Supplementary Material: Selective migration and mortality by economic status in Lolland-Falster, Denmark, 1992-2018

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Appendix Table 1: SOCIO13 groups for economic status. Person-years, % of total for residency groups

|                      | Rest of Denmark | Lolland-Falster | In-migrants | Long-term residents |
|----------------------|-----------------|-----------------|-------------|---------------------|
| **Self-supported**   |                 |                 |             |                     |
| 2010-2018            |                 |                 |             |                     |
| Self-employed (≥10 employees) | 0.09%   | 0.14%   | 0.08%   | 0.16%   |
| Self-employed (5-9 employees) | 0.22%   | 0.27%   | 0.13%   | 0.31%   |
| Self-employed (1-4 employees) | 1.33%   | 1.77%   | 0.93%   | 2.03%   |
| Self-employed (0 employees) | 5.00%   | 5.30%   | 4.94%   | 5.41%   |
| Assisting spouses    | 0.19%   | 0.21%   | 0.09%   | 0.25%   |
| Employee with management work | 4.59%   | 3.15%   | 2.80%   | 3.26%   |
| Employee in work that requires skills at the highest level | 17.63%   | 9.95%   | 14.40%   | 8.55%   |
| Employee in work that requires skills at medium level | 21.48%   | 19.09%   | 18.06%   | 19.41%   |
| Employee in work that requires skills at the basic level | 33.35%   | 41.03%   | 38.33%   | 41.87%   |
| Other employees      | 7.13%   | 9.54%   | 9.00%   | 9.71%   |
| Employee, position statement not stated | 8.99%   | 9.56%   | 11.23%   | 9.03%   |
| **Public supported** |                 |                 |             |                     |
| 2000-2009            |                 |                 |             |                     |
| Self-employed (≥10 employees) | 0.13%   | 0.13%   | 0.08%   | 0.14%   |
| Self-employed (5-9 employees) | 0.28%   | 0.35%   | 0.24%   | 0.39%   |
| Self-employed (1-4 employees) | 2.16%   | 2.64%   | 1.79%   | 2.92%   |
| Self-employed (0 employees) | 5.17%   | 5.75%   | 6.22%   | 5.60%   |
| Assisting spouses    | 0.48%   | 0.58%   | 0.20%   | 0.70%   |
| Employee with management work | 3.18%   | 2.29%   | 2.39%   | 2.26%   |
| Employee in work that requires skills at the highest level | 14.01%   | 9.29%   | 13.05%   | 8.07%   |
| Employee in work that requires skills at medium level | 19.00%   | 15.53%   | 17.27%   | 14.97%   |
| Employee in work that requires skills at the basic level | 36.84%   | 41.91%   | 35.40%   | 44.02%   |
| Other employees      | 7.88%   | 9.95%   | 8.75%   | 10.34%   |
| Employee, position statement not stated | 10.86%   | 11.57%   | 14.60%   | 10.58%   |
| Public supported | | | | |
|------------------|---|---|---|---|
|                   | 12.90% | 10.84% | 11.53% | 10.41% |
| Unemployed at least half of the year | 7.15% | 5.36% | 6.14% | 4.88% |
| Sickness benefits, leave, etc. | 4.80% | 2.47% | 3.72% | 1.69% |
| Students | 35.61% | 42.91% | 39.87% | 44.79% |
| Non-old age pensioners | 17.06% | 17.13% | 9.89% | 21.63% |
| Early retirement scheme | 13.61% | 14.34% | 21.87% | 9.66% |
| Recipients of cash benefits | 8.87% | 6.95% | 6.97% | 6.93% |
| Others | 0.00% | 0.00% | 0.00% | 0.00% |

