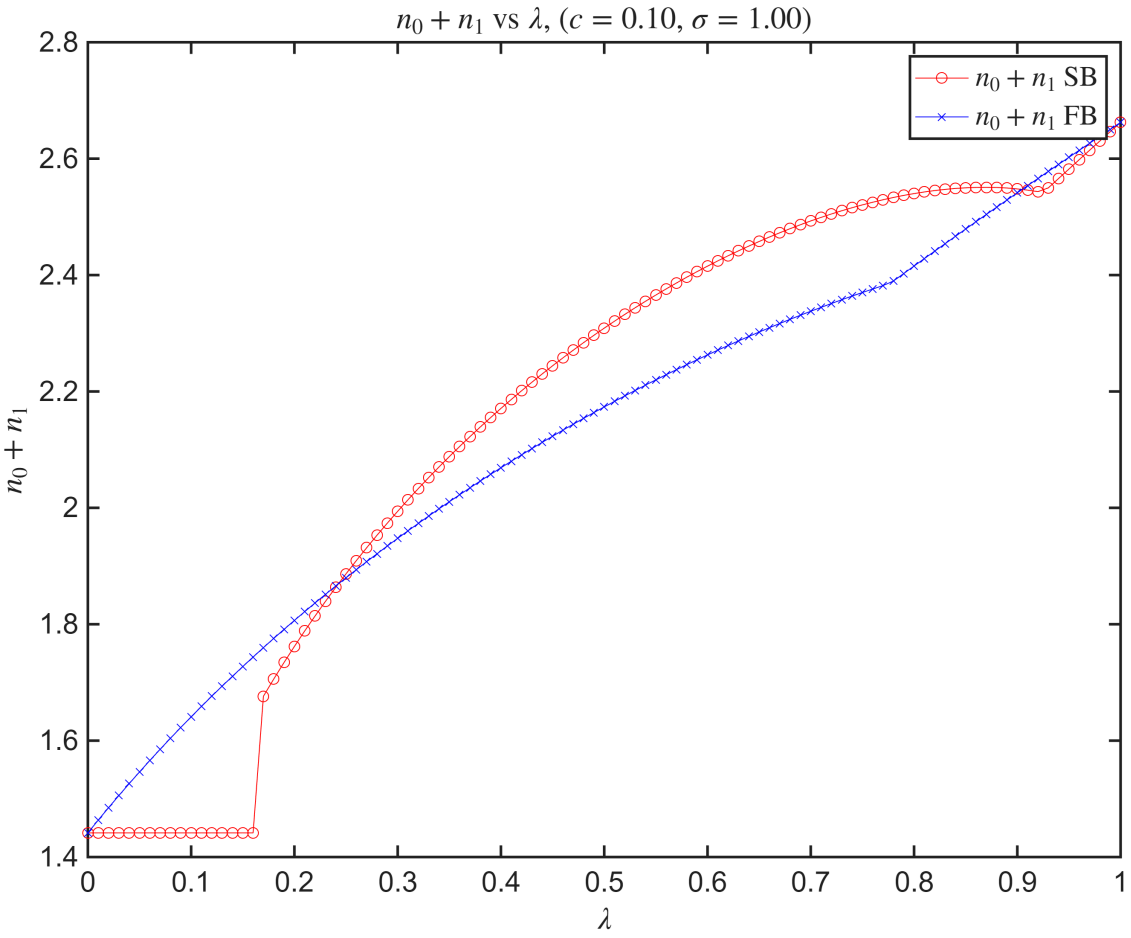

Figure 7: $n_0 + n_1$ vs λ, when $c = 0.10$ and $\sigma = 1.00$

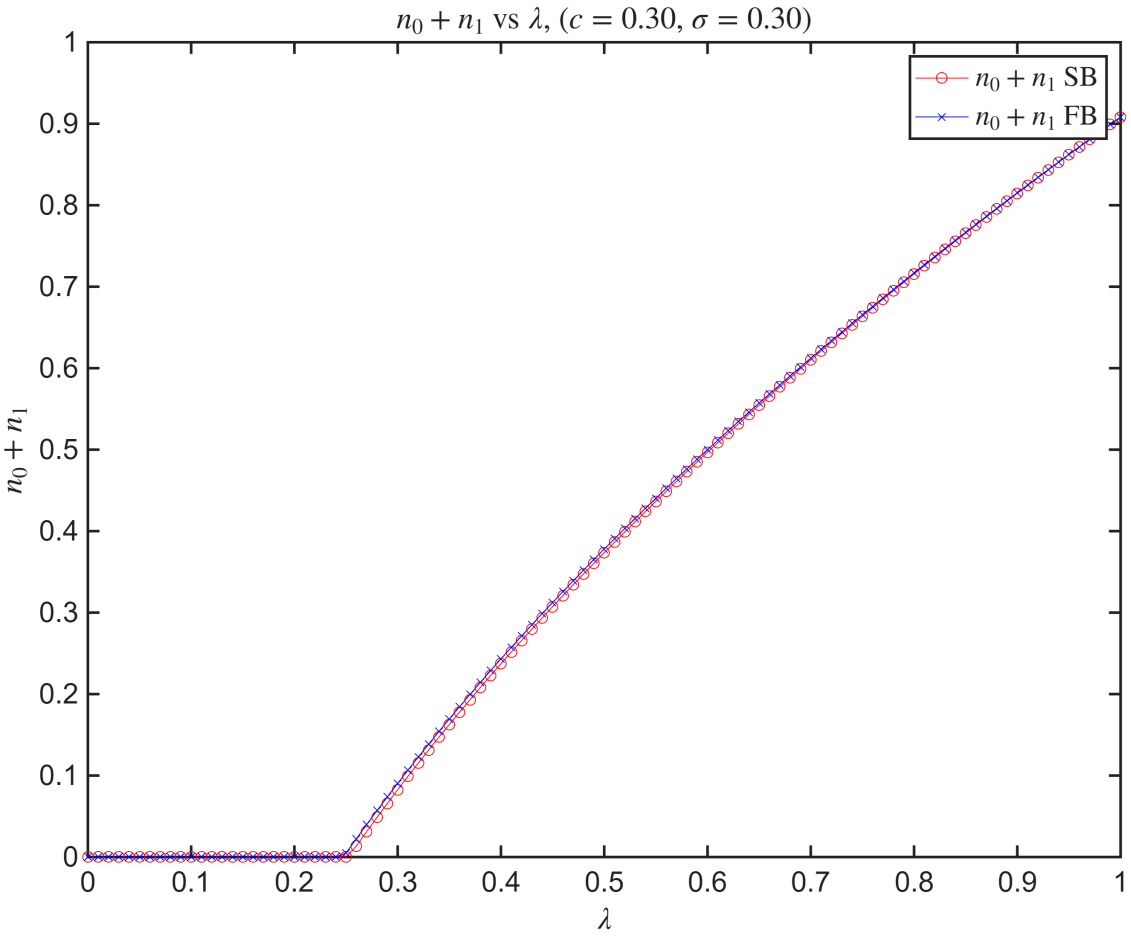

