**Supplementary table 1.** Demographic of variables of patients and injury in the study cohort. Rate of rupture and tenolysis within each variable.

| Variable                | Total number of patients (% of cohort) | Total number of fingers (% of cohort) | Rupture rate (% fingers in variable) | Tenolysis rate (% fingers in variable) |
|-------------------------|----------------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|
| **Sex**                 |                                        |                                       |                                      |                                        |
| Women                   | 392 (28.6)                             | 429 (27)                              | 10 (2.3)                             | 25 (5.8)                              |
| Men                     | 980 (71.4)                             | 1156 (73)                             | 70 (6.1)                             | 51 (4.4)                              |
| **Age**                 |                                        |                                       |                                      |                                        |
| < 25                    | 379 (27.6)                             | 463 (29.2)                            | 6 (1.3)                              | 20 (4.3)                              |
| 25 - 50                 | 707 (51.5)                             | 811 (51.2)                            | 52 (6.4)                             | 38 (4.7)                              |
| > 50                    | 286 (20.8)                             | 311 (19.6)                            | 22 (7.1)                             | 18 (5.8)                              |
| **Income**              |                                        |                                       |                                      |                                        |
| low                     | 195 (14.2)                             | 223 (14.1)                            | 13 (5.8)                             | 0 (0.0)                               |
| middle                  | 1043 (76)                              | 1213 (76.5)                           | 61 (5.0)                             | 65 (5.4)                              |
| high                    | 104 (7.4)                              | 115 (7.3)                             | 4 (3.5)                              | 10 (8.7)                              |
| missing                 | 30 (2.2)                               | 34 (2.1)                              |                                      |                                        |
| **Education**           |                                        |                                       |                                      |                                        |
| low                     | 222 (16.2)                             | 270 (17)                              | 8 (3.0)                              | 13 (4.8)                              |
| middle                  | 502 (36.6)                             | 588 (37.1)                            | 34 (5.8)                             | 31 (5.3)                              |
| high                    | 294 (21.4)                             | 324 (20)                              | 6.2                                  | 5.6                                   |
| missing                 | 354 (25.8)                             | 403 (25.4)                            |                                      |                                        |
| **Days to surgery**     |                                        |                                       |                                      |                                        |
| < 48h                   | 853 (62.2)                             | 1012 (63.9)                           | 57 (5.6)                             | 49 (4.9)                              |
| > 48h                   | 231 (16.8)                             | 255 (16.1)                            | 16 (6.1)                             | 10 (3.9)                              |
| > 7 days                | 158 (11.5)                             | 166 (10.5)                            | 6 (3.6)                              | 10 (6.0)                              |
| missing                 | 130 (9.5)                              | 152 (9.6)                             |                                      |                                        |
| **Injured hand**        |                                        |                                       |                                      |                                        |
| Left                    | 724 (52.8)                             | 820 (51.7)                            | 37 (4.5)                             | 35 (4.3)                              |
| Right                   | 644 (46.9)                             | 761 (48)                              | 42 (5.5)                             | 41 (5.4)                              |
| missing                 | 4 (0.3)                                | 4 (0.3)                               |                                      |                                        |
| **Number of fingers**   |                                        |                                       |                                      |                                        |
| Single                  | 1201 (87.5)                            | 1201 (75.8)                           | 67 (5.6)                             | 53 (4.4)                              |
| Multiple                | 171 (12.5)                             | 384 (24.2)                            | 13 (3.4)                             | 23 (6.0)                              |

*Income:* disposable income per consumption unit below 60 % of median income for all. Middle income: income between low and high definition. High income: above double the median income.

*Education:* low: pre-high school, middle: high school, and high: post high school.