**Online Appendices**

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| **Appendix 1.** Survey Questions |
| [Types] In regard to migrants stated below, how much familiarity do you have? Please indicate a degree of familiarity by directly inserting any number between 0 and 100. 100 indicate the highest familiarity while 0 indicates the lowest. If you feel neutral, please input 50. | (1) Migrant-descendants who were born and raised in Japan(2) Migrants who have naturalized(3) Temporary migrant workers(4) Returning emigrants or descendants of emigrants (*Nikkeijin*)(5) International studentsFor each category, between 0 and 100 |
| [Friends] How many migrant friends or acquaintances do you have? | (1) 0 friends(2) 1~5 friends(3) 6~10 friends(4) Above 10 |
| [Encounter] How often do you encounter migrants in your workplace or neighborhood? | (1) Almost never(2) A few times a year(3) A few times a month(4) A few times a week(5) Almost everyday  |
| [Abroad] In an aggregate sense, how long have you lived/stayed abroad? If you have multiple experiences, please add up all the approximate periods. | (1) Never been abroad(2) Less than a week(3) A week ~ a month(4) A month ~ 6 months(5) 6 months ~ a year(6) A year ~ 3 years(7) Longer than 3 years  |
| [Political] In describing one’s political stance, people frequently refer to words such as “conservative” or “liberal.” If 0 refers to liberal and 10 refer to conservative, which value would indicate your political stance? Please insert a number between 0 and 10. | Between 0 (liberal) and 10 (conservative) |
| [Income] If you combine all the income in your household for the year between January through December in 2014, including bonuses, how much does it amount to? | (1) Below 2,000,000 JPY(2) Above (or equal to) 2,000,000 JPY and below 4,000,000 JPY(3) Above (or equal to) 4,000,000 JPY and below 6,000,000 JPY(4) Above (or equal to) 6,000,000 JPY and below 8,000,000 JPY(5) Above (or equal to) 8,000,000 JPY and below 10,000,000 JPY(6) Above (or equal to) 10,000,000 JPY and below 12,000,000 JPY(7) Above (or equal to) 12,000,000 JPY and below 14,000,000 JPY(8) Above (or equal to) 14,000,000 JPY |
| [Security] If you quit your current occupation, do you think it would be difficult to find a new position that would provide you an equivalent salary and work conditions? (If you do not currently work, please refer to the person that supports your household. Do you think he/she would be able to find a position with an equivalent salary and work conditions?)  | (1) Difficult(2) Somewhat difficult(3) Neither difficult nor easy(4) Somewhat easy(5) Easy2 |
