Table S0. Frequency distribution of the answers to the scale questions in the two groups.

${ }^{\alpha}$ Note: Condensed coding was applied as follows: Relatively rare: "Never"/"Rarely"|"Sometimes" \& Relatively often: "Often" / "Very often or always". p-value for chi-square test. p-values below 0.05 are shown in bold.Conclusions (in-text, Results section) are based on condensed coding.

Table S1. The parental practices in association with the child's sex, birth order and the existence of sib-lings. Group: healthy children

|  |  | Child'ssex |  |  |  | OnlyChild |  |  |  | First born |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Male | Female | Ch |  | No | Yes | Chi |  | No | Yes | Chi |  |
|  |  | $N=393$ | N = 394 | square | $p$ | $\mathbf{N = 6 0 4}$ | $N=183$ | square | $p$ | $N=376$ | N = 411 | square | $p$ |
| Q1 | Relativelyrare | 14.2\% | 11.2\% | 1.685 | 0.194 | 11.8\% | 15.8\% | 2.120 | 0.145 | 10.4\% | 14.8\% | 3.536 | 0.060 |
|  | Relativelyoften | 85.8\% | 88.8\% |  |  | 88.2\% | 84.2\% |  |  | 89.6\% | 85.2\% |  |  |
| Q2 | Relativelyrare | 27.5\% | 24.9\% | 0.692 | 0.405 | 26.2\% | 26.2\% | 0,001 | 0.985 | 24.7\% | 27.5\% | 0.774 | 0.379 |
|  | Relativelyoften | 72.5\% | 75.1\% |  |  | 73.8\% | 73.8\% |  |  | 75.3\% | 72.5\% |  |  |
| Q3 | Relativelyrare | 15.3\% | 14.7\% | 0.046 | 0.830 | 14.7\% | 15.8\% | 0.136 | 0.712 | 14.4\% | 15.6\% | 0.226 | 0.635 |
|  | Relativelyoften | 84.7\% | 85.3\% |  |  | 85.3\% | 84.2\% |  |  | 85.6\% | 84.4\% |  |  |
| Q4 | Relativelyrare | 52.2\% | 42.1\% | 7.945 | 0.005 | 48.0\% | 44.3\% | 0.793 | 0.373 | 46.0\% | 48.2\% | 0.369 | 0.543 |
|  | Relativelyoften | 47.8\% | 57.9\% |  |  | 52.0\% | 55.7\% |  |  | 54.0\% | 51.8\% |  |  |
| Q5 | Relativelyrare | 18.8\% | 15.2\% | 1.806 | 0.179 | 15.4\% | 22.4\% | 4.881 | 0.027 | 14.6\% | 19.2\% | 2.933 | 0.087 |
|  | Relativelyoften | 81.2\% | 84.8\% |  |  | 84.6\% | 77.6\% |  |  | 85.4\% | 80.8\% |  |  |
| Q6 | Relativelyrare | 8.9\% | 8.6\% | 0.019 | 0.891 | 7.6\% | 12.6\% | 4.306 | 0.038 | 7.7\% | 9.7\% | 1.001 | 0.317 |
|  | Relativelyoften | 91.1\% | 91.4\% |  |  | 92.4\% | 87.4\% |  |  | 92.3\% | 90.3\% |  |  |
| Q7 | Relativelyrare | 4.1\% | 5.3\% | 0.696 | 0.404 | 4.5\% | 5.5\% | 0.310 | 0.578 | 3.7\% | 5.6\% | 1.537 | 0.215 |
|  | Relativelyoften | 95.9\% | 94.7\% |  |  | 95.5\% | 94.5\% |  |  | 96.3\% | 94.4\% |  |  |
| Q8 | Relativelyrare | 11.2\% | 16.5\% | 4.635 | 0.031 | 13.1\% | 16.4\% | 1.293 | 0.256 | 11.4\% | 16.1\% | 3.516 | 0.061 |
|  | Relativelyoften | 88.8\% | 83.5\% |  |  | 86.9\% | 83.6\% |  |  | 88.6\% | 83.9\% |  |  |
| Q9 | Relativelyrare | 17.8\% | 11.2\% | 7.012 | 0.008 | 11.9\% | 23.0\% | 13.795 | <0.001 | 10.9\% | 17.8\% | 7.454 | 0.006 |
|  | Relativelyoften | 82.2\% | 88.8\% |  |  | 88.1\% | 77.0\% |  |  | 89.1\% | 82.2\% |  |  |
| Q10 | Relativelyrare | 10.9\% | 6.9\% | 4.059 | 0.044 | 7,0\% | 15.3\% | 12.075 | 0.001 | 5.6\% | 11.9\% | 9.731 | 0.002 |
|  | Relativelyoften | 80.1\% | 93.1\% |  |  | 93,0\% | 84.7\% |  |  | 94.4\% | 88.1\% |  |  |
| Q11 | Relativelyrare | 66.2\% | 72.1\% | 3.235 | 0.072 | 70.0\% | 66.1\% | 1.008 | 0.315 | 73.7\% | 65.0\% | 6.974 | 0.008 |
|  | Relativelyoften | 33.8\% | 27.9\% |  |  | 30.0\% | 33.9\% |  |  | 26.3\% | 35.0\% |  |  |
| Q12 | Relativelyrare | 85.0\% | 86.5\% | 0.393 | 0.531 | 86.3\% | 84.2\% | 0.510 | 0.475 | 89.9\% | 82.0\% | 10.036 | 0.002 |
|  | Relativelyoften | 15.0\% | 13.5\% |  |  | 13.7\% | 15.8\% |  |  | 10.1\% | 18.0\% |  |  |
| Q13 | Relativelyrare | 37.4\% | 34.0\% | 0.988 | 0.320 | 35.6\% | 36.1\% | 0.013 | 0.908 | 36.4\% | 35.0\% | 0.168 | 0.682 |
|  | Relativelyoften | 62.6\% | 66.0\% |  |  | 64.4\% | 63.9\% |  |  | 63.6\% | 65.0\% |  |  |
| Q14 | Relativelyrare | 80.2\% | 75.1\% | 2.862 | 0.091 | 77.3\% | 78.7\% | 0.152 | 0.697 | 79.0\% | 76.4\% | 0.759 | 0.384 |
|  | Relativelyoften | 19.8\% | 24.9\% |  |  | 22.7\% | 21.3\% |  |  | 21.0\% | 23.6\% |  |  |
| Q15 | Relativelyrare | 55.7\% | 53.6\% | 0.374 | 0.541 | 54.0\% | 56.8\% | 0.463 | 0.496 | 55.9\% | 53.5\% | 0.428 | 0.513 |


| Q16 | Relativelyoften | 44.3\% | 46.4\% |  |  | 46.0\% | 43.2\% | $14.624<0.001$ |  | 44.1\% | 46.5\% | 6.224 | 0.013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Relativelyrare | 14.0\% | 13.7\% | 0.014 | 0.906 | 11.3\% | 22.4\% |  |  | 10.6\% | 16.8\% |  |  |
|  | Relativelyoften | 86.0\% | 86.3\% |  |  | 88.7\% | 77.6\% |  |  | 89.4\% | 83.2\% |  |  |
| Q17 | Relativelyrare | 3.8\% | 1.5\% | 3.986 | 0.046 | 2.6\% | 2.7\% | 0.004 | 0.951 | 2.7\% | 2.7\% | 0.001 | 0.988 |
|  | Relativelyoften | 96.2\% | 98.5\% |  |  | 97.4\% | 97.3\% |  |  | 97.3\% | 97.3\% |  |  |
| Q18 | Relativelyrare | 22.2\% | 25.5\% | 1.187 | 0.276 | 23.1\% | 26.5\% | 0.922 | 0.337 | 21.5\% | 26.0\% | 2.122 | 0.145 |
|  | Relativelyoften | 77.8\% | 74.5\% |  |  | 76.9\% | 73.5\% |  |  | 78.5\% | 74.0\% |  |  |
| Q19 | Relativelyrare | 36.5\% | 37.1\% | 0.031 | 0.861 | 36.3\% | 38.3\% | 0.242 | 0.623 | 35.9\% | 37.6\% | 0.239 | 0.625 |
|  | Relativelyoften | 63.5\% | 62.9\% |  |  | 63.7\% | 61.7\% |  |  | 64.1\% | 62.4\% |  |  |
| Q20 | Relativelyrare | 15.3\% | 15.1\% | 0.007 | 0.933 | 15.6\% | 13.8\% | 0.351 | 0.549 | 16.0\% | 14.5\% | 0.359 | 0.549 |
|  | Relativelyoften | 84.7\% | 84.9\% |  |  | 84.4\% | 86.2\% |  |  | 84.0\% | 85.5\% |  |  |
| Q21 | Relativelyrare | 24.0\% | 25.8\% | 0.334 | 0.563 | 25.5\% | 22.7\% | 0.621 | 0.431 | 26.6\% | 23.3\% | 1.148 | 0.284 |
|  | Relativelyoften | 76.0\% | 74.2\% |  |  | 74.5\% | 77.3\% |  |  | 73.4\% | 76.7\% |  |  |
| Q22 | Relativelyrare | 75.2\% | 79.1\% | 1.680 | 0.195 | 78.4\% | 72.8\% | 2.521 | 0.112 | 79.3\% | 75.2\% | 1.837 | 0.175 |
|  | Relativelyoften | 24.8\% | 20.9\% |  |  | 21.6\% | 27.2\% |  |  | 20.7\% | 24.8\% |  |  |
| Q23 | Relativelyrare | 29.6\% | 37.5\% | 5.499 | 0.019 | 32.7\% | 36.5\% | 0.899 | 0.343 | 33.0\% | 34.1\% | 0.104 | 0.747 |
|  | Relativelyoften | 70.4\% | 62.5\% |  |  | 67.3\% | 63.5\% |  |  | 67.0\% | 65.9\% |  |  |
| Q24 | Relativelyrare | 23.0\% | 27.6\% | 2.252 | 0.133 | 27.1\% | 19.3\% | 4.412 | 0.036 | 27.7\% | 23.0\% | 2.279 | 0.131 |
|  | Relativelyoften | 77.0\% | 72.4\% |  |  | 72.9\% | 80.7\% |  |  | 72.3\% | 77.0\% |  |  |

