



ICPSR 31702

Systematic Review of the Effects of Early Family/Parent Training Programs on Antisocial Behavior and Delinquency, 1976-2007

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Data Collection Instrument



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Parent/Family Meta-Analysis Coding Sheets

I. ELIGIBILITY CHECK SHEET

1. Document ID:
2. First author last name:
3. Study Title:
4. Journal Name, Volume and Issue:
5. Document ID:
6. Coder's Initials
7. Date eligibility determined:
8. A study must meet the following criteria in order to be eligible. Answer each question with a "yes" or a "no"
 - a. The study is an evaluation of a parent/family intervention.
 - b. The study includes a comparison group (or a pre-intervention comparison period in the case of pre-post studies) which did not receive the treatment condition. Studies may be experimental, quasi-experimental, or pre-post evaluations.
 - c. The study reports on at least one outcome (antisocial behavior, disruptive behavior, delinquency, crime).
 - d. The study is written in English.

If the study does not meet the criteria above, answer the following question:

- a. The study is a review article that is relevant to this project (e.g., may have references to other studies that are useful, may have pertinent background information)

9. Eligibility status:
 Eligible
 Not eligible
 Relevant review

Notes:

II. CODING PROTOCOL

Reference Information

1. Document ID: _ _ _ _
2. Study author(s): _____
3. Study title: _____
- 4a. Publication type: _____
 1. Book
 2. Book chapter
 3. Journal article (peer reviewed)
 4. Thesis or doctoral dissertation
 5. Government report (state/local)
 6. Government report (federal)
 7. Police department report
 8. Technical report
 9. Conference paper
 10. Other (specify)
- 4b. Specify (Other) _____
5. Publication date (year): _____
- 6a. Journal Name: _____
- 6b. Journal Volume: _____
- 6c. Journal Issue: _____
7. Date range of research (when research was conducted):
Start: _____
Finish: _____
8. Source of funding for study: _____
9. Country of publication: _____
10. Date coded: _____
11. Coder's Initials: _ _ _

Sample Characteristics

The following questions are about the target population of the intervention (if the intervention is not targeting groups of problem people skip to question 38):

12a. What is the target population of the treatment? _____

1. Universal
2. Low-income
3. Selective infants (low-birth weight, etc.)
4. Entire population (no specific groups targeted)
5. Pregnant women
6. Selective women (based on age)
7. Other (specify)

12b. Specify (other) _____

13. What is the exact target population? _____

14. Total population of target population (if known): _____

15. Gender composition of target population:

1. Mostly male
2. Mostly female
3. Unknown/not mentioned

16. Age composition of target population

1. Mostly children
2. Mostly adolescents
3. Unknown/not mentioned

17. Socio-economic status of target population:

1. Mostly below poverty line
2. Mostly above poverty line
3. Unknown/not mentioned

18. Race/ethnicity of the sample

1. percentage white
2. percentage African-american
3. percentage Asian
4. percentage native American
5. percentage white/Caucasian

19. What country did the intervention take place in: _____

20. What was the initial sample size recruited into the study and what was the final N (sample number related to outcomes examined in the review)? _____ (initial) / _____ (final)

Intervention Characteristics

21. What was the average age at the Start of the Intervention? _____ months

22. How long was the intervention period (child's age)? _____ years

- 23a. What was the type of intervention?
- a. clinic-based interview with practitioner
 - b. family workshops
 - c. home visits only
 - d. parent groups
 - e. child development center
 - f. other (specify)

23b. Specify (Other) _____

Methodology/Research design:

- 24a. Type of study: _____
- 1. Randomized experiment
 - 2. Nonequivalent control group (quasi-experimental)
 - 3. Multiple time series (quasi-experimental)
 - 4. Pre-post test (no control group)
 - 5. Other (specify)

24b. Specify (Other) _____

25. Was the program highly structured, that is, followed a set protocol?
- a. yes
 - b. no
 - c. cannot tell

- 26a. Did the program remain consistent over time?
- a. yes
 - b. no
 - c. cannot tell

- 26b. Were there adjustments for baseline differences?
- a. yes
 - b. no
 - c. cannot tell

26c. Were there adjustments for attrition?

- a. yes
- b. no
- c. cannot tell

26d. Were there adjustments for differential attrition?