| [Education] What is the level of education you last (or currently) attained?  | (1) Elementary/Junior high school(2) High school(3) Community/ Vocational college(4) University(5) Graduate school  |
| [Female] What is your gender?  | (0) Male(1) Female |
| [Single] Are you currently married?  | (0) Married(1) Not married |
| [Children] How many children do you have?  | (1) No children(2) 1 Child(3) More than 1 child |
| [Region] In which prefecture do you reside? (47 prefectures are presented based on a ratio of foreign residents vis-à-vis a total population of a prefecture) | Hokkaido, Aomori, Iwate, Miyagi, Akita, Yamagata, Fukushima, Ibaraki, Tochigi, Gunma, Saitama, Chiba, Tokyo, Kanagawa, Niigata, Toyama, Ishikawa, Fukui, Yamanashi, Nagano, Gifu, Shizuoka, Aichi, Mie, Shiga, Kyoto, Osaka, Hyogo, Nara, Wakayama, Tottori, Shimane, Okayama, Hiroshima, Yamaguchi, Tokushima, Kagawa, Ehime, Kochi, Fukuoka, Saga, Nagasaki, Kumamoto, Oita, Miyazaki, Kagoshima, Okinawa |
| [Age] What is your age?  | Between 20 and 69 |

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| **Appendix 2.** Descriptive Statistics |
| **Variable** | ***Mean*** | ***Standard Deviation*** | ***Minimum*** | ***Maximum*** |
| **[Types of Migrants]** (1) Naturalized migrants (2) Migrant descents (3) *Nikkeijin* (4) Labor migrants (long-term) (5) Labor migrants (short-term) (6) International students | 67.5569.7062.2950.2844.1054.45 | 24.8223.3323.3424.4223.5724.06 | 000000 | 100100100100100100 |
| **[Friends (original)]****[Friends (binary)]****[Encounter (original)]****[Encounter (binary)]****[Abroad (original)]****[Abroad (binary)]****[Political]****[Income]****[Security]****[Education]****[Female]****[Single]****[Children (original)]****[Children (binary)]****[Region (migrant ratio)]****[Age]** | 1.580.423.350.852.480.575.313.611.903.520.400.342.030.5935.7547.48 | 0.830.491.350.361.740.492.111.791.100.920.490.470.920.4912.0914.34 | 10101001110010120 | 4151711085511314769 |
| Obs | 1,597 |

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| **Appendix 3.**  Linear Regression on Familiarity toward Types of Migrants |
| *Migrant Type**(Short-term labor migrants as a base)* | M(1) | M(2) | M(3) | M(4) |
| Naturalized Migrants | 23.45\*\*\*(0.85) | 23.45\*\*\*(0.58) | 23.45\*\*\*(0.82) | 23.45\*\*\*(0.59) |
| Migrant Descents | 25.60\*\*\*(0.85) | 25.60\*\*\*(0.58) | 25.60\*\*\*(0.82) | 25.60\*\*\*(0.58) |
| Nikkeijin | 18.20\*\*\*(0.85) | 18.20\*\*\*(0.53) | 18.20\*\*\*(0.82) | 18.20\*\*\*(0.53) |
| Labor Migrants (Long-Term) | 6.19\*\*\*(0.85) | 6.19\*\*\*(0.42) | 6.19\*\*\*(0.82) | 6.19\*\*\*(0.42) |
| International Students | 10.36\*\*\*(0.85) | 10.36\*\*\*(0.44) | 10.36\*\*\*(0.82) | 10.36\*\*\*(0.44) |