Table S2. The parental practices in association with the child's age group, parent's sex, and child-parent sex concurrence. Group: healthy children.

|  |  | Child'sagegroup |  |  |  | Parent'ssex |  |  |  | Sexconcordance |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\leq 5$ years | >5 years | Chi |  | Female | Male | Chi |  | No | Yes | Chi square |  |
|  |  | $N=367$ | $N=420$ | square | $p$ | N=730 | $\mathbf{N = 5 7}$ | square | $p$ | $N=399$ | $N=388$ | Chi square | $p$ |
| Q1 | Relativelyrare | 12.5\% | 12.9\% | 0.018 | 0.892 | 13.2\% | 7.0\% | 1.793 | 0.181 | 14.9\% | 10.5\% | 3.468 | 0.063 |
|  | Relativelyoften | 87.5\% | 87.1\% |  |  | 86.8\% | 93.0\% |  |  | 85.1\% | 89.5\% |  |  |
| Q2 | Relativelyrare | 27.0\% | 25.5\% | 0.228 | 0.633 | 26.6\% | 21.1\% | 0.835 | 0.361 | 28.4\% | 24.1\% | 1.874 | 0.171 |
|  | Relativelyoften | 73.0\% | 74.5\% |  |  | 73.4\% | 78.9\% |  |  | 71.6\% | 75.9\% |  |  |
| Q3 | Relativelyrare | 13.9\% | 16.0\% | 0.650 | 0.420 | 14.9\% | 15.8\% | 0.031 | 0.861 | 16.2\% | 13.8\% | 0.928 | 0.335 |
|  | Relativelyoften | 86.1\% | 84.0\% |  |  | 85.1\% | 84.2\% |  |  | 83.8\% | 86.2\% |  |  |
| Q4 | Relativelyrare | 48.0\% | 46.4\% | 0.183 | 0.668 | 46.3\% | 57.9\% | 2.852 | 0.091 | 42.9\% | 51.5\% | 5.960 | 0.015 |
|  | Relativelyoften | 52.0\% | 53.6\% |  |  | 53.7\% | 42.1\% |  |  | 57.1\% | 48.5\% |  |  |
| Q5 | Relativelyrare | 16.3\% | 17.6\% | 0.224 | 0.636 | 17.0\% | 17.5\% | 0.012 | 0.914 | 18.0\% | 16.0\% | 0.558 | 0.455 |
|  | Relativelyoften | 83.7\% | 82.4\% |  |  | 83.0\% | 82.5\% |  |  | 82.0\% | 84.0\% |  |  |
| Q6 | Relativelyrare | 8.7\% | 8.8\% | 0.002 | 0.964 | 8.9\% | 7.0\% | 0.235 | 0.628 | 9.0\% | 8.5\% | 0.061 | 0.804 |
|  | Relativelyoften | 91.3\% | 91.2\% |  |  | 91.1\% | 93.0\% |  |  | 91.0\% | 91.5\% |  |  |
| Q7 | Relativelyrare | 5.4\% | $4.0 \%$ | 0.859 | 0.354 | 4.5\% | 7.0\% | 0.736 | 0.391 | $3.6 \%$ | 5.8\% | 2.041 | 0.153 |
|  | Relativelyoften | $94.6 \%$ | $96.0 \%$ |  |  | $95.5 \%$ | $93.0 \%$ |  |  | 96.4\% | 94.2\% |  |  |
| Q8 | Relativelyrare | 13.6\% | 14.0\% | 0.029 | 0.864 | 14.2\% | 8.8\% | 1.328 | 0.249 | 11.6\% | 16.0\% | 3.253 | 0.071 |
|  | Relativelyoften | 86.4\% | 86.0\% |  |  | 85.8\% | 91.2\% |  |  | 88.4\% | 84.0\% |  |  |
| Q9 | Relativelyrare | 21.0\% | 8.8\% | 23.423 | <0.001 | 14.4\% | 15.8\% | 0.084 | 0.771 | 16.2\% | 12.8\% | 1.896 | 0.169 |
|  | Relativelyoften | 79.0\% | 91.2\% |  |  | 85.6\% | 84.2\% |  |  | 83.8\% | 87.2\% |  |  |
| Q10 | Relativelyrare | 10.1\% | 7.9\% | 1.196 | 0.274 | 8.8\% | 10.5\% | 0.202 | 0.653 | 10.6\% | 7.3\% | 2.642 | 0.104 |
|  | Relativelyoften | 89.9\% | 92.1\% |  |  | 91.2\% | 89.5\% |  |  | 89.4\% | 92.7\% |  |  |
| Q11 | Relativelyrare | 71.4\% | 67.1\% | 1.655 | 0.198 | 69.2\% | 68.4\% | 0.014 | 0.905 | 65.2\% | 72.9\% | 5.502 | 0.019 |
|  | Relativelyoften | 28.6\% | 32.9\% |  |  | 30.8\% | 31.6\% |  |  | 34.8\% | 27.1\% |  |  |
| Q12 | Relativelyrare | 84.7\% | 86.7\% | 0.595 | 0.441 | 85.8\% | 86.0\% | 0.002 | 0.965 | 85.3\% | 86.2\% | 0.132 | 0.716 |
|  | Relativelyoften | 15.3\% | 13.3\% |  |  | 14.2\% | 14.0\% |  |  | 14.7\% | 13.8\% |  |  |
| Q13 | Relativelyrare | 31.6\% | 39.3\% | 5.030 | 0.025 | 36.0\% | 31.6\% | 0.456 | 0.500 | 36.9\% | 34.6\% | 0.441 | 0.507 |
|  | Relativelyoften | 68.4\% | 60.7\% |  |  | 64.0\% | 68.4\% |  |  | 63.1\% | 65.4\% |  |  |
| Q14 | Relativelyrare | 78.5\% | 76.9\% | 0.278 | 0.598 | 77.5\% | 78.9\% | 0.061 | 0.805 | 78.9\% | 76.4\% | 0.666 | 0.414 |
|  | Relativelyoften | 21.5\% | 23.1\% |  |  | 22.5\% | 21.1\% |  |  | 21.1\% | 23.6\% |  |  |
| Q15 | Relativelyrare | 52.3\% | 56.7\% | 1.496 | 0.221 | 54.8\% | 52.6\% | 0.100 | 0.752 | 55.4\% | 53.9\% | 0.185 | 0.667 |