Figure 8: $n_0 + n_1$ vs λ, when $c = 0.30$ and $\sigma = 0.30$

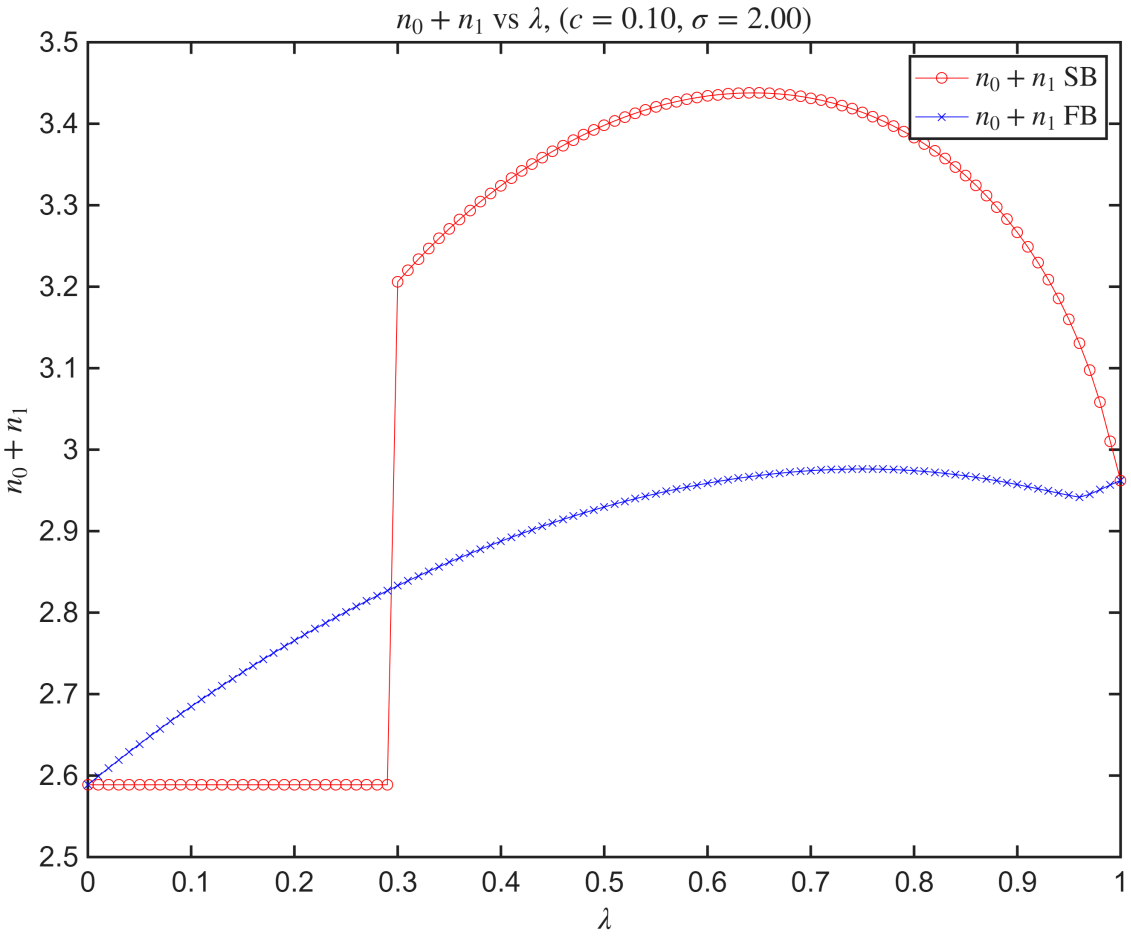