| Friends |  |  | 4.51\*\*\*(0.54) | 4.51\*\*\*(1.06) |
| Encounter |  |  | 2.96\*\*\*(0.71) | 2.91#(1.53) |
| Abroad |  |  | 2.30\*\*\*(0.54) | 2.30\*(1.07) |
| Political |  |  | -1.25\*\*\*(0.12) | -1.25\*\*\*(0.26) |
| Income |  |  | 0.26#(0.15) | 0.26(0.30) |
| Security |  |  | 0.52\*(0.23) | 0.52(0.44) |
| Education |  |  | -0.11(0.29) | -0.11(0.58) |
| Female |  |  | 2.63\*\*\*(0.51) | 2.63\*\*(1.00) |
| Single |  |  | -0.73(0.71) | -0.73(1.47) |
| Children |  |  | -1.76\*(0.73) | -1.76(1.51) |
| Age |  |  | 0.18\*\*\*(0.02) | 0.18\*\*\*(0.04) |
| Constant | 44.10\*\*\*(0.60) | 44.10\*\*\*(0.58) | 27.92\*\*\*(3.96) | 27.92\*\*\*(5.73) |
| R2Obs | 0.139,582 | 0.139,582 | 0.189,582 | 0.189,582 |
| Clustered by respondentsPrefectural Fixed Effects | NoNo | YesNo | NoYes | YesYes |
| \*\*\*p < 0.001, \*\*p < 0.01, \*p < 0.05, #p<0.1; standard errors in parentheses.Note: Figure 1 and standard errors presented in this paper are based on M(4). |

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| **Appendix 4.**  Linear Regressions on Familiarity toward Types of Migrants (using original variables) |
|  | (1) Naturalized Migrants | (2) Migrant Descents | (3) Nikkeijin | (4) Labor Migrants(Long-term) | (5) Labor Migrants(Short-term) | (6) International Students |
| Friends | M(1) | M(2)2.19\*(0.87) | M(3)1.82\*(0.90) | M(4) | M(5)1.74\*(0.82) | M(6)1.18(0.86) | M(7) | M(8)2.38\*\*(0.83) | M(9)2.17\*(0.86) | M(10) | M(11)2.30\*\*(0.86) | M(12)2.21\*(0.90) | M(13) | M(14)2.07\*(.84) | M(15)2.05\*(0.87) | M(16) | M(17)3.03\*\*\*(0.85) | M(18)2.78\*\*(0.89) |
| Encounter | 1.03\*(0.49) |  | 0.74(0.51) | 1.32\*\*(0.47) |  | 1.13\*(0.49) | 0.76(0.47) |  | 0.41(0.49) | 0.54(0.49) |  | 0.19(0.51) | 0.37(0.47) |  | 0.05(0.49) | 0.96\*(0.48) |  | 0.52(0.50) |
| Abroad | 0.76\*(0.38) | 0.40(0.43) | 0.37(0.43) | 0.76\*(0.37) | 0.55(0.41) | 0.51(0.41) | 0.61#(0.37) | 0.17(0.41) | 0.15(0.41) | 1.03\*\*(0.38) | 0.57(0.43) | 0.57(0.43) | 1.27\*\*(0.37) | 0.85\*(0.41) | 0.84\*(0.41) | 1.03\*\*(0.38) | 0.47(0.42) | 0.45(0.42) |
| Political | -1.08\*\*\*(0.29) | -1.10\*\*\*(0.29) | -1.07\*\*\*(0.29) | -0.86\*\*(0.28) | -0.90\*\*(0.28) | -0.85\*\*(0.28) | -1.13\*\*\*(0.28) | -1.13\*\*\*(0.28) | -1.12\*\*\*(0.28) | -1.72\*\*\*(0.29) | -1.71\*\*\*(0.29) | -1.70\*\*\*(0.29) | -1.59\*\*\*(0.28) | -1.57\*\*\*(0.28) | -1.57\*\*\*(0.28) | -1.13\*\*\*(0.29) | -1.13\*\*\*(0.29) | -1.11\*\*\*(0.29) |
| Income | 0.46(0.37) | 0.48(0.37) | 0.45(0.37) | 0.25(0.35) | 0.29(0.35) | 0.25(0.35) | 0.46(0.35) | 0.47(0.35) | 0.45(0.35) | 0.41(0.37) | 0.41(0.37) | 0.41(0.37) | -0.14(0.36) | -0.14(0.36) | -0.15(0.36) | 0.21(0.37) | 0.22(0.36) | 0.20(0.36) |