| Public supported | | | | |
|------------------|---|---|---|---|
|                  | 1992-1999 | | | |
| Self-supported | | | | |
| Self-employed (≥10 employees) | 0.13% | 0.13% | 0.08% | 0.14% |
| Self-employed (5-9 employees) | 0.28% | 0.35% | 0.24% | 0.39% |
| Self-employed (1-4 employees) | 2.16% | 2.64% | 1.79% | 2.92% |
| Self-employed (0 employees) | 5.17% | 5.75% | 6.22% | 5.60% |
| Assisting spouses | 0.48% | 0.58% | 0.20% | 0.70% |
| Employee with management work | 3.18% | 2.29% | 2.39% | 2.26% |
| Employee in work that requires skills at the highest level | 14.01% | 9.29% | 13.05% | 8.07% |
| Employee in work that requires skills at the medium level | 19.00% | 15.53% | 17.27% | 14.97% |
| Employee in work that requires skills at the basic level | 36.84% | 41.91% | 35.40% | 44.02% |
| Other employees | 7.88% | 9.95% | 8.75% | 10.34% |
| Employee, position statement not stated | 10.86% | 11.57% | 14.60% | 10.58% |

| Public supported | | | | |
|------------------|---|---|---|---|
|                  | | | | |
| | | | | |

| Public supported | | | | |
|------------------|---|---|---|---|
| Unemployed at least half of the year | 12.90% | 10.84% | 11.53% | 10.41% |
| Sickness benefits, leave, etc. | 7.15% | 5.36% | 6.14% | 4.88% |
| Students | 4.80% | 2.47% | 3.72% | 1.69% |
| Non-old age pensioners | 35.61% | 42.91% | 39.87% | 44.79% |
| Old age pensioners | 0.00% | 0.00% | 0.00% | 0.00% |
| Early retirement scheme | 17.06% | 17.13% | 9.89% | 21.63% |
| Recipients of cash benefits | 13.61% | 14.34% | 21.87% | 9.66% |
| Others | 8.87% | 6.95% | 6.97% | 6.93% |
Appendix Table 2. Person-years, number of deaths and mortality rate ratio for people aged 30-64 years in Lolland-Falster by residency group, employment status, sex, and calendar year period. Mortality rate ratios were adjusted for 5-year age groups and sex. Self-supported and public supported, respectively, in the rest of Denmark is the reference population.