Figure 9: $n_0 + n_1$ vs λ, when $c = 0.10$ and $\sigma = 2.00$

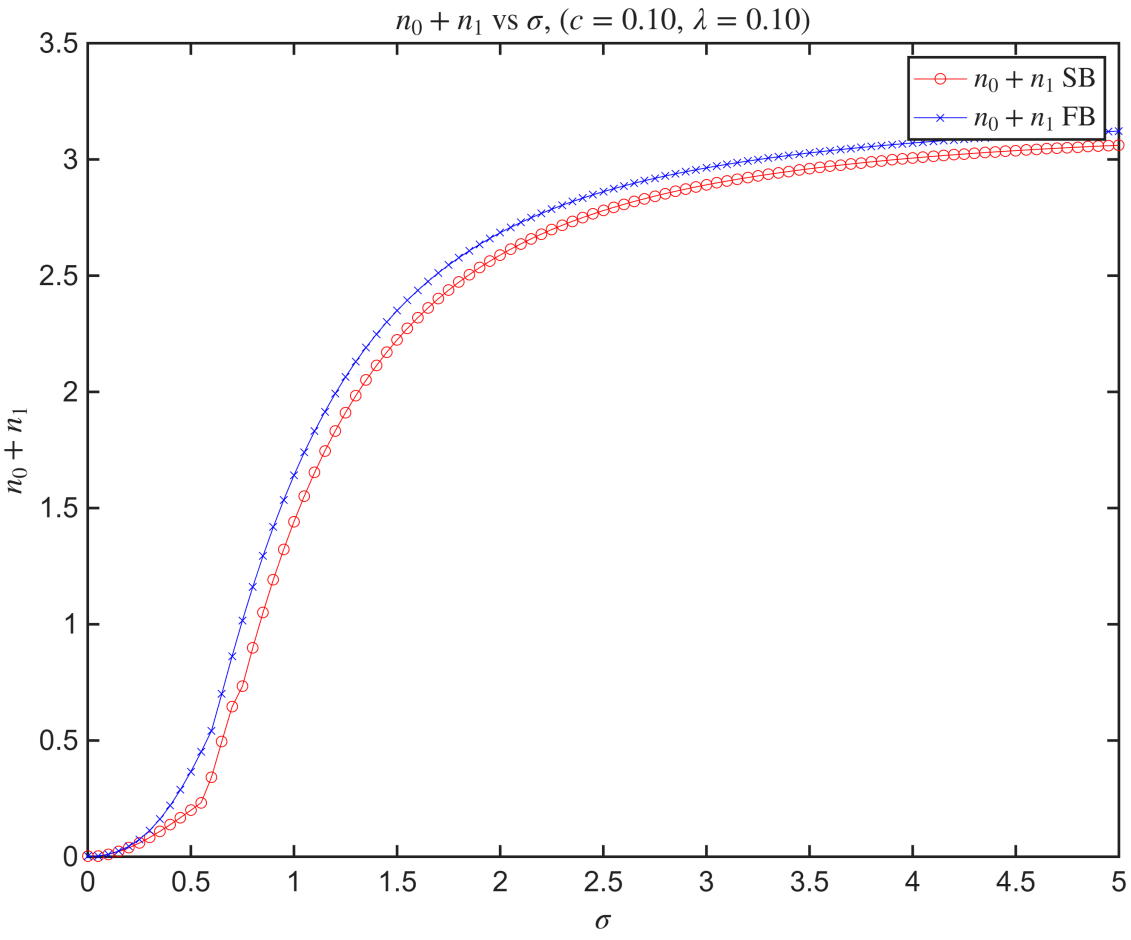

Figure 10: $n_0 + n_1$ vs