| Security | -0.12(0.58) | -0.13(0.58) | -0.16(0.58) | 0.16(0.55) | 0.18(0.55) | 0.13(0.55) | 0.17(0.55) | 0.14(0.55) | 0.12(0.55) | 1.20\*(0.58) | 1.16\*(0.57) | 1.15\*(0.57) | 1.36\*(0.56) | 1.31\*(0.56) | 1.31\*(0.56) | 0.90(0.57) | 0.86(0.57) | 0.84(0.57) |
| Education | 1.13(0.73) | 1.09(0.73) | 1.06(0.73) | 0.25(0.70) | 0.25(0.70) | 0.20(0.70) | -0.15(0.70) | -0.22(0.70) | -0.23(0.70) | -0.36(0.73) | -0.43(0.73) | -0.44(0.73) | -0.73(0.71) | -0.81(0.71) | -0.81(0.71) | 0.34(0.72) | 0.26(0.72) | 0.24(0.72) |
| Female | 2.90\*(1.29) | 2.70\*(1.29) | 2.81\*(1.29) | 4.17\*\*(1.22) | 3.95\*\*(1.22) | 4.11\*\*(1.23) | -0.18(1.23) | -0.35(1.23) | -0.28(1.23) | 4.07\*\*(1.29) | 3.94\*\*(1.28) | 3.96\*\*(1.29) | 3.08\*(1.25) | 2.98\*(1.24) | 2.98\*(1.24) | 4.33\*\*(1.27) | 4.12\*\*(1.27) | 4.20\*\*(1.27) |
| Single | 1.79(1.71) | 1.55(1.71) | 1.58(1.71) | -0.98(1.63) | -1.16(1.63) | -1.12(1.63) | 1.73(1.63) | 1.46(1.63) | 1.47(1.63) | 0.64(1.71) | 0.38(1.71) | 0.39(1.71) | -1.20(1.65) | -1.44(1.65) | -1.44(1.65) | 0.35(1.69) | 0.01(1.69) | 0.03(1.69) |
| Children | 0.33(0.96) | 0.40(0.96) | 0.34(0.96) | 0.35(0.91) | 0.45(0.92) | 0.35(0.91) | 1.60#(0.92) | 1.65#(0.92) | 1.61#(0.92) | 0.75(0.96) | 0.78(0.96) | 0.76(0.96) | -1.05(0.93) | -1.04(0.93) | -1.04(0.93) | -0.55(0.95) | -0.49(0.95) | -0.54(0.95) |
| Age | 0.38\*\*\*(0.05) | 0.38\*\*\*(0.05) | 0.38\*\*\*(0.05) | 0.13\*(0.05) | 0.13\*(0.05) | 0.13\*(0.05) | 0.19\*\*\*(0.05) | 0.20\*\*\*(0.05) | 0.20\*\*\*(0.05) | 0.03(0.05) | 0.04(0.05) | 0.04(0.05) | -0.01(0.05) | -0.01(0.05) | -0.01(0.05) | 0.13\*(0.05) | 0.14\*(0.05) | 0.14\*(0.05) |
| Constant | 33.64\*\*(10.09) | 33.51\*\*(10.07) | 32.58\*\*(10.08) | 51.5\*\*\*(9.58) | 52.3\*\*\*(9.59) | 50.8\*\*\*(9.59) | 38.5\*\*\*(9.63) | 37.7\*\*\*(9.60) | 37.2\*\*\*(9.63) | 45.0\*\*\*(10.07) | 43.9\*\*\*(10.04) | 43.7\*\*\*(10.07) | 41.9\*\*\*(9.74) | 40.8\*\*\*(9.72) | 40.8\*\*\*(9.74) | 32.14\*\*(9.96) | 31.19\*\*(9.92) | 30.53\*\*(9.94) |
| Adj. R2Obs | 0.061,597 | 0.061,597 | 0.061,597 | 0.041,597 | 0.041,597 | 0.041,597 | 0.031,597 | 0.041,597 | 0.041,597 | 0.031,597 | 0.041,597 | 0.041,597 | 0.061,597 | 0.031,597 | 0.031,597 | 0.031,597 | 0.031,597 | 0.031,597 |
| \*\*\*p < 0.001, \*\*p < 0.01, \*p < 0.05, #p<0.1; standard errors in parentheses. |

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| **Appendix 5.**  Robustness Check Using Prefectural Migrant Ratio |
|  | (1) Naturalized Migrants | (2) Migrant Descents | (3) Nikkeijin | (4) Labor Migrants(Long-term) | (5) Labor Migrants(Short-term) | (6) International Students |
| Friends | M(1) | M(2)5.30\*\*\*(1.31) | M(3)4.96\*\*\*(1.34) | M(4) | M(5)4.58\*\*\*(1.26) | M(6)3.97\*\*(1.27) | M(7) | M(8)4.37\*\*(1.26) | M(9)4.00\*\*(1.28) | M(10) | M(11)5.86\*\*\*(1.31) | M(12)5.68\*\*\*(1.33) | M(13) | M(14)5.58\*\*\*(1.26) | M(15)5.48\*\*\*(1.28) | M(16) | M(17)4.90\*\*\*(1.30) | M(18)4.42\*\*(1.32) |
| Encounter | 3.72\*(1.73) |  | 2.56(1.75) | 5.36\*\*(1.65) |  | 4.43\*\*(1.67) | 3.75\*(1.65) |  | 2.82#(1.67) | 2.65(1.72) |  | 1.32(1.74) | 2.01(1.66) |  | 0.73(1.68) | 4.52\*\*(1.70) |  | 3.49\*(1.72) |
| Abroad | 3.26\*(1.28) | 1.99(1.33) | 1.88(1.33) | 3.39\*\*(1.22) | 2.47#(1.27) | 2.28#(1.27) | 3.59\*\*(1.23) | 2.60\*(1.27) | 2.48#(1.27) | 3.31\*(1.28) | 1.79(1.33) | 1.73(1.33) | 3.55\*\*(1.24) | 2.06(1.28) | 2.03(1.28) | 4.05\*\*(1.26) | 2.97\*(1.31) | 2.82\*(1.31) |
| Political | -1.18\*\*\*(0.29) | -1.14\*\*\*(0.29) | -1.13\*\*\*(0.29) | -0.98\*\*\*(0.27) | -0.96\*\*\*(0.27) | -0.93\*\*(0.27) | -1.15\*\*\*(0.27) | -1.12\*\*\*(0.27) | -1.10\*\*\*(0.27) | -1.76\*\*\*(0.29) | -1.71\*\*\*(0.28) | -1.70\*\*\*(0.28) | -1.61\*\*\*(0.28) | -1.56\*\*\*(0.27) | -1.55\*\*\*(0.27) | -1.21\*\*\*(0.28) | -1.18\*\*\*(0.28) | -1.17\*\*\*(0.28) |
| Income | 0.52(0.36) | 0.47(0.36) | 0.45(0.36) | 0.27(0.34) | 0.26(0.34) | 0.21(0.34) | 0.48(0.35) | 0.45(0.34) | 0.42(0.34) | 0.52(0.36) | 0.45(0.36) | 0.44(0.36) | -0.06(0.35) | -0.13(0.35) | -0.14(0.35) | 0.27(0.36) | 0.24(0.36) | 0.21(0.36) |
| Security | -0.23(0.57) | -0.27(0.57) | -0.31(0.57) | 0.08(0.54) | 0.08(0.54) | 0.01(0.54) | 0.07(0.54) | 0.05(0.54) | 0.04(0.54) | 1.18\*(0.57) | 1.10#(0.56) | 1.08#(0.57) | 1.43\*\*(0.55) | 1.35\*(0.55) | 1.34\*(0.55) | 0.77(0.56) | 0.75(0.56) | 0.70(0.56) |
| Education | 1.02(0.71) | 0.76(0.71) | 0.76(0.71) | 0.15(0.68) | -0.05(0.68) | -0.05(0.68) | -0.29(0.68) | -0.50(0.68) | -0.50(0.68) | -0.40(0.71) | -0.70(0.71) | -0.70(0.71) | -0.56(0.69) | -0.84(0.69) | -0.84(0.69) | 0.32(0.70) | 0.09(0.70) | 0.09(0.70) |
| Female | 2.64\*(1.26) | 2.43#(1.26) | 2.40#(1.26) | 4.08\*\*(1.21) | 3.94\*\*(1.21) | 3.89\*\*(1.20) | -0.32(1.21) | -0.48(1.20) | -0.51(1.20) | 3.86\*\*(1.26) | 3.60\*\*(1.26) | 3.58\*\*(1.26) | 3.09\*(1.22) | 2.83\*(1.21) | 2.82\*(1.21) | 4.08\*\*(1.24) | 3.90\*\*(1.24) | 3.86\*\*(1.24) |
| Single | 1.19(1.77) | 0.78(1.77) | 0.81(1.77) | -1.96(1.69) | -2.31(1.69) | -2.26(1.69) | 0.63(1.69) | 0.30(1.69) | 0.33(1.69) | -0.70(1.77) | -1.14(1.76) | -1.13(1.76) | -2.59(1.71) | -3.01#(1.70) | -3.00#(1.70) | -1.05(1.74) | -1.42(1.74) | -1.38(1.74) |
| Children | -0.80(1.81) | -0.76(1.80) | -0.81(1.80) | -0.89(1.72) | -0.82(1.72) | -0.90(1.72) | -0.26(1.72) | -0.22(1.72) | -0.27(1.72) | -1.46(1.80) | -1.45(1.79) | -1.47(1.79) | -4.75\*\*(1.74) | -4.75\*\*(1.73) | -4.76\*\*(1.73) | -3.70\*(1.78) | -3.64\*(1.77) | -3.71\*(1.77) |
| Age | 0.39\*\*\*(0.05) | 0.39\*\*\*(0.05) | 0.39\*\*\*(0.05) | 0.13\*\*(0.05) | 0.13\*\*(0.05) | 0.13\*\*(0.05) | 0.23\*\*\*(0.05) | 0.23\*\*\*(0.05) | 0.23\*\*\*(0.05) | 0.06(0.05) | 0.06(0.05) | 0.06(0.05) | 0.02(0.05) | 0.03(0.05) | 0.03(0.05) | 0.16\*\*(0.05) | 0.16\*\*(0.05) | 0.16\*\*(0.05) |
| Migrant Ratio | 83.17(65.91) | 78.59(65.49) | 69.59(65.75) | 68.77(62.85) | 73.46(62.62) | 57.89(62.78) | -15.99(62.88) | -17.02(62.57) | -26.91(62.81) | 55.94(65.77) | 45.03(65.22) | 40.39(65.52) | -1.98(63.50) | -14.43(62.96) | -17.00(63.25) | 4.44(64.90) | 4.57(64.57) | -7.67(64.79) |
| Constant | 39.1\*\*\*(6.10) | 42.4\*\*\*(6.00) | 40.8\*\*\*(6.10) | 56.7\*\*\*(5.82) | 60.9\*\*\*(5.73) | 58.0\*\*\*(5.82) | 51.4\*\*\*(5.82) | 54.6\*\*\*(5.73) | 52.7\*\*\*(5.82) | 45.3\*\*\*(6.09) | 48.1\*\*\*(6.00) | 47.3\*\*\*(6.07) | 49.2\*\*\*(5.88) | 51.6\*\*\*(5.76) | 51.1\*\*\*(5.86) | 41.4\*\*\*(6.01) | 45.2\*\*\*(5.91) | 42.9\*\*\*(6.01) |
| Adj. R2Obs | 0.071,597 | 0.071,597 | 0.071,597 | 0.041,597 | 0.041,597 | 0.041,597 | 0.041,597 | 0.041,597 | 0.041,597 | 0.041,597 | 0.051,597 | 0.051,597 | 0.041,597 | 0.051,597 | 0.051,597 | 0.031,597 | 0.041,597 | 0.041,597 |

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| **Appendix 6.**  Robustness Check Excluding Statistically Significant Variables (with prefectural fixed effects) |
|  | (1) Naturalized Migrants | (2) Migrant Descents | (3) Nikkeijin | (4) Labor Migrants(Long-term) | (5) Labor Migrants(Short-term) | (6) International Students |
| Friends | M(1) | M(2)6.27\*\*\*(1.29) | M(3)5.80\*\*\*(1.32) | M(4) | M(5)5.46\*\*\*(1.22) | M(6)4.65\*\*\*(1.24) | M(7) | M(8)5.19\*\*\*(1.23) | M(9)4.70\*\*\*(1.25) | M(10) | M(11)6.46\*\*\*(1.34) | M(12)6.10\*\*\*(1.36) | M(13) | M(14)6.61\*\*\*(1.24) | M(15)5.74\*\*\*(1.32) | M(16) | M(17)6.26\*\*\*(1.26) | M(18)5.62\*\*\*(1.29) |
| Encounter | 4.77\*\*(1.79) |  | 3.11#(1.82) | 6.69\*\*\*(1.68) |  | 5.35\*\*(1.71) | 4.65\*\*(1.70) |  | 3.32#(1.73) | 4.64\*\*(1.78) |  | 2.58(1.81) | 3.71\*(1.72) |  | 1.72(1.75) | 5.88\*\*(1.75) |  | 4.27\*(1.78) |
| Abroad |  |  |  |  |  |  |  |  |  |  | 2.01(1.36) | 1.90(1.36) |  |  | 2.13(1.32) |  |  |  |
| Political |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income | 0.41(0.37) | 0.32(0.37) | 0.28(0.37) | 0.32(0.35) | 0.27(0.35) | 0.21(0.35) | 0.45(0.35) | 0.38(0.35) | 0.34(0.35) | 0.53(0.37) | 0.35(0.37) | 0.33(0.37) | -0.08(0.36) | -0.20(0.35) | -0.28(0.36) | 0.27(0.36) | 0.19(0.36) | 0.14(0.36) |
| Security | -0.90(0.58) | -0.94(0.58) | -0.99#(0.58) | -0.19(0.54) | -0.16(0.54) | -0.26(0.54) | -0.29(0.55) | -0.31(0.55) | -0.37(0.55) |  |  |  |  |  |  | 0.58(0.56) | 0.57(0.56) | 0.49(0.56) |
| Education | 0.52(0.71) | 0.09(0.71) | 0.08(0.71) | -0.05(0.66) | -0.39(0.67) | -0.41(0.66) | -0.38(0.68) | -0.76(0.68) | -0.77(0.68) | -0.36(0.71) | -1.03(0.72) | -1.02(0.72) | -0.43(0.68) | -0.90(0.68) | -1.08(0.69) | 0.14(0.68) | -0.28(0.69) | -0.29(0.69) |
| Female |  |  |  |  |  |  | -0.77(1.24) | -1.05(1.24) | -1.10(1.23) |  |  |  |  |  |  |  |  |  |
| Single | -0.16(1.82) | -0.57(1.81) | -0.50(1.81) | -2.38(1.70) | -2.76(1.70) | -2.65(1.70) | 0.02(1.72) | -0.36(1.72) | -0.29(1.71) | -0.33(1.81) | -0.61(1.81) | -0.57(1.81) | -0.09(1.46) | -0.31(1.45) | -0.51(1.46) | -0.70(1.36) | -1.14(1.35) | -1.01(1.35) |
| Children | 4.63\*\*(1.76) | 4.64\*\*(1.75) | 4.58\*\*(1.75) | 0.94(1.65) | 0.99(1.65) | 0.90(1.64) | 3.48\*(1.66) | 3.49\*(1.66) | 3.43\*(1.66) | -1.19(1.88) | -1.24(1.86) | -1.29(1.86) |  |  |  |  |  |  |
| Age |  |  |  |  |  |  |  |  |  | 0.04(0.05) | 0.04(0.05) | 0.04(0.05) | -0.05(0.05) | -0.05(0.05) | -0.05(0.05) |  |  |  |
| Constant | 53.3\*\*\*(9.35) | 54.9\*\*\*(9.27) | 53.6\*\*\*(9.29) | 62.3\*\*\*(8.75) | 64.7\*\*\*(8.71) | 62.5\*\*\*(8.72) | 47.6\*\*\*(9.07) | 49.7\*\*\*(9.02) | 48.4\*\*\*(9.03) | 48.1\*\*\*(9.55) | 49.0\*\*\*(9.44) | 47.8\*\*\*(9.47) | 39.0\*\*\*(9.09) | 39.9\*\*\*(8.98) | 38.6\*\*\*(9.02) | 40.0\*\*\*(8.64) | 42.1\*\*\*(8.57) | 40.3\*\*\*(8.59) |
| Adj. R2Obs | 0.021,597 | 0.031,597 | 0.031,597 | 0.021,597 | 0.031,597 | 0.031,597 | 0.011,597 | 0.011,597 | 0.021,597 | 0.001,597 | 0.021,597 | 0.021,597 | -0.011,597 | 0.011,597 | 0.011,597 | 0.001,597 | 0.011,597 | 0.021,597 |
| \*\*\*p < 0.001, \*\*p < 0.01, \*p < 0.05, #p<0.1; standard errors in parentheses. |

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| **Appendix 7.**  Robustness Check Excluding Statistically Significant Variables (with prefectural migrant ratio) |
|  | (1) Naturalized Migrants | (2) Migrant Descents | (3) Nikkeijin | (4) Labor Migrants(Long-term) | (5) Labor Migrants(Short-term) | (6) International Students |
| Friends | M(1) | M(2)5.54\*\*\*(1.34) | M(3)5.15\*\*\*(1.36) | M(4) | M(5)5.80\*\*\*(1.21) | M(6)5.07\*\*\*(1.23) | M(7) | M(8)5.38\*\*\*(1.21) | M(9)4.90\*\*\*(1.24) | M(10) | M(11)6.63\*\*\*(1.32) | M(12)6.37\*\*\*(1.34) | M(13) | M(14)6.27\*\*\*(1.28) | M(15)6.10\*\*\*(1.30) | M(16) | M(17)6.31\*\*\*(1.25) | M(18)5.71\*\*\*(1.27) |
| Encounter | 4.61\*\*(1.76) |  | 2.81(1.79) | 6.31\*\*\*(1.65) |  | 4.88\*\*(1.68) | 4.59\*\*(1.66) |  | 3.23#(1.69) | 3.98\*(1.74) |  | 1.89(1.76) | 3.27#(1.68) |  | 1.22(1.70) | 5.59\*\*(1.71) |  | 3.98\*(1.74) |
| Abroad |  | 2.41#(1.36) | 2.29#(1.36) |  |  |  |  |  |  |  | 1.94(1.34) | 1.86(1.34) |  | 2.12(1.29) | 2.07(1.29) |  |  |  |
| Political |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income | 0.44(0.37) | 0.27(0.37) | 0.24(0.37) | 0.31(0.35) | 0.24(0.35) | 0.19(0.35) | 0.45(0.35) | 0.37(0.35) | 0.34(0.35) | 0.56(0.36) | 0.37(0.36) | 0.35(0.36) | -0.09(0.35) | -0.28(0.34) | -.029(0.34) | 0.28(0.36) | 0.19(0.36) | 0.15(0.36) |
| Security | -0.98#(0.57) | -1.01#(0.57) | -1.05#(0.57) | -0.19(0.54) | -0.20(0.54) | -0.28(0.54) | -0.36(0.54) | -0.39(0.54) | -0.44(0.54) |  |  |  |  |  |  | 0.51(0.56) | 0.48(0.55) | 0.42(0.55) |
| Education | 0.35(0.69) | -0.28(0.71) | -0.28(0.71) | -0.19(0.65) | -0.57(0.66) | -0.58(0.66) | -0.40(0.67) | -0.79(0.67) | -0.81(0.67) | -0.52(0.69) | -1.20#(0.70) | -1.20#(0.70) | -0.47(0.67) | -1.16#(0.68) | -1.16#(0.68) | 0.04(0.67) | -0.38(0.68) | -0.39(0.68) |
| Female |  |  |  |  |  |  | -0.59(1.22) | -0.88(1.21) | -0.92(1.21) |  |  |  |  |  |  |  |  |  |
| Single | -0.52(1.79) | -0.68(1.79) | -0.65(1.79) | -2.79#(1.69) | -3.15#(1.68) | -3.08#(1.68) | -0.29(1.70) | -0.64(1.69) | -0.60(1.69) | -0.67(1.79) | -0.92(1.79) | -0.91(1.78) | -0.02(1.44) |  |  | -0.90(1.34) | -1.33(1.33) | -1.22(1.33) |
| Children | 4.10\*(1.73) | 4.06\*(1.72) | 4.01\*(1.72) | 0.80(1.63) | 0.88(1.62) | 0.78(1.62) | 2.82#(1.63) | 2.86#(1.63) | 2.80#(1.63) | -1.22(1.83) | -1.28(1.81) | -1.31(1.81) |  |  |  |  |  |  |
| Age |  |  |  |  |  |  |  |  |  | 0.02(0.05) | 0.03(0.05) | 0.03(0.05) | -0.06(0.05) | -0.06(0.04) | -0.06(0.04) |  |  |  |
| Migrant Ratio | 118.10#(67.26) | 101.88(66.80) | 92.00(67.07) | 86.19(63.32) | 85.64(63.01) | 67.97(63.16) | 12.66(63.56) | 6.42(63.19) | -5.30(63.43) | 66.80(66.76) | 44.37(66.11) | 37.76(66.40) | 20.53(64.38) | -4.09(63.68) | -8.30(63.96) | 29.58(65.50) | 23.36(65.06) | 9.09(65.27) |
| Constant | 58.8\*\*\*(4.54) | 62.4\*\*\*(4.39) | 60.6\*\*\*(4.53) | 65.9\*\*\*(4.27) | 70.9\*\*\*(4.14) | 67.7\*\*\*(4.27) | 58.2\*\*\*(4.85) | 62.5\*\*\*(4.75) | 60.5\*\*\*(4.86) | 45.9\*\*\*(5.21) | 49.2\*\*\*(5.03) | 47.9\*\*\*(5.17) | 45.8\*\*\*(4.80) | 48.0\*\*\*(3.46) | 47.2\*\*\*(3.64) | 48.2\*\*\*(3.44) | 52.9\*\*\*(3.24) | 50.2\*\*\*(3.44) |
| Adj. R2Obs | 0.021,597 | 0.031,597 | 0.031,597 | 0.011,597 | 0.021,597 | 0.021,597 | 0.011,597 | 0.021,597 | 0.021,597 | 0.001,597 | 0.021,597 | 0.021,597 | 0.001,597 | 0.021,597 | 0.021,597 | 0.011,597 | 0.011,597 | 0.021,597 |

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| **Appendix 8.** Variance Inflation Factor |
|  | VIF | 1/VIF |
| Friends | 1.24 | 0.81 |
| Encounter | 1.13 | 0.88 |
| Abroad | 1.24 | 0.81 |
| Political | 1.05 | 0.95 |
| Income | 1.20 | 0.84 |
| Security | 1.12 | 0.89 |
| Education | 1.23 | 0.81 |
| Female | 1.10 | 0.91 |
| Single | 2.00 | 0.50 |
| Children | 2.28 | 0.44 |
| Age | 1.63 | 0.62 |
| Mean VIF | 1.38 |  |
|  |  |  |