|                | Self-supported | Public support |
|----------------|----------------|----------------|
|                | Person-years  | Deaths | MRR  | Person-years  | Deaths | MRR  |
| **2010-2018**  |                |        |      |                |        |      |
| **Men**        |                |        |      |                |        |      |
| Denmark        | 8646953        | 15626  | 1.41 (1.28-1.56) | 2069044 | 28895  | 1.29 (1.19-1.39) |
| Lolland-Falster| 152071         | 431    | 1.76 (1.43-2.17) | 64748   | 1168   | 1.43 (1.24-1.64) |
| In-migrants    | 38164          | 91     | 1.34 (1.21-1.49) | 25747   | 440    | 1.24 (1.13-1.35) |
| Long-term residents | 113907  | 340    | 1.39 (1.21-1.59) | 39001   | 728    | 1.24 (1.13-1.35) |
| **Women**      |                |        |      |                |        |      |
| Denmark        | 8126114        | 9415   | 1.38 (1.22-1.57) | 2568593 | 18162  | 1.27 (1.20-1.35) |
| Lolland-Falster| 137546         | 249    | 1.33 (0.96-1.86) | 69904   | 671    | 1.51 (1.38-1.66) |
| In-migrants    | 30943          | 35     | 1.39 (1.21-1.59) | 24987   | 202    | 1.16 (1.07-1.24) |
| Long-term residents | 106603 | 214    | 1.36 (1.25-1.48) | 44918   | 469    | 1.19 (1.12-1.26) |
| **Total**      |                |        |      |                |        |      |
| Denmark        | 16773066       | 25041  | 1.40 (1.30-1.51) | 4637636 | 47057  | 1.28 (1.22-1.34) |
| Lolland-Falster| 289617         | 680    | 1.62 (1.36-1.93) | 134652  | 1839   | 1.49 (1.38-1.61) |
| In-migrants    | 69107          | 126    | 1.36 (1.25-1.48) | 50733   | 642    | 1.14 (1.07-1.22) |
| Long-term residents | 220510 | 554    | 1.36 (1.25-1.48) | 83919   | 1197   | 1.19 (1.12-1.26) |
| **2000-2009**  |                |        |      |                |        |      |
| **Men**        |                |        |      |                |        |      |
| Denmark        | 10053788       | 23997  | 1.31 (1.21-1.41) | 2328834 | 38053  | 1.23 (1.17-1.29) |
| Lolland-Falster| 204578         | 679    | 1.76 (1.51-2.05) | 75642   | 1567   | 1.38 (1.28-1.49) |
| In-migrants    | 52121          | 126    | 1.21 (1.11-1.32) | 31421   | 638    | 1.14 (1.07-1.22) |
| Long-term residents | 152458 | 516    | 1.21 (1.11-1.32) | 44220   | 929    | 1.14 (1.07-1.22) |
| **Women**      |                |        |      |                |        |      |
| Denmark        | 8990465        | 12973  | 1.19 (1.07-1.33) | 3185614 | 25792  | 1.19 (1.12-1.28) |
| Lolland-Falster| 176145         | 327    | 1.47 (1.16-1.88) | 90747   | 909    | 1.41 (1.26-1.57) |
| In-migrants    | 41097          | 65     | 1.47 (1.16-1.88) | 32412   | 314    | 1.41 (1.26-1.57) |
| Long-term residents | 135048 | 262    | 1.14 (1.01-1.29) | 58335   | 595    | 1.11 (1.02-1.20) |
| **Total**      |                |        |      |                |        |      |
| Denmark        | 19044254       | 36970  | 1.44 (1.28-1.62) | 5514448 | 63845  | 1.11 (1.02-1.20) |
|                     | Number of Patients | Age | 95% CI    | Number of Studies | 95% CI     |
|---------------------|--------------------|-----|-----------|-------------------|------------|
| Lolland-Falster     | 380723             | 1006| 1.27 (1.19-1.35) | 2476             | 1.22 (1.17-1.27) |
| In-migrants         | 93218              | 228 | 1.67 (1.46-1.90) | 63833            | 1.39 (1.30-1.48) |
| Long-term residents | 287505             | 778 | 1.18 (1.10-1.27) | 102556           | 1.13 (1.07-1.19) |

**1992-1999**

**Men**

|                      | Number of Patients | Age | 95% CI    | Number of Studies | 95% CI     |
|----------------------|--------------------|-----|-----------|-------------------|------------|
| Denmark              | 7351405            | 20888| 1         | 1929695           | 31394      |
| Lolland-Falster      | 159552             | 509 | 1.09 (0.99-1.19) | 62537           | 1.03 (0.97-1.09) |
| In-migrants          | 33619              | 92  | 1.30 (1.06-1.59) | 24476           | 1.12 (1.01-1.23) |
| Long-term residents  | 125932             | 417 | 1.05 (0.95-1.15) | 38061           | 0.98 (0.91-1.06) |

**Women**

|                      | Number of Patients | Age | 95% CI    | Number of Studies | 95% CI     |
|----------------------|--------------------|-----|-----------|-------------------|------------|
| Denmark              | 6309543            | 10657| 1         | 2820938           | 23463      |
| Lolland-Falster      | 132161             | 259 | 1.12 (0.99-1.27) | 82652           | 1.01 (0.94-1.09) |
| In-migrants          | 25323              | 44  | 1.44 (1.07-1.93) | 24906           | 1.18 (1.03-1.35) |
| Long-term residents  | 106839             | 215 | 1.08 (0.94-1.23) | 57745           | 0.96 (0.88-1.05) |

