**TABLE 1: Univariate analysis showing association between different socio demographic variables with Physical domain of Joint family in Abbottabad, Pakistan.**

|  |  |
| --- | --- |
| **Variable** | **Univariate analyses** |
| **Beta coefficient** | **95% CI** | **p - value** |
| **LL** | **UL** |
| **Type of Residence** |  |
| Urban | **R** |
| Rural | -4.90 | -6.92 | -2.86 | **<0.001** |
| **Respondent Sex** |  |  |  |  |
| Male | **R** |  |  |  |
| Female | -3.60 | -5.37 | -1.83 | **<0.001** |
| **Residence Ownership** |  |  |  |  |
| Owner | **R** |  |  |  |
| Not owner | 1.09 | -2.53 | 4.72 | 0.559 |
| **Respondent Age (decade)** | -0.22 | -.28 | -.15 | **<0.001** |
| **Marital Status** |  |  |  |  |
| Married | **R** |  |  |  |
| Widow | -8.34 | -13.34 | -3.34 | **<0.001** |
| Divorced | 12.19 | -2.52 | 26.91 | 0.104 |
| Separated | 5.05 | -9.67 | 19.77 | 0.501 |
| Never married | 4.78 | 2.28 | 7.28 | **<0.001**  |
| **Education** |  |  |  |  |
| No Education | -5.82 | -9.59 | -2.04 | **0.003** |
| Madressa | 0 .04 | -7.89 | 7.99 | 0.990 |
| Can read / write | -2.38 | -6.47 | 1.70 | 0.253 |
| Primary (up to grade 5) | 0.62 | -2.76 | 4.00 | 0.718 |
| Secondary (up to grade 12) | 2.20 | -1.20 | 5.61 | 0.206 |
| Tertiary (up to grade 16 or above) | **R** |
| **Disease** |  |  |  |  |
| Physical disability | -9.16 | -17.40 | -.92 | **0.029** |
| Hypertension | -6.65 | -10.23 | -3.07 | **<0.001** |
| Diabetes | -11.02 | -16.23 | -5.80 | **<0.001** |
| Other | -3.93 | -5.86 | -2.01 | **<0.001** |
| **None** | **R** |
| **Employment status** |  |  |  |  |
|  Not Working | -3.96 | -5.88 | -2.04 | **<0.001** |
| Working | **R** |
| Retired | -3.85 | -7.84 | 0.13 | **0.058**  |
| **Socioeconomic status** |  |  |  |  |
| High | **R** |
| Average | -2.23 | -4.36 | -.10 | **0.039** |
|  Low | -7.16 | -9.45 | -4.88 | **<0.001** |
| **Total score of social capital** | 0 .10 | 0 .05 | 0 .16 | **<** **0.001** |

**β,. Beta coefficient**

**CI, confidence interval;**

**R ., reference**

**TABLE 2: Univariate analysis showing association between different socio demographic variables with Psychological domain of Joint family in Abbottabad, Pakistan.**

|  |  |
| --- | --- |
| **Variable** | **Univariate analyses** |
| **Beta coefficient** | **95% CI** | **p - value** |
| **LL** | **UL** |
| **Type of Residence** |  |
| Urban | **R** |
| Rural | -5.16 | -7.071 | -3.26 | **< 0.001** |
| **Respondent Sex** |  |  |  |  |
| Male | **R** |  |  |  |
| Female | -2.47 | -4.13 | -0.80 | **0.004** |
| **Residence Ownership** |  |  |  |  |
| Owner | **R** |  |  |  |
| Not owner | 2.49 | -0.91 | 5.91 | 0.152 |
| **Respondent Age (decade)** | -0.12 | -0.17 | -0.06 | **<0.001** |
| **Marital Status** |  |  |  |  |
| Married | **R** |  |  |  |
| Widow | -7.37 | -12.13 | -2.61 | **0.002** |
| Divorced | 8.24 | -5.77 | 22.27 | **0.249** |
| Separated | -4.25 | -18.27 | 9.77 | 0.552 |
| Never married | 1.97 | -0.40 | 4.36 | **0.103** |
| **Education** |  |  |  |  |
| No Education | -5.86 | -9.39 | -2.32 | **<0.001** |
| Madressa | 2.32 | -5.11 | 9.76 | 0.541 |
| Can read / write | -4.88 | -8.71 | -1.05 | **0.013** |
| Primary (up to grade 5) | -0.68 | -3.85 | 2.48 | 0.671 |
| Secondary (up to grade 12) | 2.36 | -0.83 | 5.55 | 0.148 |
| Tertiary (up to grade 16 or above) | **R** |
| **Disease** |  |  |  |  |
| Physical disability | -8.32 | -16.16 | -0.49 | **0.037** |
| Hypertension | -4.94 | -8.35 | -1.53 | **0.004** |
| Diabetes | -8.42 | -13.38 | -3.46 | **<0.001** |
| Other | -3.33 | -5.17 | -1.50 | **<0.001** |
| **None** | **R** |
| **Employment status** |  |  |  |  |
| Not Working | -2.66 | -4.47 | -0.84 | **0.004** |
| Working | **R** |
| Retired | -1.48 | -5.25 |  2.28 | **0.441** |
| **Socioeconomic status** |  |  |  |  |
| High | **R** |
| Average | -3.09 | -5.06 | -1.12 | **<0.001** |
|  Low | -9.31 | -11.43 | -7.19 | **<0.000** |
| **Total score of social capital** | 0.14 | 0 .09 | 0.20 | **<0.000** |

**β,. Beta coefficient**

**CI, confidence interval;**

**R ., reference**

**TABLE 3: Variables associated with Social Relationship domain in Joint family system after Univariate analysis**

|  |  |
| --- | --- |
| **Variable** |  **Univariate analyses** |
| **Beta coefficient** | **95% CI** | **p - value** |
| **LL** | **UL** |
| **Type of Residence** |  |
| Urban | **R** |
| Rural | -3.94 | -6.19 |  -1.69 | **<0.001** |
| **Respondent Sex** |  |  |  |  |
| Male | **R** |  |  |  |
| Female | -0.43 | -2.42 | 1.54 | 0.664 |
| **Residence Ownership** |  |  |  |  |
| Owner | **R** |  |  |  |
| Not owner | -2.44 | -6.45 | 1.56 | 0.233 |
| **Respondent Age (decade)** | -0.12 | -0.19 | -0.05 | **<0.001** |
| **Marital Status** |  |  |  |  |
| Married | **R** |  |  |  |
| Widow | -7.44 | -13.04 | -1.84 | **0.009** |
| Divorced | -12.53 | -29.02 | 3.94 | 0.136 |
| Separated | -4.20 | -20.69 | 12.28 | 0.617 |
| Never married | -1.89 | -4.69 | 0.90 | 0.185 |
| **Education** |  |  |  |  |
| No Education | -7.89 | -12.08 | -3.70 | **< 0.000** |
| Madressa | -2.77 | -11.59 | 6.05 | 0.538 |
| Can read / write | -7.06 | -11.61 | -2.52 | **0.002** |
| Primary (up to grade 5) | -2.38 | -6.14 | 1.37 | 0.214 |
| Secondary (up to grade 12) | -1.75 | -5.54 | 2.03 | 0.365 |
| Tertiary (up to grade 16 or above) | **R** |
| **Disease** |  |  |  |  |
| Physical disability | -4.51 | -13.78 | 4.75 | 0.339 |
| Hypertension | -4.76 | -8.79 | -0.73 | **0.021** |
| Diabetes | -4.38 | -10.25 | 1.47 | 0.143 |
| Other | -1.79 | -3.96 | 0 .37  | 0.104 |
| **None** | **R** |
| **Employment status** |  |  |  |  |
| Not Working | -0.41 | -2.55-5.75 | 1.73 | 0.707 |
| Working | **R** |
| Retired | 1.90 | -2.53 | 6.35  | 0.400 |
| **Socioeconomic status** |  |  |  |  |
| High | **R** |
| Average | -3.43 | -5.75 | -1.11 | **<0.004** |
|  Low | -10.70 | -13.18 | -8.21 | **<0.001** |
| **Total score of social capital** | 0.18 | 0 .12 | 0.24 | **<0.001** |

**β,. Beta coefficient**

**CI, confidence interval;**

**R ., reference**

**TABLE 4: Variables associated with Environmental health domain in Joint family system after Univariate analysis**

|  |  |
| --- | --- |
| **Variable** | **Univariate analyses** |
| **Beta coefficient** | **95% CI** | **p - value** |
| **LL** | **UL** |
| **Type of Residence** |  |
| Urban | **R** |
| Rural | -6.65 | -8.53 | -4.77 | **< 0.001** |
| **Respondent Sex** |  |  |  |  |
| Male | **R** |  |  |  |
| Female | -0.13 | -1.82 | 1.54 | 0.872 |
| **Residence Ownership** |  |  |  |  |
| Owner | **R** | - |  |  |
| Not owner | 1.73 | -1.66 | 5.13 | 0.318 |
| **Respondent Age (decade)** | -0.03 | -0.08 | 0.02 | 0.237 |
| **Marital Status** |  |  |  |  |
| Married | **R** |  |  |  |
| Widow | -4.50 | -9.25 | 0.25 | 0.064 |
| Divorced | -3.37 | -17.38 | 10.63 | 0.637 |
| Separated | -4.15 | -18.16 | 9.85 | 0.561 |
| Never married | 1.38 | -0.99 | 3.79.135 | 0.256 |
| **Education** |  |  |  |  |
| No Education | -2.71 | -6.30 | 0.88 | 0.139 |
| Madressa | 1.57 | -5.98 | 9.13 | 0.683 |
| Can read / write | -1.92 | -5.81 | 1.96 | 0.333 |
| Primary (up to grade 5) | 0.01 | -3.21 | 3.22 | 0.997 |
| Secondary (up to grade 12) | -0.17 | -3.42 | 3.06 | 0.914 |
| Tertiary (up to grade 16 or above) | **R** |
| **Disease** |  |  |  |  |
| Physical disability | -6.50 | -14.35 | 1.33 | 0.104 |
| Hypertension | -1.18 | -4.59 | 2.21 | 0.494 |
| Diabetes | -1.66 | -6.62 | 3.29 | 0.511 |
| Other | -3.04 | -4.87 | -1.20 | <0.001 |
| **None** | **R** |
| **Employment status** |  |  |  |  |
| Not Working | -0.06 | -1.88 | 1.75 | 0.946 |
| Working | **R** |
| Retired | 2.52 | -1.24 | 6.29 | 0.189 |
| **Socioeconomic status** |  |  |  |  |
| High | **R** |
| Average | -4.28 | -6.21 | -2.35 | **<0.001** |
|  Low | -11.23 | -13.30 | -9.15 | **<0.001** |
| **Total score of social capital** | 0.14 | 0.09 | 0.20 | **<0.001** |

**β,. Beta coefficient**

**CI, confidence interval;**

**R ., reference**