| Q16 | Relativelyoften | 47.7\% | 43.3\% |  |  | 45.2\% | 47.4\% |  |  | 44.6\% | 46.1\% | 0.003 | 0.957 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Relativelyrare | 14.4\% | 13.3\% | 0.202 | 0.653 | 13.2\% | 22.8\% | 4.132 | 0.042 | 13.9\% | 13.8\% |  |  |
|  | Relativelyoften | 85.6\% | 86.7\% |  |  | 86.8\% | 77.2\% |  |  | 86.1\% | 86.2\% |  |  |
| Q17 | Relativelyrare | 2.5\% | 2.9\% | 0.124 | 0.725 | 2.5\% | 5.3\% | 1.593 | 0.207 | 4.1\% | 1.3\% | 6.241 | 0.012 |
|  | Relativelyoften | 97.5\% | 97.1\% |  |  | 97.5\% | 94.7\% |  |  | 95.9\% | 98.7\% |  |  |
| Q18 | Relativelyrare | 24.7\% | 23.2\% | 0.244 | 0.621 | 22.8\% | 36.2\% | 5.711 | 0.017 | 22.2\% | 25.4\% | 1.118 | 0.290 |
|  | Relativelyoften | 75.3\% | 76.8\% |  |  | 77.2\% | 63.2\% |  |  | 77.8\% | 74.6\% |  |  |
| Q19 | Relativelyrare | 34.9\% | 38.4\% | 1.047 | 0.306 | 37.1\% | 33.3\% | 0.314 | 0.575 | 35.7\% | 37.9\% | 0.415 | 0.520 |
|  | Relativelyoften | 65.1\% | 61.6\% |  |  | 62.9\% | 66.7\% |  |  | 64.3\% | 62.1\% |  |  |
| Q20 | Relativelyrare | 14.3\% | 16.0\% | 0.439 | 0.508 | 14.7\% | 21.1\% | 1.635 | 0.201 | 15.0\% | 15.4\% | 0.026 | 0.871 |
|  | Relativelyoften | 85.7\% | 84.0\% |  |  | 85.3\% | 78.9\% |  |  | 85.0\% | 84.6\% |  |  |
| Q21 | Relativelyrare | 21.4\% | 27.9\% | 4.484 | 0.034 | 24.2\% | 33.3\% | 2.355 | 0.125 | 24.5\% | 25.2\% | 0.043 | 0.836 |
|  | Relativelyoften | 78.6\% | 72.1\% |  |  | 75.8\% | 66.7\% |  |  | 75.5\% | 74.8\% |  |  |
| Q22 | Relativelyrare | 74.7\% | 79.2\% | 2.248 | 0.134 | 77.0\% | 78.9\% | 0.114 | 0.736 | 76.9\% | 77.3\% | 0.017 | 0.897 |
|  | Relativelyoften | 25.3\% | 20.8\% |  |  | 23.0\% | 21.1\% |  |  | 23.1\% | 22.7\% |  |  |
| Q23 | Relativelyrare | 34.8\% | 32.5\% | 0.478 | 0.490 | 32.9\% | 42.1\% | 2.020 | 0.155 | 29.5\% | 37.5\% | 5.731 | 0.017 |
|  | Relativelyoften | 65.2\% | 67.5\% |  |  | 67.1\% | 57.9\% |  |  | 70.5\% | 62.5\% |  |  |
| Q24 | Relativelyrare | 24.5\% | 26.0\% | 0.252 | 0.616 | 24.5\% | 35.1\% | 3.125 | 0.077 | 26.4\% | 24.2\% | 0.521 | 0.470 |
|  | Relativelyoften | 75.5\% | 74.0\% |  |  | 75.5\% | 64.9\% |  |  | 73.6\% | 75.8\% |  |  |

Table S3. The parental practices in association with the parent's age, education and employment status. Group: healthy children.

|  |  | Parent'sagegroup |  |  |  | Parent'seducation |  |  |  | WorkingParent |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | <40 years | $\geq 40$ years | Chi | $p$ | $\begin{gathered} \leq 12 \\ \text { years } \\ \hline \end{gathered}$ | $>12$ <br> years | Chi | $p$ | No | Yes | Chi square | $p$ |
| Q1 |  | $\mathbf{N}=581$ | $\mathbf{N}=206$ | square |  | N=362 | N=425 |  | $p$ | N = 235 | $\mathbf{N}=552$ |  | $p$ |
|  | Relativelyrare | 12.7\% | 12.6\% | 0.002 | 0.966 | 9.8\% | 15.1\% | 4.609 | 0.032 | 11.9\% | 13.0\% | 0.189 | 0.664 |
|  | Relativelyoften | 87.3\% | 87.4\% |  |  | 90.1\% | 84.9\% |  |  | 88.1\% | 87.0\% |  |  |
| Q2 | Relativelyrare | 25.8\% | 27.2\% | 0.147 | 0.701 | 21.3\% | 30.4\% | 8.345 | 0.004 | 23.0\% | 27.5\% | 1.772 | 0.183 |
|  | Relativelyoften | 74.2\% | 72.8\% |  |  | 78.7\% | 69.6\% |  |  | 77.0\% | 72.5\% |  |  |
| Q3 | Relativelyrare | 15.5\% | 84.5\% | 0.430 | 0.512 | 15.2\% | 14.8\% | 0.021 | 0.885 | 11.5\% | 16.5\% | 3.228 | 0.072 |
|  | Relativelyoften | 13.6\% | 86.4\% |  |  | 84.8\% | 85.2\% |  |  | 88.5\% | 83.5\% |  |  |
| Q4 | Relativelyrare | 47.8\% | 45.1\% | 0.446 | 0.504 | 44.2\% | 49.6\% | 2.329 | 0.127 | 54.9\% | 43.8\% | 8.081 | 0.004 |
|  | Relativelyoften | 52.2\% | 54.9\% |  |  | 55.8\% | 50.4\% |  |  | 45.1\% | 56.2\% |  |  |
| Q5 | Relativelyrare | 15.5\% | 21.4\% | 3.708 | 0.054 | 12.7\% | 20.7\% | 8.853 | 0.003 | 13.2\% | 18.7\% | 3.488 | 0.062 |
|  | Relativelyoften | 84.5\% | 78.6\% |  |  | 87.3\% | 79.3\% |  |  | 86.8\% | 81.3\% |  |  |
| Q6 | Relativelyrare | 8.6\% | 9.2\% | 0.072 | 0.788 | 9.7\% | 8.0\% | 0.680 | 0.409 | 9.4\% | 8.5\% | 0.148 | 0.701 |
|  | Relativelyoften | 91.4\% | 90.8\% |  |  | 90.3\% | 92.0\% |  |  | 90.6\% | 91.5\% |  |  |
| Q7 | Relativelyrare | 4.5\% | 5.3\% | 0.254 | 0.614 | 6.6\% | 3.1\% | 5.564 | 0.027 | 5.1\% | 4.5\% | 0.123 | 0.726 |
|  | Relativelyoften | 95.5\% | 94.7\% |  |  | 93.4\% | 96.9\% |  |  | 94.9\% | 95.5\% |  |  |
| Q8 | Relativelyrare | 15.0\% | 10.7\% | 2.351 | 0.125 | 18.8\% | 9.6\% | 13.769 | <0.001 | 17.4\% | 12.3\% | 3.633 | 0.057 |
|  | Relativelyoften | 85.0\% | 89.3\% |  |  | 81.2\% | 90.4\% |  |  | 82.6\% | 87.7\% |  |  |
| Q9 | Relativelyrare | 14.6\% | 14.1\% | 0.037 | 0.847 | 13.3\% | 15.5\% | 0.813 | 0.367 | 13.9\% | 15.7\% | 0.429 | 0.513 |
|  | Relativelyoften | 85.4\% | 85.9\% |  |  | 86.7\% | 84.5\% |  |  | 86.1\% | 84.3\% |  |  |
| Q10 | Relativelyrare | 8.6\% | 9.7\% | 0.228 | 0.633 | 7.5\% | 10.1\% | 1.706 | . 192 | 10.2\% | 8.3\% | 0.718 | 0.397 |
|  | Relativelyoften | 91.4\% | 90.3\% |  |  | 92.5\% | 89.5\% |  |  | 89.8\% | 91.7\% |  |  |
| Q11 | Relativelyrare | 70.4\% | 65.5\% | 1.684 | 0.194 | 66.9\% | 71.1\% | 1.622 | . 203 | 69.9\% | 67.2\% | 0.560 | 0.454 |
|  | Relativelyoften | 29.6\% | 34.5\% |  |  | 33.1\% | 28.9\% |  |  | 30.1\% | 32.8\% |  |  |
| Q12 | Relativelyrare | 85.0\% | 87.9\% | 1.004 | 0.316 | 83.4\% | 87.8\% | 3.016 | 0.082 | 82.6\% | 87.1\% | 2.838 | 0.092 |
|  | Relativelyoften | 15.0\% | 12.1\% |  |  | 16.2\% | 12.2\% |  |  | 17.4\% | 12.9\% |  |  |
| Q13 | Relativelyrare | 35.8\% | 35.4\% | 0.009 | 0.925 | 38.4\% | 33.4\% | 2.117 | 0.146 | 38.7\% | 34.4\% | 1.330 | 0.249 |
|  | Relativelyoften | 64.2\% | 64.6\% |  |  | 61.6\% | 66.6\% |  |  | 61.3\% | 65.6\% |  |  |
| Q14 | Relativelyrare | 78.0\% | 76.7\% | 0.141 | 0.707 | 77.1\% | 78.1\% | 0.123 | 0.726 | 78/.7\% | 77.2\% | 0.228 | 0.633 |
|  | Relativelyoften | 22.0\% | 23.3\% |  |  | 22.9\% | 21.9\% |  |  | 21.3\% | 22.8\% |  |  |
| Q15 | Relativelyrare | 55.4\% | 52.4\% | 0.550 | 0.458 | 55.5\% | 53.9\% | 0.213 | 0.645 | 54.0\% | 54.9\% | 0.048 | 0.827 |


| Q16 | Relativelyoften | 44.6\% | 47.6\% | 0.353 | 0.552 | 44.5\% | 46.1\% | 0.032 | 0.858 | $\begin{aligned} & \hline 46.0 \% \\ & 12.8 \% \\ & 87.2 \% \end{aligned}$ | $\begin{aligned} & \hline 45.1 \% \\ & 14.3 \% \end{aligned}$ | 0.330 | 0.566 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Relativelyrare | 14.3\% | 12.6\% |  |  | 14.1\% | 13.6\% |  |  |  |  |  |  |
|  | Relativelyoften | 85.7\% | 87.4\% |  |  | 85.9\% | 86.4\% |  |  |  | 85.7\% |  |  |
| Q17 | Relativelyrare | 3.1\% | 1.5\% | 1.578 | 0.209 | 3.0\% | 2.4\% | 0.354 | 0.552 | 0.9\% | 3.4\% | 4.260 | 0.039 |
|  | Relativelyoften | 96.9\% | 98.5\% |  |  | 97.0\% | 97.6\% |  |  | 99.1\% | 96.6\% |  |  |
| Q18 | Relativelyrare | 24.2\% | 22.9\% | 0.131 | 0.718 | 25.1\% | 22.7\% | 0.612 | 0.434 | 19.7\% | 25.6\% | 3.230 | 0.072 |
|  | Relativelyoften | 75.8\% | 77.1\% |  |  | 74.9\% | 77.3\% |  |  | 80.3\% | 74.4\% |  |  |
| Q19 | Relativelyrare | 37.5\% | 34.6\% | 0.551 | 0.458 | 34.3\% | 38.9\% | 1.705 | 0.192 | 35.9\% | 37.2\% | 0.112 | 0.738 |
|  | Relativelyoften | 62.5\% | 65.4\% |  |  | 65.7\% | 61.1\% |  |  | 64.1\% | 62.8\% |  |  |
| Q20 | Relativelyrare | 14.4\% | 17.6\% | 1.203 | 0.273 | 16.9\% | 13.7\% | 1.501 | 0.220 | 15.0\% | 15.3\% | 0.015 | 0.903 |
|  | Relativelyoften | 85.6\% | 82.4\% |  |  | 83.1\% | 86.3\% |  |  | 85.0\% | 84.7\% |  |  |
| Q21 | Relativelyrare | 25.2\% | 23.9\% | 0.140 | 0.709 | 26.0\% | 23.9\% | 0.431 | 0.511 | 22.6\% | 25.8\% | 0.882 | 0.348 |
|  | Relativelyoften | 74.8\% | 76.1\% |  |  | 74.0\% | 76.1\% |  |  | 77.4\% | 74.2\% |  |  |
| Q22 | Relativelyrare | 77.0\% | 77.6\% | 0.028 | 0.867 | 79.2\% | 75.4\% | 1.651 | 0.199 | 80.3\% | 75.8\% | 1.941 | 0.164 |
|  | Relativelyoften | 23.0\% | 22.4\% |  |  | 20.8\% | 24.6\% |  |  | 19.7\% | 24.2\% |  |  |
| Q23 | Relativelyrare | 33.0\% | 35.1\% | 0.309 | 0.578 | 32.6\% | 34.4\% | 0.272 | 0.602 | 28.6\% | 35.6\% | 3.612 | 0.057 |
|  | Relativelyoften | 67.0\% | 64.9\% |  |  | 67.4\% | 65.6\% |  |  | 71.4\% | 64.4\% |  |  |
| Q24 | Relativelyrare | 25.6\% | 24.4\% | 0.118 | 0.731 | 21.8\% | 28.3\% | 4.276 | 0.039 | 26.9\% | 24.6\% | 0.473 | 0.492 |
|  | Relativelyoften | 74.4\% | 75.6\% |  |  | 78.2\% | 71.7\% |  |  | 73.1\% | 75.4\% |  |  |

Table S4. The parental practices in association with the child's sex, birth order and the existence of sib-lings. Group: Children with gastrointestinal diseases.

|  |  | Child'ssex |  |  |  | OnlyChild |  |  |  | First born |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Male | Female | Chi square | $p$ | No | Yes | Chi square | $p$ | $\begin{gathered} \text { No } \\ N=50 \end{gathered}$ | $\begin{gathered} \text { Yes } \\ N=91 \end{gathered}$ | Chi square | $p$ |
|  |  | N=77 | $\boldsymbol{N}=\mathbf{6 4}$ |  |  | N = 95 | $N=46$ |  |  |  |  |  |  |
| Q1 | Relativelyrare | 14.3\% | 26.6\% | 3.310 | 0.069 | 18.9\% | 21.7\% | 0.152 | 0.697 | 18.0\% | 20.9\% | 0.168 | 0.682 |
|  | Relativelyoften | 85.7\% | 73.4\% |  |  | 81.1\% | 78.3\% |  |  | 82.0\% | 79.1\% |  |  |
| Q2 | Relativelyrare | 34.4\% | 24.7\% | 1.594 | 0.207 | 30.5\% | 26.1\% | 0.296 | 0.586 | 30.0\% | 28.6\% | 0.032 | 0.858 |
|  | Relativelyoften | 65.6\% | 75.3\% |  |  | 69.5\% | 73.9\% |  |  | 70.0\% | 71.4\% |  |  |
| Q3 | Relativelyrare | 21.9\% | 15.6\% | 0.920 | 0.338 | 17.9\% | 19.6\% | 0.058 | 0.810 | 18.0\% | 18.7\% | 0.010 | 0.921 |
|  | Relativelyoften | 78.1\% | 84.4\% |  |  | 82.1\% | 80.4\% |  |  | 82.0\% | 81.3\% |  |  |
| Q4 | Relativelyrare | 64.9\% | 45.3\% | 5.462 | 0.019 | 53.7\% | 60.9\% | 0.649 | 0.420 | 56.0\% | 56.0\% | 0.001 | 0.996 |
|  | Relativelyoften | 35.1\% | 54.7\% |  |  | 46.3\% | 39.1\% |  |  | 44.0\% | 44.0\% |  |  |
| Q5 | Relativelyrare | 27.3\% | 18.8\% | 1.416 | 0.234 | 18.9\% | $32.6 \%$ | 3.227 | 0.072 | $20.0 \%$ | 25.3\% | 0.501 | 0.479 |
|  | Relativelyoften | 72.7\% | 81.3\% |  |  | $81.1 \%$ | $67.4 \%$ |  |  | $80.0 \%$ | 74.7\% |  |  |
| Q6 | Relativelyrare | 20.8\% | 15.6\% | 0.617 | 0.432 | 17.9\% | 19.6\% | 0.058 | 0.810 | 20.0\% | 17.6\% | 0.125 | 0.723 |
|  | Relativelyoften | 79.2\% | 84.4\% |  |  | 82.1\% | 80.4\% |  |  | 80.0\% | 82.4\% |  |  |
| Q7 | Relativelyrare | 5.2\% | 6.3\% | 0.073 | 0.787 | 6.3\% | 4.3\% | 0.224 | 0.636 | 6.0\% | 5.5\% | 0.015 | 0.901 |
|  | Relativelyoften | 94.8\% | 93.8\% |  |  | 93.7\% | 95.7\% |  |  | 94.0\% | 94.5\% |  |  |
| Q8 | Relativelyrare | 14.3\% | 9.4\% | 0.795 | 0.373 | 12.6\% | 10.9\% | 0.091 | 0.763 | 14.0\% | 11.0\% | 0.276 | 0.599 |
|  | Relativelyoften | 85.7\% | 90.6\% |  |  | 87.4\% | 89.1\% |  |  | 86.0\% | 89.0\% |  |  |
| Q9 | Relativelyrare | 39.0\% | 37.5\% | 0.032 | 0.859 | 37.9\% | 39.1 | 0.020 | 0.887 | 46.0\% | 34.1\% | 1.945 | 0.163 |
|  | Relativelyoften | 61.0\% | 62.5\% |  |  | 62.1\% | 60.9\% |  |  | 54.0\% | 65.9\% |  |  |
| Q10 | Relativelyrare | 24.7\% | 18.8\% | 0.715 | 0.398 | 17.9\% | 30.4\% | 2.841 | 0.092 | 22.0\% | 22.0\% | 0.001 | 0.998 |
|  | Relativelyoften | 75.3\% | 81.3\% |  |  | 82.1\% | 69.6\% |  |  | 78.0\% | 78.0\% |  |  |
| Q11 | Relativelyrare | 57.1\% | 59.4\% | 0.072 | 0.789 | 56.8\% | 60.9\% | 0.207 | 0.649 | 60.0\% | 57.1\% | 0.108 | 0.742 |
|  | Relativelyoften | 42.9\% | 40.6\% |  |  | 43.2\% | 39.1\% |  |  | 40.0\% | 42.9\% |  |  |
| Q12 | Relativelyrare | 64.9\% | 85.9\% | 8.108 | 0.004 | 78.9\% | 62.5\% | 3.073 | 0.080 | 80.0\% | 71.4\% | 1.247 | 0.264 |
|  | Relativelyoften | 35.1\% | 14.1\% |  |  | 21.1\% | 34.8\% |  |  | 20.0\% | 28.6\% |  |  |
| Q13 | Relativelyrare | 41.6\% | 32.8\% | 1.140 | 0.286 | 45.3\% | 21.7\% | 7.311 | 0.007 | 46.0\% | 33.0\% | 2.336 | 0.126 |
|  | Relativelyoften | 58.4\% | 67.2\% |  |  | 54.7\% | 78.3\% |  |  | 54.0\% | 67.0\% |  |  |
| Q14 | Relativelyrare | 68.8\% | 82.8\% | 3.661 | 0.056 | 76.8\% | 71.7\% | 0.432 | 0.511 | 78.0\% | 73.6\% | 0.331 | 0.565 |
|  | Relativelyoften | 31.2\% | 17.2\% |  |  | 23.2\% | 28.3\% |  |  | 22.0\% | 26.4\% |  |  |
| Q15 | Relativelyrare | 54.5\% | 57.8\% | 0.151 | 0.697 | 57.9\% | 52.2\% | 0.412 | 0.521 | 64.0\% | 51.6\% | 1.998 | 0.157 |