**Total**

|                      | Number of Patients | Age | 95% CI    | Number of Studies | 95% CI     |
|----------------------|--------------------|-----|-----------|-------------------|------------|
| Denmark              | 13660948           | 31545| 1         | 4750633           | 54857      |
| Lolland-Falster      | 291713             | 768 | 1.10 (1.02-1.18) | 145189          | 1.02 (0.98-1.07) |
| In-migrants          | 58942              | 136 | 1.34 (1.13-1.58) | 49382           | 1.14 (1.05-1.23) |
| Long-term residents  | 232771             | 632 | 1.06 (0.98-1.14) | 95807           | 0.97 (0.92-1.03) |
Appendix Table 3. Person-years, number of deaths and mortality rate ratio for people aged 30-64 years in Lolland-Falster by residency group, employment status, sex, and calendar year period. Mortality rate ratios were adjusted for 5-year age groups and sex. Self-supported in rest of Denmark is the reference population. Residency groups based on 20 years moving history before time period.

|                  | Self-supported | Public support | Total      |
|------------------|----------------|----------------|------------|
|                  | Person-years  | Deaths MRR     | Person-years | Deaths MRR | Person-years  | Deaths MRR |
|                  |                |                |             |            |              |            |
| **2010-2018**    |                |                |             |            |              |            |
|                  |               |                |            |            |               |            |
| **Men**          |                |                |             |            |               |            |
| Denmark          | 7642128        | 13535          | 1           | 1828408    | 25189         | 6.27 (6.14-6.41) | 9470536   | 38724   | 2.16 (2.12-2.20) |
| Lolland-Falster  | 132108         | 373            | 1.46 (1.31-1.61) | 55503       | 985          | 7.97 (7.47-8.50) | 187611    | 1358    | 3.44 (3.25-3.63) |
| In-migrants      | 48737          | 113            | 1.57 (1.30-1.89) | 29679       | 529          | 9.72 (8.92-10.61) | 78416     | 642     | 5.12 (4.73-5.54)  |
| Long-term residents | 83372       | 260            | 1.41 (1.25-1.60) | 25824       | 456          | 6.58 (6.00-7.23) | 109196    | 716     | 2.65 (2.46-2.86)  |
| **Women**        |                |                |             |            |               |            |
| Denmark          | 7179136        | 8197           | 1           | 2279666    | 15790         | 4.80 (4.67-4.94) | 9458802   | 23987   | 2.02 (1.97-2.07)  |
| Lolland-Falster  | 118906         | 222            | 1.46 (1.28-1.67) | 59847       | 572          | 6.25 (5.74-6.81) | 178753    | 794     | 3.08 (2.87-3.32)  |
| In-migrants      | 42823          | 60             | 1.51 (1.17-1.95) | 29654       | 255          | 7.16 (6.32-8.11) | 72477     | 315     | 4.15 (3.71-4.64)  |
| Long-term residents | 76083         | 162            | 1.44 (1.23-1.68) | 30193       | 317          | 5.68 (5.07-6.35) | 106276    | 479     | 2.64 (2.40-2.89)  |
| **Total**        |                |                |             |            |               |            |
| Denmark          | 14821264       | 21732          | 1           | 4108075    | 40979         | 5.68 (5.59-5.78) | 18929338  | 62711   | 2.10 (2.07-2.14)  |
| Lolland-Falster  | 251015         | 595            | 1.46 (1.34-1.58) | 115349      | 1557         | 7.30 (6.94-7.69) | 366364    | 2152    | 3.30 (3.16-3.45)  |
| In-migrants      | 91559          | 173            | 1.54 (1.33-1.79) | 59333       | 784          | 8.74 (8.14-9.38) | 150893    | 957     | 4.75 (4.46-5.07)  |
| Long-term residents | 159455       | 422            | 1.42 (1.29-1.57) | 56016       | 773          | 5.80 (5.83-6.73) | 215471    | 1195    | 2.65 (2.50-2.81)  |
| **2000-2009**    |                |                |             |            |               |            |
| **Men**          |                |                |             |            |               |            |
| Denmark          | 10053963       | 23999          | 1           | 2328918    | 38058         | 5.37 (5.28-5.46) | 12382881  | 62057   | 1.92 (1.89-1.95)  |
| Lolland-Falster  | 203610         | 675            | 1.31 (1.21-1.41) | 74693       | 1547         | 6.57 (6.24-6.92) | 278303    | 2222    | 2.80 (2.68-2.93)  |
| In-migrants      | 73124          | 221            | 1.49 (1.31-1.70) | 39670       | 816          | 7.47 (6.96-8.01) | 112794    | 1037    | 3.95 (3.71-4.20)  |
| Long-term residents | 130486     | 454            | 1.24 (1.13-1.36) | 35023       | 731          | 5.80 (5.39-6.24) | 165509    | 1185    | 2.24 (2.11-2.37)  |
| **Women**        |                |                |             |            |               |            |
| Denmark          | 8990531        | 12973          | 1           | 3185639    | 25791         | 4.23 (4.14-4.33) | 12176169  | 38764   | 1.89 (1.86-1.93)  |
| Lolland-Falster  | 175135         | 326            | 1.20 (1.07-1.34) | 89715       | 896          | 5.04 (4.71-5.39) | 264850    | 1222    | 2.50 (2.35-2.65)  |
| In-migrants      | 62085          | 104            | 1.39 (1.15-1.68) | 41357       | 407          | 6.02 (5.45-6.64) | 103442    | 511     | 3.43 (3.14-3.74)  |
| Long-term residents | 113050       | 222            | 1.13 (0.99-1.29) | 48358       | 489          | 4.43 (4.05-4.86) | 161408    | 711     | 2.09 (1.94-2.25)  |
| **Total**        |                |                |             |            |               |            |
| Denmark          | 19044493       | 36972          | 1           | 5514557    | 63849         | 4.93 (4.86-4.99) | 24559050  | 100821  | 1.91 (1.89-1.93)  |
| Lolland-Falster  | 378745         | 1001           | 1.27 (1.19-1.35) | 164408      | 2443         | 5.99 (5.75-6.24) | 543154    | 3444    | 2.69 (2.60-2.78)  |
|                          | In-migrants | Long-term residents | 1992-1999 (residency group 20 years prior) |
|--------------------------|-------------|---------------------|-------------------------------------------|
|                          |             |                     | Men                                       |
|                          |             |                     | Denmark                                   |
|                          |             |                     | Lolland-Falster                           |
|                          |             |                     | In-migrants                               |
|                          |             |                     | Long-term residents                       |
|                          |             |                     |                                           |
|                          |             |                     | Women                                     |
|                          |             |                     | Denmark                                   |
|                          |             |                     | Lolland-Falster                           |
|                          |             |                     | In-migrants                               |
|                          |             |                     | Long-term residents                       |
|                          |             |                     |                                           |
|                          |             |                     | Total                                     |
|                          |             |                     |                                           |

