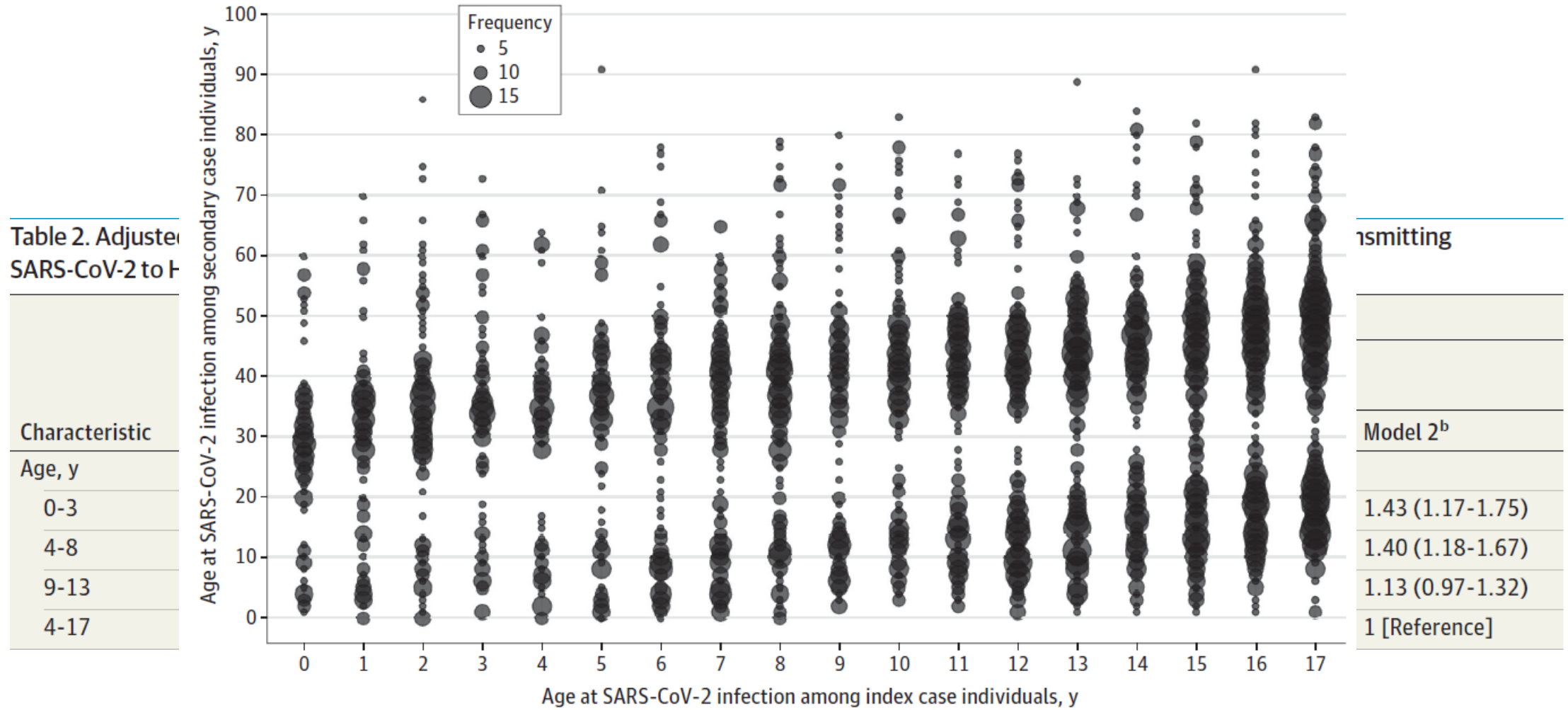


Table 1. Characteristics of Pediatric Index Cases by Age Group

| Characteristic | Age, No. (%), y | | | | |
|--|-----------------|---------------|---------------|---------------|---------------|
| | 0-3 | 4-8 | 9-13 | 14-17 | >17 |
| Testing delay distribution, d | | | | | |
| Asymptomatic ^b | 104 (15.3) | 236 (22.5) | 324 (20.1) | 278 (13.1) | 6541 (9.1) |
| <0 ^c | 37 (5.4) | 71 (6.8) | 72 (4.5) | 107 (5.1) | 3502 (4.9) |
| 0 | 97 (14.3) | 106 (10.1) | 135 (8.4) | 166 (7.8) | 7069 (9.8) |
| 1 | 113 (16.6) | 149 (14.2) | 219 (13.6) | 298 (14.1) | 11 137 (15.5) |
| 2 | 84 (12.4) | 124 (11.8) | 223 (13.8) | 283 (13.4) | 11 242 (15.6) |
| 3 | 69 (10.1) | 97 (9.3) | 153 (9.5) | 242 (11.4) | 8794 (12.2) |
| 4 | 41 (6.0) | 54 (5.2) | 114 (7.1) | 194 (9.2) | 6122 (8.5) |
| ≥5 | 135 (19.9) | 211 (20.1) | 372 (23.1) | 548 (25.9) | 17 619 (24.5) |
| Mean family size, median (IQR) ^d | 3.2 (2.9-3.6) | 3.2 (3.0-3.5) | 3.3 (3.0-3.6) | 3.3 (3.1-3.7) | 3.3 (3.0-3.6) |
| Symptoms reported | 586 (76.5) | 822 (65.4) | 1296 (68.9) | 1856 (78.1) | 65 964 (79.6) |
| Associated with a school/childcare outbreak | 128 (16.7) | 229 (18.2) | 407 (21.6) | 154 (6.5) | 588 (0.7) |
| Before school/childcare reopening ^e | 8 (1.0) | 99 (7.9) | 108 (5.7) | 254 (10.7) | 8189 (9.9) |
| Household size, median (IQR) | 4 (3-5) | 4 (4-5) | 4 (4-5) | 4 (4-5) | 3 (2-4) |

検査時に無症状の小児は20%ほどいます。しかしその後症状は70%まで出現します。

Figure 2. Bubble Plot of Age-to-Age Transmission



インデックスケースの年齢による伝播の対象年齢を示します。親か兄弟に感染させています。

Table 2. Adjusted Odds Ratios and 95% Confidence Intervals for the Associations Between Index Case Age Group and Odds of Transmitting SARS-CoV-2 to Household Contacts

| Characteristic | Index cases, No. (%) | | Crude rate of transmission (per 100 000 households with pediatric index cases) | Odds ratio (95% CI) | | |
|----------------|---|--|--|---------------------|----------------------------------|----------------------|
| | Not associated with secondary cases in the household | Associated with secondary cases in the household | | Crude model | Adjusted Model 1 ^a | Model 2 ^b |
| Age, y | | | | | | |
| 0-3 | 532 (11.7) | 234 (13.6) | 30 548 | 1.20 (1.01-1.44) | 1.21 (1.01-1.45) | 1.43 (1.17-1.75) |
| 4-8 | 909 (19.9) | 348 (20.3) | 27 685 | 1.05 (0.90-1.22) | 1.06 (0.90-1.23) | 1.40 (1.18-1.67) |
| 9-13 | 1382 (30.3) | 499 (29.1) | 26 528 | 0.99 (0.86-1.13) | 0.97 (0.85-1.11) | 1.13 (0.97-1.32) |
| 4-17 | 1740 (38.1) | 636 (37.0) | 26 768 | 1 [Reference] | 1 [Reference] | 1 [Reference] |

統計処理をしても、やはり8歳以下の感染源は高いようです。