| Q16 | Relativelyoften | 45.5\% | 42.2\% | 0.050 | 0.822 | 42.1\% | 47.8\% | 0.001 | 0.969 | 36.0\% | $\begin{aligned} & \hline 48.4 \% \\ & 24.2 \% \\ & 75.8 \% \end{aligned}$ | 0.001 | 0.981 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Relativelyrare | 23.4\% | 25.0\% |  |  | 24.2\% | 23.9\% |  |  | 24.0\% |  |  |  |
|  | Relativelyoften | 76.6\% | 75.0\% |  |  | 75.8\% | 76.1\% |  |  | 76.0\% |  |  |  |
| Q17 | Relativelyrare | 1.3\% | 3.1\% | 0.560 | 0.454 | 3.2\% | 0.0\% | 1.484 | 0.223 | 2.0\% | $\begin{gathered} 2.2 \% \\ 97.8 \% \end{gathered}$ | 0.006 | 0.938 |
|  | Relativelyoften | 98.7\% | 96.9\% |  |  | 96.8\% | 100.0\% |  |  | 98.0\% |  |  |  |
| Q18 | Relativelyrare | 32.5\% | 27.0\% | 0.496 | 0.481 | 32.6\% | 24.4\% | 0.975 | 0.324 | 28.0\% | 31.1\% | 0.148 | 0.700 |
|  | Relativelyoften | 67.5\% | 73.0\% |  |  | 67.4\% | 75.6\% |  |  | 72.0\% | 68.9\% |  |  |
| Q19 | Relativelyrare | 39.5\% | 40.3\% | 0.010 | 0.919 | 38.7\% | 42.2\% | 0.156 | 0.693 | 40.8\% | 39.3\% | 0.029 | 0.864 |
|  | Relativelyoften | 60.5\% | 59.7\% |  |  | 61.3\% | 57.8\% |  |  | 59.2\% | 60.7\% |  |  |
| Q20 | Relativelyrare | 21.1\% | 14.5\% | 0.983 | 0.321 | 15.1\% | 24.4\% | 1.803 | 0.179 | 18.4\% | 18.0\% | 0.003 | 0.955 |
|  | Relativelyoften | 78.9\% | 85.5\% |  |  | 84.9\% | 75.6\% |  |  | 81.6\% | 82.0\% |  |  |
| Q21 | Relativelyrare | $31.6 \%$ | $26.6 \%$ | 0.422 | 0.516 | $27.7 \%$ | $32.6 \%$ | 0.365 | 0.546 | $32.7 \%$ | $27.5 \%$ | 0.413 | 0.521 |
|  | Relativelyoften | 68.4\% | $73.4 \%$ |  |  | $72.3 \%$ | $67.4 \%$ |  |  | $67.3 \%$ | $72.5 \%$ |  |  |
| Q22 | Relativelyrare | 73.7\% | 78.1\% | 0.373 | 0.542 | 81.9\% | 63.0\% | 5.982 | 0.014 | 77.6\% | 74.7\% | 0.138 | 0.710 |
|  | Relativelyoften | 26.3\% | 21.9\% |  |  | 18.1\% | 37.0\% |  |  | 22.4\% | 25.3\% |  |  |
| Q23 | Relativelyrare | 27.6\% | 25.0\% | 0.124 | 0.725 | 24.5\% | 30.4\% | 0.566 | 0.452 | 24.5\% | 27.5\% | 0.146 | 0.703 |
|  | Relativelyoften | 72.4\% | 75.0\% |  |  | 75.5\% | 69.6\% |  |  | 75.5\% | 72.5\% |  |  |
| Q24 | Relativelyrare | 26.3\% | 29.7\% | 0.197 | 0.658 | 31.9\% | 19.6\% | 2.344 | 0.126 | 36.7\% | 23.1\% | 2.956 | 0.086 |
|  | Relativelyoften | 73.7\% | 70.3\% |  |  | 68.1\% | 80.4\% |  |  | 63.3\% | 76.9\% |  |  |

Table S5. The parental practices in association with the child's age group, parent's sex, and child-parent sex concurrence. Group: Children with gastrointestinal diseases.

|  |  | Child'sagegroup |  |  |  | Parent'ssex |  |  |  | Sexconcordance |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\leq 5$ years | >5 years | - |  | Female | Male | Ch |  | No Yes | Chi |  |
| Q1 |  | $N=99$ | $N=42$ | square | $p$ | $N=136$ | $N=5$ | square | $p$ | $\begin{array}{cc} N= & N= \\ 80 & 61 \end{array}$ | square | $p$ |
|  | Relativelyrare | 21.2\% | 16.7\% | 0.383 | 0.536 | 19.9\% | 20.0\% | 0.001 | 0.994 | 15,0\% 26.2\% | 2.742 | 0.098 |
|  | Relativelyofte n | 78.8\% | 83.3\% |  |  | 80.1\% | 80.0\% |  |  | 85,0\% 73.8\% |  |  |
| Q2 | Relativelyrare | 33.3\% | 19.0\% | 2.918 | 0.088 | 29.4\% | 20.0\% | 0.207 | 0.649 | 25.0\% 34.4\% | 1.491 | 0.222 |
|  | Relativelyofte n | 66.7\% | 81.0\% |  |  | 70.6\% | 80.0\% |  |  | 75.0\% 65.6\% |  |  |
| Q3 | Relativelyrare | 20.2\% | 14.3\% | 0.686 | 0.407 | 18.4\% | 20.0\% | 0.008 | 0.927 | 16.3\% 21.3\% | 0.590 | 0.443 |
|  | Relativelyofte n | 79.8\% | 85.7\% |  |  | 81.6\% | 80.0\% |  |  | 83.8\% 78.7\% |  |  |
| Q4 | Relativelyrare | 59.6\% | 47.6\% | 1.717 | 0.190 | 55.1\% | 80.0\% | 1.209 | 0.272 | 67.5\% 41,0\% | 9.878 | 0.002 |
|  | Relativelyofte n | 40.4\% | 52.4\% |  |  | 44.9\% | 20.0\% |  |  | 32.5\% 59,0\% |  |  |
| Q5 | Relativelyrare | 29.3\% | 9.5\% | 6.429 | 0.011 | 23.5\% | 20.0\% | 0.034 | 0.855 | 27.5\% 18.0\% | 1.730 | 0.188 |
|  | Relativelyofte n | 70.7\% | 90.5\% |  |  | 76.5\% | 80.0\% |  |  | 72.5\% 82.0\% |  |  |
| Q6 | Relativelyrare | 24.2\% | 4.8\% | 7.441 | 0.006 | 18.4\% | 20.0\% | 0.008 | 0.927 | 21.3\% 14.8\% | 0.971 | 0.324 |
|  | Relativelyofte n | 75.8\% | 95.2\% |  |  | 81.6\% | 80.0\% |  |  | 78.8\% 85.2\% |  |  |
| Q7 | Relativelyrare | 5.1\% | 7.1\% | 0.241 | 0.623 | 5.9\% | 0.0\% | 0.312 | 0.577 | 5.0\% 6.6\% | 0.157 | 0.692 |
|  | Relativelyofte n | 94.9\% | 92.9\% |  |  | 94.1\% | 100.0\% |  |  | 95.0\% 93.4\% |  |  |
| Q8 | Relativelyrare | 12.1\% | 11.9\% | 0.001 | 0.971 | 11.8\% | 20.0\% | 0.308 | 0.579 | 15.0\% 8.2\% | 1.511 | 0.219 |
|  | Relativelyofte n | 87.9\% | 88.1\% |  |  | 88.2\% | 80.0\% |  |  | 85.0\% 91.8\% |  |  |
| Q9 | Relativelyrare | 49.5\% | 11.9\% | 17.634 | <0.001 | 38.2\% | 40.0\% | 0.006 | 0.936 | 40.0\% 36.1\% | 0.227 | 0.634 |
|  | Relativelyofte n | 50.5\% | 88.1\% |  |  | 61.8\% | 60.0\% |  |  | 60.0\% 63.9\% |  |  |
| Q10 | Relativelyrare | 28.3\% | 7.1\% | 7.683 | 0.006 | 21.3\% | 40.0\% | 0.981 | 0.322 | 23.8\% 19.7\% | 0.336 | 0.562 |


|  | Relativelyofte n | 71.7\% | 92.9\% |  |  | 78.7\% | 60.0\% |  |  | 76.3\% 80.3\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q11 | Relativelyrare | 59.6\% | 54.8\% | 0.283 | 0.595 | 57.4\% | 80.0\% | 1.016 | 0.313 | 57.5\% 59.0\% | 0.033 | 0.856 |
|  | Relativelyofte <br> n | 40.4\% | 45.2\% |  |  | 42.6\% | 20.0\% |  |  | 42.5\% 41.0\% |  |  |
| Q12 | Relativelyrare | 71.7\% | 81.0\% | 1.323 | 0.250 | 74.3\% | 80.0\% | 0.083 | 0.773 | 65,0\% 86.9\% | 8.719 | 0.003 |
|  | Relativelyofte <br> n | 28.3\% | 19.0\% |  |  | 25.7\% | 20.0\% |  |  | 35,0\% 13.1\% |  |  |
| Q13 | Relativelyrare | 34.3\% | 45.2\% | 1.492 | 0.222 | 36.8\% | 60.0\% | 1.110 | 0.292 | 41.3\% 32.8\% | 1.057 | 0.304 |
|  | Relativelyofte <br> n | 65.7\% | 54.8\% |  |  | 63.2\% | 40.0\% |  |  | 58.8\% 67.2\% |  |  |
| Q14 | Relativelyrare | 73.7\% | 78.6\% | 0.369 | 0.543 | 74.3\% | 100.0\% | 1.712 | 0.191 | 70.0\% 82.0\% | 2.656 | 0.103 |
|  | Relativelyofte <br> n | 26.3\% | 21.4\% |  |  | 25.7\% | 0.0\% |  |  | 30.0\% 18.0\% |  |  |
| Q15 | Relativelyrare | 52.5\% | 64.3\% | 1.656 | 0.198 | 54.4\% | 100.0\% | 4.068 | 0.044 | 56.3\% 55.7\% | 0.004 | 0.952 |
|  | Relativelyofte n | 47.5\% | 35.7\% |  |  | 45.6\% | 0.0\% |  |  | 43.8\% 44.3\% |  |  |
| Q16 | Relativelyrare | 23.2\% | 26.2\% | 0.141 | 0.707 | 24.3\% | 20.0\% | 0.048 | 0.827 | 21.3\% 27.9\% | 0.829 | 0.363 |
|  | Relativelyofte <br> n | 76.8\% | 73.8\% |  |  | 75.7\% | 80.0\% |  |  | 78.8\% 72.1\% |  |  |
| Q17 | Relativelyrare | 2.0\% | 2.4\% | 0.018 | 0.892 | 2.2\% | 0.0\% | 0.113 | 0.737 | 1.3\% 3.5\% | 0.684 | 0.408 |
|  | Relativelyofte n | 98.0\% | 97.6\% |  |  | 97.8\% | 100.0\% |  |  | 98.8\% 96.7\% |  |  |
| Q18 | Relativelyrare | 33.7\% | 21.4\% | 2.099 | 0.147 | 30.4\% | 20.0\% | 0.247 | 0.619 | 32.5\% 26.7\% | 0.556 | 0.456 |
|  | Relativelyofte <br> n | 66.3\% | 78.6\% |  |  | 69.6\% | 80.0\% |  |  | 67.5\% 73.3\% |  |  |
| Q19 | Relativelyrare | 38.1\% | 43.9\% | 0.399 | 0.528 | 40.6\% | 20.0\% | 0.853 | 0.356 | 39.2\% 40.7\% | 0.029 | 0.865 |
|  | Relativelyofte <br> n | 61.9\% | 56.1\% |  |  | 59.4\% | 80.0\% |  |  | 60.8\% 59.3\% |  |  |
| Q20 | Relativelyrare | 16.5\% | 22.0\% | 0.578 | 0.447 | 18.8\% | 0.0\% | 1.148 | 0.284 | 20.3\% 15.3\% | 0.569 | 0.451 |
|  | Relativelyofte <br> n | 83.5\% | 78.0\% |  |  | 81.2\% | 100.0\% |  |  | 79.7\% 84.7\% |  |  |
| Q21 | Relativelyrare | 30.6\% | 26.2\% | 0.278 | 0.598 | 30.4\% | 0.0\% | 2.147 | 0.143 | 30.4\% 27.9\% | 0.105 | 0.746 |


|  | Relativelyofte <br> n | 69.4\% | 73.8\% |  |  | 69.6\% | 100.0\% |  |  | 69.6\% 72.1\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q22 | Relativelyrare | 73.5\% | 81.0\% | 0.895 | 0.344 | 76.3\% | 60.0\% | 0.696 | 0.404 | 72.2\% 80.3\% | 1.251 | 0.263 |
|  | Relativelyofte <br> n | 26.5\% | 19.0\% |  |  | 23.7\% | 40.0\% |  |  | $27.8 \% \quad \begin{gathered} 191.7 \\ \% \end{gathered}$ |  |  |
| Q23 | Relativelyrare | 26.5\% | 26.2\% | 0.002 | 0.967 | 27.4\% | 0.0\% | 1.863 | 0.172 | 26.6\% 26.2\% | 0.002 | 0.963 |
|  | Relativelyofte <br> n | 73.5\% | 73.8\% |  |  | 72.6\% | 100.0\% |  |  | 73.4\% 73.8\% |  |  |
| Q24 | Relativelyrare | 27.6\% | 28.6\% | 0.015 | 0.902 | 27.4\% | 40.0\% | 0.380 | 0.537 | 25.3\% 31.1\% | 0.583 | 0.445 |
|  | Relativelyofte <br> n | 72.4\% | 71.4\% |  |  | 72.6\% | 60.0\% |  |  | 74.7\% 68.9\% |  |  |

Table S6. The parental practices in association with the parent's age, education and employment status. Group: Children with gastrointestinal diseases.

|  |  | Parent'sagegroup |  |  |  | Parent'seducation |  |  |  | WorkingParent |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | <40 years | $\geq 40$ years | Chi | $p$ | $\leq 12$ <br> years | $>12$ <br> years | Chi | $p$ |  | Yes | Chi | $p$ |
| Q1 |  | $N=109$ | $N=32$ |  |  | $N=49$ | $N=92$ |  |  | $N=84$ | $N=57$ |  |  |
|  | Relativelyrare | 22.0\% | 12.5\% | 1.408 | 0.235 | 16.3\% | 21.7\% | 0.589 | 0.443 | 14.0\% | 23.8\% | 2.039 | 0.153 |
|  | Relativelyoften | 78.0\% | 87.5\% |  |  | 83.7\% | 78.3\% |  |  | 86.0\% | 76.2\% |  |  |
| Q2 | Relativelyrare | 32.1\% | 18.8\% | 2.141 | 0.143 | 22.4\% | 32.6\% | 1.600 | 0.206 | 14,0\% | 39.3\% | 10.499 | 0.001 |
|  | Relativelyoften | 67.9\% | 81.3\% |  |  | 77.6\% | 67.4\% |  |  | 86,0\% | 60.7\% |  |  |
| Q3 | Relativelyrare | 21.1\% | 9.4\% | 2.262 | 0.133 | 20.4\% | 17.4\% | 0.193 | 0.660 | 15.8\% | 20.2\% | 0.447 | 0.504 |
|  | Relativelyoften | 78.9\% | 90.6\% |  |  | 79.6\% | 82.6\% |  |  | 84.2\% | 79.8\% |  |  |
| Q4 | Relativelyrare | 59.6\% | 43.8\% | 2.533 | 0.111 | 55.1\% | 56.5\% | 0.026 | 0.872 | 59.6\% | 53.6\% | 0.509 | 0.476 |
|  | Relativelyoften | 40.4\% | 56.3\% |  |  | 44.9\% | 43.5\% |  |  | 40.4\% | 46.4\% |  |  |
| Q5 | Relativelyrare | 26.6\% | 12.5\% | 2.746 | 0.098 | 24.5\% | 22.8\% | 0.049 | 0.824 | 19.3\% | 26.2\% | 0.900 | 0.343 |
|  | Relativelyoften | 73.4\% | 87.5\% |  |  | 75.5\% | 77.2\% |  |  | 80.7\% | 73.8\% |  |  |
| Q6 | Relativelyrare | 19.3\% | 15.6\% | 0.218 | 0.641 | 24.5\% | $15.2 \%$ | 1.828 | 0.176 | $19.3 \%$ | $17.9 \%$ | 0.047 | 0.829 |
|  | Relativelyoften | 80.7\% | 84.4\% |  |  | $75.5 \%$ | $84.8 \%$ |  |  | $80.7 \%$ | 82.1\% |  |  |
| Q7 | Relativelyrare | 6.4\% | 3.1\% | 0.502 | 0.478 | 6.1\% | 5.4\% | 0.028 | 0.867 | 6.0\% | 5.3\% | 0.030 | 0.862 |
|  | Relativelyoften | 93.6\% | 96.9\% |  |  | 93.9\% | 94.6\% |  |  | 94.0\% | 94.7\% |  |  |
| Q8 | Relativelyrare | 13.8\% | 6.3\% | 1.316 | 0.251 | 16.3\% | 9.8\% | 1.291 | 0.256 | 12.3\% | 11.9\% | 0.005 | 0.946 |
|  | Relativelyoften | 86.2\% | 93.8\% |  |  | 83.7\% | 90.2\% |  |  | 87.7\% | 88.1\% |  |  |
| Q9 | Relativelyrare | 42.2\% | 25,0\% | 3.098 | 0.078 | 36.7\% | 39.1\% | 0.078 | 0.781 | 45.6\% | 33.3\% | 2.167 | 0.141 |
|  | Relativelyoften | 57.8\% | 75,0\% |  |  | 63.3\% | 60.9\% |  |  | 54.4\% | 66.7\% |  |  |
| Q10 | Relativelyrare | 23.9\% | 15.6\% | 0.976 | 0.323 | 22.4\% | 21.7\% | 0.009 | 0.923 | 26.3\% | 19.0\% | 1.046 | 0.306 |
|  | Relativelyoften | 76.1\% | 84.4\% |  |  | 77.6\% | 78.3\% |  |  | 73.7\% | 81.0\% |  |  |
| Q11 | Relativelyrare | 59.6\% | 53.1\% | 0.431 | 0.512 | 57.1\% | 58.7\% | 0.032 | . 859 | 57.9\% | 58.3\% | 0.003 | 0.959 |
|  | Relativelyoften | 40.4\% | 46.9\% |  |  | 42.9\% | 41.3\% |  |  | 42.1\% | 41.7\% |  |  |
| Q12 | Relativelyrare | 70.6\% | 87.5\% | 3.697 | 0.054 | 77.6\% | 72.8\% | 0.375 | . 540 | 70.2\% | 77.4\% | 0.927 | 0.336 |
|  | Relativelyoften | 29.4\% | 12.5\% |  |  | 22.4\% | 27.2\% |  |  | 29.8\% | 22.6\% |  |  |
| Q13 | Relativelyrare | 40.4\% | 28.1\% | 1.580 | 0.209 | 44.9\% | 33.7\% | 1.710 | . 191 | 43.9\% | 33.3\% | 1.604 | 0.205 |
|  | Relativelyoften | 59.6\% | 71.9\% |  |  | 55.1\% | 66.3\% |  |  | 56.1\% | 66.7\% |  |  |
| Q14 | Relativelyrare | 71.6\% | 87.5\% | 3.368 | 0.066 | 73.5\% | 76.1\% | 0.117 | . 732 | 80.7\% | 71.4\% | 1.565 | 0.211 |
|  | Relativelyoften | 28.4\% | 12.5\% |  |  | 26.5\% | 23.9\% |  |  | 19.3\% | 28.6\% |  |  |
| Q15 | Relativelyrare | 57.8\% | 50.0\% | 0.611 | 0.435 | 55.1\% | 56.5\% | 0.026 | . 872 | 63.2\% | 51.2\% | 1.974 | 0.160 |


| Q16 | Relativelyoften | 42.2\% | 50.0\% | 1.152 | 0.283 | 44.9\% | 43.5\% | 0.114 | . 736 | 36.8\% | $\begin{aligned} & \hline 48.8 \% \\ & 21.4 \% \end{aligned}$ | 0.819 | 0.366 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Relativelyrare | 22.0\% | 31.3\% |  |  | 22.4\% | 25.0\% |  |  | 28.1\% |  |  |  |
|  | Relativelyoften | 78.0\% | 68.8\% |  |  | 77.6\% | 75.0\% |  |  | 71.9\% | 78.6\% |  |  |
| Q17 | Relativelyrare | 2.8\% | 0.0\% | 0.900 | 0.343 | 2.0\% | 2.2\% | 0.003 | . 958 | 1.8\% | 2.4\% | 0.064 | 0.800 |
|  | Relativelyoften | 97.2\% | 100.0\% |  |  | 98.0\% | 97.8\% |  |  | 98.2\% | 97.6\% |  |  |
| Q18 | Relativelyrare | 33.3\% | 18.8\% | 2.500 | 0.114 | 30.6\% | 29.7\% | 0.013 | . 908 | 21.1\% | 36.1\% | 3.665 | 0.056 |
|  | Relativelyoften | 66.7\% | 81.3\% |  |  | 69.4\% | 70.3\% |  |  | 78.9\% | 63.9\% |  |  |
| Q19 | Relativelyrare | 42.1\% | 32.3\% | 0.963 | 0.327 | 36.2\% | 41.8\% | 0.404 | . 525 | 35.7\% | 42.7\% | 0.674 | 0.412 |
|  | Relativelyoften | 57.9\% | 67.7\% |  |  | 63.8\% | 58.2\% |  |  | 64.3\% | 57.3\% |  |  |
| Q20 | Relativelyrare | 15.9\% | 25.8\% | 1.594 | 0.207 | 20.8\% | 16.7\% | 0.366 | . 545 | 17.9\% | 18.3\% | 0.004 | 0.948 |
|  | Relativelyoften | 84.1\% | 74.2\% |  |  | 79.2\% | 83.3\% |  |  | 82.1\% | 81.7\% |  |  |
| Q21 | Relativelyrare | 30.6\% | 25.0\% | 0.368 | 0.544 | 26.5\% | 30.8\% | 0.276 | 0.599 | 26.3\% | 31.3\% | 0.409 | 0.522 |
|  | Relativelyoften | 69.4\% | 75.0\% |  |  | 73.5\% | 69.2\% |  |  | 73.7\% | 68.7\% |  |  |
| Q22 | Relativelyrare | 73.1\% | 84.4\% | 1.692 | 0.193 | 75.5\% | 75.8\% | 0.002 | 0.967 | 80.7\% | 72.3\% | 1.301 | 0.254 |
|  | Relativelyoften | 26.9\% | 15.6\% |  |  | 24.5\% | 24.2\% |  |  | 19.3\% | 27.7\% |  |  |
| Q23 | Relativelyrare | 26.9\% | 25.0\% | 0.044 | 0.835 | 26.5\% | 26.4\% | 0.001 | 0.984 | 21.1\% | 30.1\% | 1.429 | 0.232 |
|  | Relativelyoften | 73.1\% | 75.0\% |  |  | 73.5\% | 73.6\% |  |  | 78.9\% | 69.9\% |  |  |
| Q24 | Relativelyrare | 26.9\% | 31.3\% | 0.238 | 0.626 | 22.4\% | 30.8\% | 1.097 | $0.295$ | 29.8\% | 26.5\% | 0.185 | 0.667 |
|  | Relativelyoften | 73.1\% | 68.8\% |  |  | 77.6\% | 69.2\% |  |  | 70.2\% | 73.5\% |  |  |