### In-migrants

|                          |             |                     |                                           |
|--------------------------|-------------|---------------------|-------------------------------------------|
|                          | 135209      | 325                 | 1.45 (1.30-1.62)                           |
|                          |             |                     |                                           |
|                          | 243536      | 676                 | 1.20 (1.11-1.29)                           |
|                          |             |                     |                                           |
|                          | 5                    |                     |                                           |
|                          |             |                     |                                           |

### Long-term residents

|                          |             |                     |                                           |
|--------------------------|-------------|---------------------|-------------------------------------------|
|                          | 81027       | 1223                | 6.94 (6.56-7.35)                           |
|                          |             |                     |                                           |
|                          | 83381       | 1220                | 5.26 (4.97-5.57)                           |
|                          |             |                     |                                           |
|                          | 31129       | 545                 | 3.13 (2.85-3.45)                           |
|                          |             |                     |                                           |

### 1992-1999 (residency group 20 years prior)

|                          |             |                     |                                           |
|--------------------------|-------------|---------------------|-------------------------------------------|
|                          | 928128      | 52285               | 3.38 (3.30-3.46)                           |
|                          |             |                     |                                           |
|                          | 913296      | 545                 | 3.13 (2.85-3.45)                           |
|                          |             |                     |                                           |
|                          | 133590      | 910                 | 1.79 (1.67-1.91)                           |
|                          |             |                     |                                           |

### Women

|                          |             |                     |                                           |
|--------------------------|-------------|---------------------|-------------------------------------------|
|                          | 6309596     | 10657               | 4.30 (4.22-4.38)                           |
|                          |             |                     |                                           |
|                          | 131512      | 258                 | 4.41 (4.14-4.69)                           |
|                          |             |                     |                                           |
|                          | 46867       | 76                  | 5.05 (4.63-5.50)                           |
|                          |             |                     |                                           |
|                          | 84645       | 182                 | 3.92 (3.60-4.27)                           |
|                          |             |                     |                                           |
|                          | 13661058    | 31546               | 3.95 (3.89-4.00)                           |
|                          |             |                     |                                           |
|                          | 290493      | 767                 | 4.02 (3.84-4.22)                           |
|                          |             |                     |                                           |
|                          | 103387      | 220                 | 4.65 (4.34-4.99)                           |
|                          |             |                     |                                           |
|                          | 187106      | 547                 | 3.62 (3.40-3.86)                           |
|                          |             |                     |                                           |
Appendix Table 4. Person-years, number of deaths and mortality rate ratio for people aged 30-64 years in Lolland-Falster by residency group, employment status (annual status three years back in time), sex, and calendar year period. Mortality rate ratios were adjusted for 5-year age groups and sex. Self-supported in rest of Denmark is the reference population.

|                          | Self-supported (three years prior) | Public support (three years prior) | Total |
|--------------------------|-----------------------------------|-----------------------------------|-------|
|                          | Person-years | Deaths | MRR | Person-years | Deaths | MRR | Person-years | Deaths | MRR |
| 2010-2018                |              |        |     |              |        |     |              |        |     |
| Men                     |              |        |     |              |        |     |              |        |     |
| Denmark                 | 8906183      | 21175  | 1   | 1795766      | 23357  | 5.14 | (5.04-5.23)  | 10701949 | 44532 | 1.77 | (1.74-1.80) |
| Lolland-Falster         | 162174       | 612    | 1.43 | (1.32-1.55)  | 54619  | 6.71 | (6.29-7.15)  | 216792   | 1600  | 2.09 | (1.99-2.20) |
| In-migrants             | 39998        | 141    | 1.92 | (1.63-2.27)  | 23891  | 7.94 | (7.19-8.78)  | 63889    | 530   | 3.03 | (2.77-3.32) |
| Long-term residents     | 122176       | 471    | 1.33 | (1.21-1.45)  | 30727  | 6.09 | (5.62-6.61)  | 152903   | 1070  | 1.83 | (1.72-1.95) |
| Women                   |              |        |     |              |        |     |              |        |     |
| Denmark                 | 8417715      | 13152  | 1   | 2265298      | 14412  | 3.84 | (3.75-3.93)  | 10683013 | 27564 | 1.80 | (1.76-1.84) |
| Lolland-Falster         | 148348       | 356    | 1.35 | (1.22-1.50)  | 59061  | 563  | 5.14 | (4.72-5.59)  | 207408   | 919   | 2.02 | (1.89-2.16) |
| In-migrants             | 32695        | 61     | 1.60 | (1.24-2.05)  | 23199  | 176  | 5.53 | (4.76-6.41)  | 55894    | 237   | 2.82 | (2.49-3.19) |
| Long-term residents     | 115653       | 295    | 1.31 | (1.17-1.47)  | 35861  | 387  | 4.98 | (4.50-5.51)  | 151514   | 682   | 1.84 | (1.71-1.99) |
| Total                   |              |        |     |              |        |     |              |        |     |
| Denmark                 | 17323898     | 34327  | 1   | 4061064      | 37769  | 4.60 | (4.53-4.67)  | 21384962 | 72096 | 1.78 | (1.76-1.80) |
| Lolland-Falster         | 310521       | 968    | 1.40 | (1.31-1.49)  | 113679 | 1551 | 6.08 | (5.78-6.40)  | 424200   | 2519  | 2.06 | (1.98-2.15) |
| In-migrants             | 72693        | 202    | 1.80 | (1.57-2.07)  | 47090  | 565  | 7.00 | (6.44-7.61)  | 119783   | 767   | 2.96 | (2.75-3.18) |
| Long-term residents     | 237828       | 766    | 1.32 | (1.23-1.42)  | 66589  | 986  | 5.66 | (5.31-6.03)  | 304417   | 1752  | 1.84 | (1.75-1.93) |
| 2000-2009               |              |        |     |              |        |     |              |        |     |
| Men                     |              |        |     |              |        |     |              |        |     |
| Denmark                 | 10221483     | 31312  | 1   | 2146874      | 30720  | 4.24 | (4.17-4.31)  | 12368356 | 62032 | 1.62 | (1.59-1.65) |
| Lolland-Falster         | 211824       | 951    | 1.37 | (1.28-1.46)  | 68303  | 1294 | 5.13 | (4.86-5.43)  | 280127   | 2245  | 2.47 | (2.35-2.60) |
| In-migrants             | 52741        | 265    | 2.08 | (1.85-2.35)  | 30716  | 537  | 5.63 | (5.17-6.14)  | 83457    | 802   | 3.75 | (3.46-4.06) |
| Long-term residents     | 159082       | 686    | 1.21 | (1.12-1.30)  | 37587  | 757  | 4.83 | (4.49-5.19)  | 196670   | 1443  | 2.04 | (1.92-2.18) |
| Women                   |              |        |     |              |        |     |              |        |     |
| Denmark                 | 9063457      | 17423  | 1   | 3100326      | 21315  | 3.12 | (3.06-3.18)  | 12163783 | 38738 | 1.57 | (1.54-1.61) |
| Lolland-Falster         | 180497       | 448    | 1.20 | (1.09-1.31)  | 86323  | 789  | 3.82 | (3.55-4.10)  | 266820   | 1237  | 2.14 | (2.00-2.29) |
| In-migrants             | 40601        | 93     | 1.53 | (1.25-1.88)  | 32843  | 287  | 4.64 | (4.13-5.22)  | 73444    | 380   | 3.22 | (2.87-3.61) |
| Long-term residents     | 139896       | 355    | 1.13 | (1.02-1.26)  | 53481  | 502  | 3.46 | (3.17-3.79)  | 193376   | 857   | 1.82 | (1.67-1.98) |
|                        | Total       | Denmark     | Lolland-Falster | In-migrants | Long-term residents |
|------------------------|-------------|-------------|-----------------|-------------|---------------------|
|                        |             | 19284939    | 392320          | 93342       | 298978              |
|                        |             | 48735       | 1399            | 358         | 1041                |
|                        |             | 1           | 1.31 (1.24-1.38)| 1.90 (1.71-2.10)| 1.18 (1.11-1.25)|
|                        |             | 5247199     | 154626          | 63558       | 91068               |
|                        |             | 52035       | 2083            | 824         | 1259                |
|                        |             | 3.78 (3.73-3.83)| 4.61 (4.42-4.82)| 5.27 (4.92-5.65)| 4.27 (4.03-4.51)|
|                        |             | 24532139    | 546946          | 156901      | 390046              |
|                        |             | 100770      | 3482            | 1182        | 2300                |
|                        |             | 1.60 (1.58-1.62)| 2.35 (2.25-2.44)| 3.56 (3.33-3.80)| 1.96 (1.86-2.06)|

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Appendix Figure 1. Number of people aged 30-64 years during a time-period by residency groups for 1992-1999, 2000-2009, and 2010-2018. During a time-period a person could move downwards in the flow diagram if they moved between Lolland-
Falster and the rest of Denmark. People entered the analysis as they reached age 30 years and exited the analysis as they reached age 65 years.