σ, when $c = 0.10$ and $\lambda = 0.10$

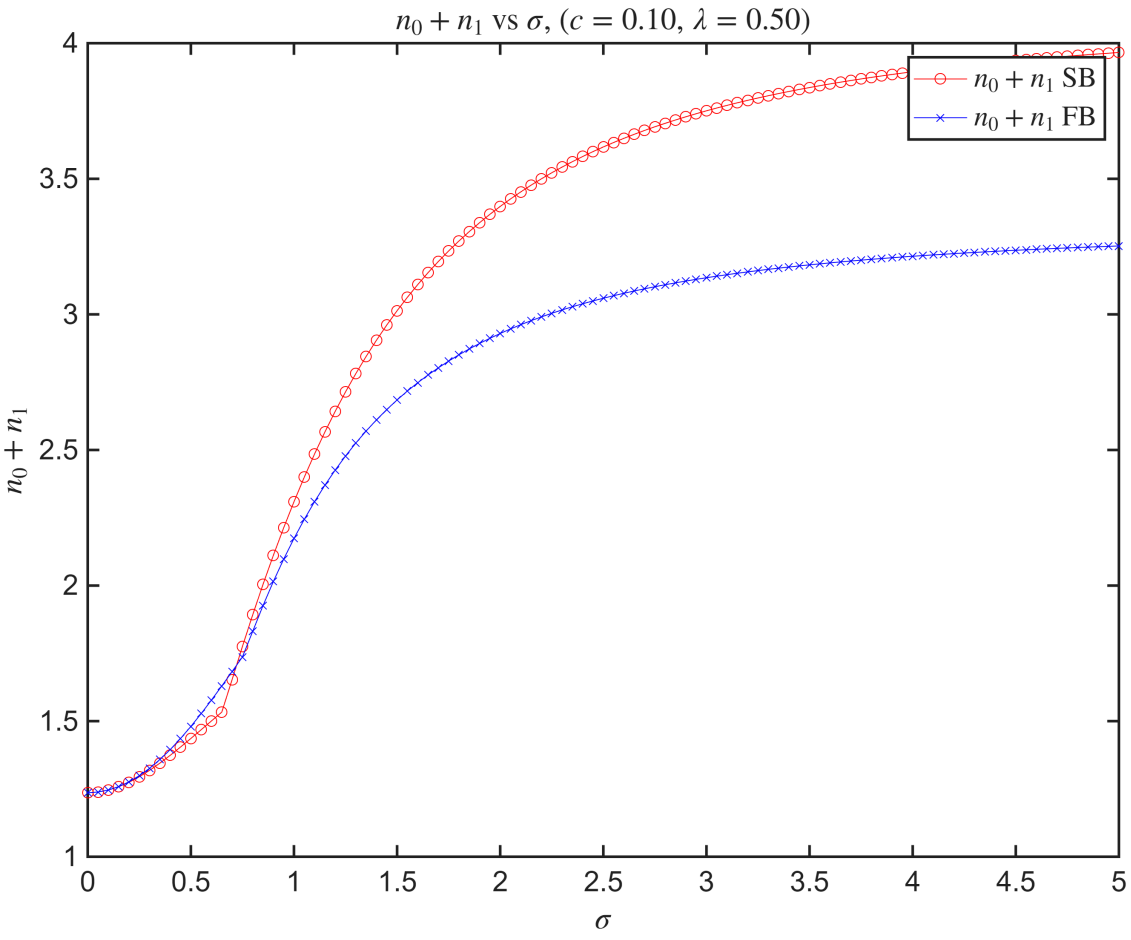

Figure 11: $n_0 + n_1$ vs σ, when $c = 0.10$ and $\lambda = 0.50$

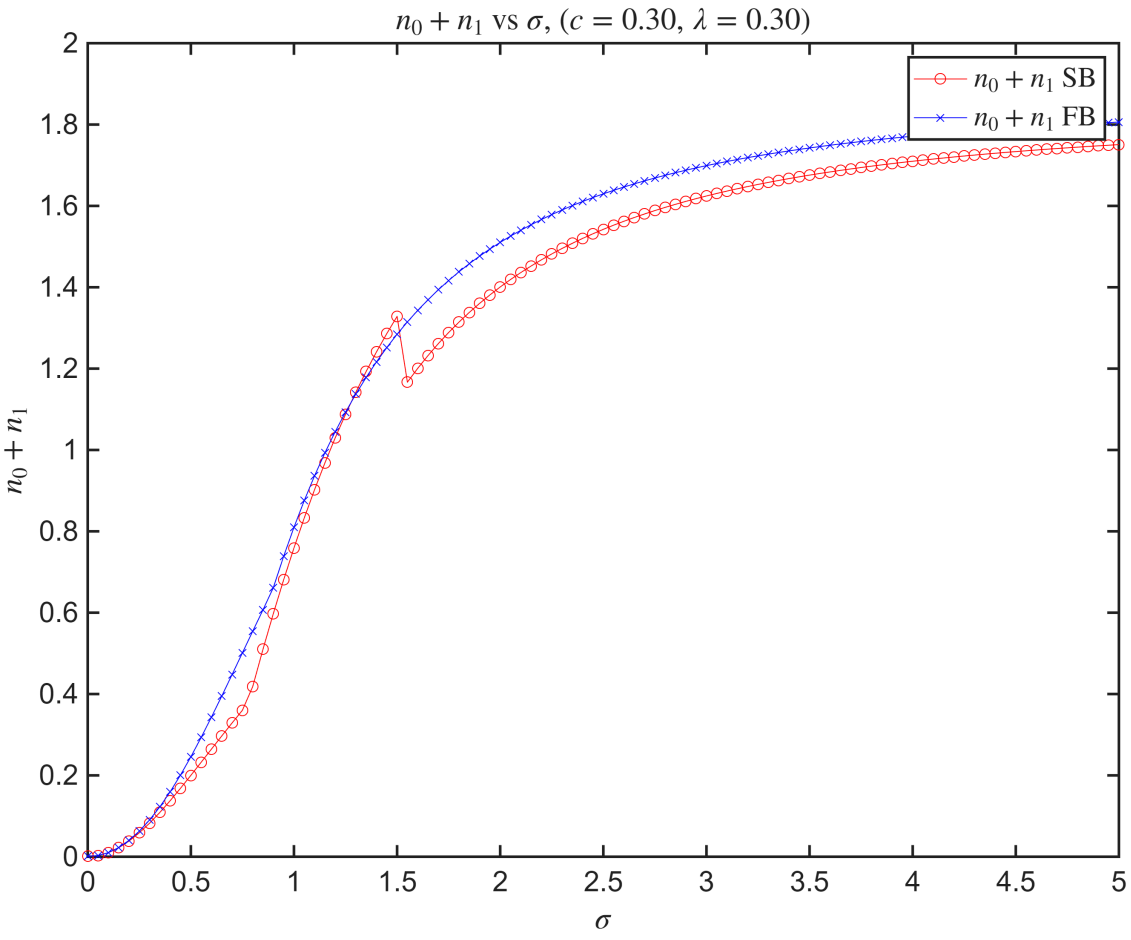

Figure 12: $n_0 + n_1$ vs σ, when $c = 0.30$ and $\lambda = 0.30$