Table S7. Associations between items 1-24 and demographics as well with group. Two-layer chi-square.

| Item | Child's sex | Only child | Firstborn | Child's age group ( $\leq 5$ years vs $>5$ years) | Parent's sex $\begin{gathered}\text { Sex } \\ \text { concordance }\end{gathered}$ | Parent's age group (<40 years vs $\geq 40$ years) | $\begin{gathered} \text { Parent's education } \\ \text { ( } \leq 12 \text { years } \\ \text { vs }>12 \text { years }) \end{gathered}$ | Working parent |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q1 | 0.171 (.679) | 2.680 (.102) | $\begin{aligned} & 4.224 \\ & (.040) \end{aligned}$ | 0.269 (0.604) | 1.834 (0.176) 1.076 (0.300) | 0.380 (0.538) | 5.914 (0.015) | 0.768 (0.381) |
| Q2 | 0.080 (.777) | 0.027 (.870) | $\begin{aligned} & 0.774 \\ & (.379) \\ & \hline \end{aligned}$ | 1.401 (0.237) | 1.085 (0.298) 0.652(0.419) | 0.052 (0.819) | 10.233 (0.001) | 6.322 (0.012) |
| Q3 | 0.029 (.866) | 0.269 (.604) | $\begin{aligned} & 0.319 \\ & (.572) \end{aligned}$ | 0.056 (0.812) | 0.019 (0.890) 0.376 (0.540) | 1.516 (0.218) | 0.050 (0.823) | 3.304 (0.069) |
| Q4 | 12.667 (<.001) | 0.097 (.755) | $\begin{aligned} & 0.540 \\ & (.463) \\ & \hline \end{aligned}$ | 1.407 (0.236) | $3.328(0.068) \begin{gathered} 12.638(<0.00 \\ 1) \\ \hline \end{gathered}$ | 1.600 (0.206) | 2.645 (0.104) | 9.166 (0.002) |
| Q5 | 3.172 (.075) | 8.593 (.003) | $\begin{aligned} & 3.999 \\ & (.046) \end{aligned}$ | 0.772 (0.380) | 0.003 (0.957) 1.768 (0.184) | 1.024 (0.312) | 7.541 (0.006) | 3.767 (0.052) |
| Q6 | 0.391 (.532) | 4.620 (.032) | $\begin{aligned} & 1.004 \\ & (.316) \end{aligned}$ | 3.228 (0.072) | 0.341 (0.559) 0.785 (0.376) | 0.008 (0.928) | 1.153 (0.283) | 0.525 (0.469) |
| Q7 | 0.728 (.394) | 0.101 (.751) | $\begin{aligned} & 1.258 \\ & (.262) \\ & \hline \end{aligned}$ | 0.539(0.463) | 0.370 (0.543) 2.058(0.151) | 0.026 (0.872) | 4.731 (0.030) | 0.077 (0.782) |
| Q8 | 2.855 (.091) | 0.754 (.385) | $\begin{aligned} & 2.273 \\ & (.132) \\ & \hline \end{aligned}$ | 0.059 (.807) | 0.861 (0.353) 1.573 (0.210) | $3.329(0.068)$ | 15.181 (<0.001) | 2.972 (0.085) |
| Q9 | 6.467(.011) | 13.445 (<.001) | $\begin{aligned} & 5.039 \\ & (.025) \end{aligned}$ | 50.405 (<.001) | 0.006 (0.939) 3.070 (0.080) | 1.412 (0.235) | 2.081 (0.149) | 3.464 (0.063) |
| Q10 | 5.230 (.022) | 12.075 (.001) | $\begin{aligned} & 9.731 \\ & (.002) \end{aligned}$ | 9.065 (.003) | 0.279 (0.579) 3.652 (0.056) | 0.048 (0.827) | 2.040 (0.153) | 2.686 (0.101) |
| Q11 | 3.343 (.067) | 0.792 (.373) | $\begin{aligned} & 7.620 \\ & (.006) \\ & \hline \end{aligned}$ | 0.869(.351) | 0.109 (0.741) 5.475 (0.019) | 1.881 (0.170) | 1.045 (0.307) | 0.812 (0.367) |
| Q12 | 3.922 (.048) | 3.109 (.078) | $\begin{aligned} & 12.871 \\ & (<.001) \\ & \hline \end{aligned}$ | 3.014 (.083) | 0.102 (0.750) 3.453 (0.063) | 3.382 (0.066) | 0.969 (0.325) | 4.871 (0.027) |
| Q13 | 1.812 (.178) | 1.037 (.308) | $\begin{aligned} & 0.840 \\ & (.359) \end{aligned}$ | 5.875 (.015) | 0.130 (0.719) 1.070 (0.301) | 0.328 (0.567) | 3.241 (0.072) | 1.330 (0.249) |
| Q14 | 0.581 (.446) | 0.001 (.990) | $\begin{gathered} 1.162(.28 \\ 1) \\ \hline \end{gathered}$ | 0.022 (.881) | 0.433 (0.511) 0.004(0.949) | 0.144 (0.705) | 0.162 (0.688) | 0.827 (0.363) |


| Q15 | 0.179 (.672) | 0.134 (.714) | $\begin{aligned} & 1.220 \\ & (.269) \end{aligned}$ | 2.341 (.126) | 0.069 (0.793) 0.190 (.663) | 0.976 (.323) | 0.116 (0.733) | 0.163 (0.687) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q16 | 0.011 (.917) | 12.422 (<.001) | $\begin{aligned} & 6.198 \\ & (.013) \end{aligned}$ | 0.202 (.653) | 2.621 (0.105) 0.041 (0.839) | 0.020 (0.888) | 0.060 (0.807) | 0.039 (0.844) |
| Q17 | 2.530 (.112) | 0.196 (.658) | $\begin{aligned} & 0.001 \\ & (.994) \end{aligned}$ | 0.189 (.664) | 1.338 (0.247) 4.102 (0.043) | 2.233 (0.135) | 0.326 (0.568) | 4.260 (0.039) |
| Q18 | 0.417 (.519) | 0.281 (.596) | $\begin{aligned} & 2.614 \\ & (.106) \\ & \hline \end{aligned}$ | 1.581 (.209) | 4.082 (0.043) $0.3250(.569)$ | 1.002 (0.317) | 0.403 (0.526) | 5.365 (0.021) |
| Q19 | 0.031 (.860) | 0.445 (.505) | $\begin{aligned} & \hline 0.201 \\ & (.654) \\ & \hline \end{aligned}$ | 1.098 (.295) | 0.707 (0.401) 0.384 (0.535) | 1.158 (0.282) | 2.257 (0.133) | 0.345 (0.557) |
| Q20 | 0.263 (.608) | 0.020 (.889) | $\begin{aligned} & 0.243 \\ & (.622) \end{aligned}$ | 0.548 (.459) | 0.697(0.404) 0.043 (0.836) | 2.178 (0.140) | 1.658 (0.198) | 0.004 (0.947) |
| Q21 | 0.053 (.817) | 0.120 (.729) | $\begin{aligned} & 1.272 \\ & (.259) \\ & \hline \end{aligned}$ | 2.394 (.122) | 0.910 (0.340) 0.001 (0.997) | 0.372 (0.542) | 0.095 (0.758) | 1.055 (0.304) |
| Q22 | 2.080 (.149) | 6.328 (.012) | $\begin{aligned} & 2.024 \\ & (.155) \end{aligned}$ | 3.164 (.075) | 0.009 (0.923) 0.333 (0.564) | 0.436 (0.509) | 1.434 (0.231) | 2.915 (0.088) |
| Q23 | 4.412 (.036) | 1.057 (.304) | $\begin{aligned} & 0.078 \\ & (.779) \\ & \hline \end{aligned}$ | 0.141 (.707) | 1.181 (0.277) 5.245 (0.022) | 0.241 (0.623) | 0.119 (0.730) | 5.483 (0.019) |
| Q24 | 1.486 (.223) | 6.249 (.012) | $\begin{aligned} & 3.940 \\ & (.047) \end{aligned}$ | 0.157 (.692) | 3.349 (0.067) 0.154 (0.695) | 0.022 (0.883) | 5.545 (0.019) | 0.733 (0.392) |

For this analysis the 2-point coding of questions 1-24 was used (as in the supplementary tables S1-S6). Chi-square values are presented followed by $p$-values in parenthesis; p -values lower than 0.05 are shown in bold.