- a. yes
- b. no
- c. cannot tell

Outcomes reported (Note that for each outcome, a separate coding sheet is required)

27. How many outcomes are reported in the study? _____

28. What is the specific outcome recorded on this coding sheet?

29. Was it the primary outcome of the study? _____

- 1. Yes
- 2. No
- 3. Can't tell/researcher did not prioritize outcomes

30a. Was this initially intended as an outcome of the study? _____

- 1. Yes
- 2. No (explain)
- 3. Can't tell

30b. If no, explain why:

Dependent Variable

31a. What type of data was used to measure the outcome covered on this coding sheet?

- 1. Official data (from the police, court, etc.)
- 2. Mother's report
- 3. Teacher's report
- 4. Self-report surveys
- 5. Other (specify) (professional observation, assessment, or diagnosis)

31b. Specify (Other) _____

32a. If official data was used, what specific type(s) of data were used? (Select all that apply)

1. Police contacts
2. Arrests
3. Court records
4. Convictions
5. Other (specify)
6. N/A (official data not used)

32b. Specify (Other) _____

33a. Did the researcher assess the quality of the data collected?

1. Yes
2. No

33b. Did the researcher(s) express any concerns over the quality of the data?

1. Yes
2. No

33c. If yes, explain

34a. Does the evaluation data correspond to the initially stated problem? (i.e., if the problem is delinquency, does the evaluation data look at whether delinquency decreased)

1. Yes
2. No

34b. If no, explain the discrepancy:

35a. If self-reports are used, were outcome data:

1. dichotomous
2. continuous
3. ordinal
4. combination
5. Other (specify)

35b. Other (specify): _____

Effect Size/Reports of statistical significance

Dependent Measure Descriptors

Sample size

36. Based on the unit of analysis for this outcome, what is the total sample size in the analysis? _____

37. What is the total sample size of the treatment group (group that receives the response)? _____

38. What is the total sample size of the control group (if applicable)? _____

38a. Was attrition a problem in the analysis for this outcome?

1. Yes
2. No

38b. If attrition was a problem, provide details (e.g., how many cases lost and why they were lost).

Effect Size Data

39. Raw difference favors (i.e., shows more success for):

1. Treatment group (or post period)
2. Control group (or pre period)
3. Neither (exactly equal)
9. Cannot tell (or statistically insignificant report only)/ Not Applicable (Pre-Post study)

40. Did a test of statistical significance indicate statistically significant differences between either the control and treatment groups or the pre and post tested treatment group? _____

1. Yes
2. No
3. Can't tell
4. N/A (no testing completed)

41. Was a standardized effect size reported?

1. Yes
2. No

42. If yes, what was the effect size? _____

43. If yes, page number where effect size data is found _____

44a. If no, is there data available to calculate an effect size?

1. Yes
2. No

44b. Type of data effect size can be calculated from:

1. Means and standard deviations
2. t -value or F -value
3. Chi-square ($df=1$)
4. Frequencies or proportions (dichotomous)
5. Frequencies or proportions (polychotomous)
6. Pre and Post (and/or during counts)
7. Other (specify)

44b. Specify (other) _____

45a. Did the evaluation control for validity by using multivariate methods (i.e., regression) to assess the impact of the program on the outcome? _____

45b. If yes, did this analysis find that the intervention reduced the outcome at a statistically significant level ($p=.05$)? _____

Means and Standard Deviations

46a. Treatment group mean _____

46b. Control group mean _____

47a. Treatment group standard deviation _____

47b. Control group standard deviation _____

Proportions or frequencies

48a. n of treatment group with a successful outcome _____

48b. n of control group with a successful outcome _____

49a. Proportion of treatment group with a successful outcome _____

49b. Proportion of control group with a successful outcome _____

Significance Tests

50a. t -value _____

50b. F -value _____

50c. Chi-square value ($df=1$) _____

Calculated Effect Size

51. Effect size _____

Conclusions made by the author(s)

Note that the following questions refer to conclusions about the effectiveness of the intervention in regards to the current outcome/problem being addressed on this coding sheet.

52. Conclusion about the impact of the intervention? _____

1. The authors conclude problem declined
2. The authors conclude the problem did not decline
3. Unclear/no conclusion stated by authors

53. Did the author(s) conclude that the parent/family intervention beneficial? _____

1. Yes
2. No
3. Can't tell

54. Did the author(s) conclude there a relationship between the parent/family intervention and a reduction in delinquency/crime? _____

1. Yes
2. No
3. Can't tell

55. Additional notes about conclusions:
