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from a Total Survey Error Perspective

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Chapter 7: Statistical Identification of Fraudulent Interviews in Surveys: Improving Interviewer Controls Appendix 7

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Chapter 7: Statistical Identification of Fraudulent Interviews in Surveys: Improving
Interviewer Controls

Appendix 7

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Full book reference:

Olson, K., J. D. Smyth, J. Dykema, A. L. Holbrook, F. Kreuter, B. T. West. 2020. *Interviewer Effects from a Total Survey Error Perspective*. Boca Raton: CRC Press.

Appendix 7

Table A7A.1 Number of identical response patterns

| Pattern occurred | Frequency of patterns | Number of interviews |
|-----------------------------------|------------------------------|-----------------------------|
| 1 time | 4,067 | 4,067 |
| 2 times | 91 | 182 |
| 3 times | 19 | 57 |
| 4 times | 15 | 60 |
| 5 times | 15 | 75 |
| 6 times | 8 | 48 |
| 7 times | 4 | 28 |
| 8 times | 1 | 8 |
| 9 times | 3 | 27 |
| 10 times | 2 | 20 |
| 11 times | 1 | 11 |
| 13 times | 1 | 13 |
| 15 times | 1 | 15 |
| 16 times | 1 | 16 |
| 20 times | 1 | 20 |
| 169 times | 1 | 169 |
| Total number of interviews | | 4,816 |

Source: IAB-BAMF-SOEP Survey of Refugees in Germany, 2016, own calculations.

Explanation: The column “pattern occurred” shows how often a specific response pattern occurred across different interviews. The column “frequency of pattern” indicates how many patterns occurred with the specific repetition number of column “pattern occurred”. The column “number of interviews” shows how many interviews were affected by this. For example, two patterns (10-10-10-10-10-10-10-10-0 and 10-10-10-10-8-10-10-10-10) occurred 10 times i.e. in 10 interviews resulting in 20 interviews in total.