**Supplementary Materials**

**Table S1:** Differences analysis for each variable (*M*±*SD*).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variables | Types | *N* | NCLP | PT | LCS | SA |
| Place of residence | Tibetan residential area | 421 | 3.49 ±0.49 | 3.67 ±0.40 | 3.36 ±0.42 | 3.64 ±0.44 |
| non-Tibetan residential area | 105 | 3.53 ±0.47 | 3.72 ±0.37 | 3.44 ±0.40 | 3.67 ±0.42 |
| t |  | -0.68 | -1.28 | -1.71 | -0.69 |
| Club experience | Yes | 431 | 3.52 ±0.49 | 3.70 ±0.39 | 3.38 ±0.42 | 3.68 ±0.45 |
| No | 116 | 3.43 ±0.48 | 3.60 ±0.42 | 3.32 ±0.42 | 3.53 ±0.37 |
| *t* |  | 1.79 | 2.52\*\* | 1.43 | 3.84\*\*\* |
| Begin to use the national common language | ①Kindergarten | 72 | 3.68 ±0.57 | 3.83 ±0.45 | 3.38 ±0.55 | 3.78 ±0.52 |
| ②Primary school | 356 | 3.52 ±0.46 | 3.66 ±0.39 | 3.39 ±0.39 | 3.65 ±0.41 |
| ③Junior high school | 95 | 3.38 ±0.45 | 3.65 ±0.39 | 3.32 ±0.41 | 3.57 ±0.44 |
| ④Senior high school | 24 | 3.17 ±0.54 | 3.63 ±0.42 | 3.29 ±0.46 | 3.52 ±0.38 |
| *F* |  | 9.67\*\*\* | 3.79\* | 0.91 | 3.86\*\* |
| *LSD* |  | ①>②>③,②>④ | ①>②,①>③,①>④ |  | ①>②>③,①>④ |
| Frequency of use of national common language | ①Rarely used | 61 | 3.25 ±0.54 | 3.61 ±0.44 | 3.29 ±0.42 | 3.49 ±0.44 |
| ②Sometimes used | 332 | 3.43 ±0.42 | 3.64 ±0.38 | 3.35 ±0.40 | 3.61 ±0.42 |
| ③Often used | 154 | 3.77 ±0.49 | 3.81 ±0.39 | 3.45 ±0.44 | 3.79 ±0.44 |
| *F* |  | 40.59\*\*\* | 11.51\*\*\* | 4.39\*\*\* | 14.35\*\*\* |
| *LSD* |  | ③>②>① | ③>②,③>① | ③>②,③>① | ③>②>① |

*Note*: \*\*\**p* < 0.001,\*\**p* < 0.01, \**p* < 0.05.

**Table S2:** Multi-group analysis of different genders.

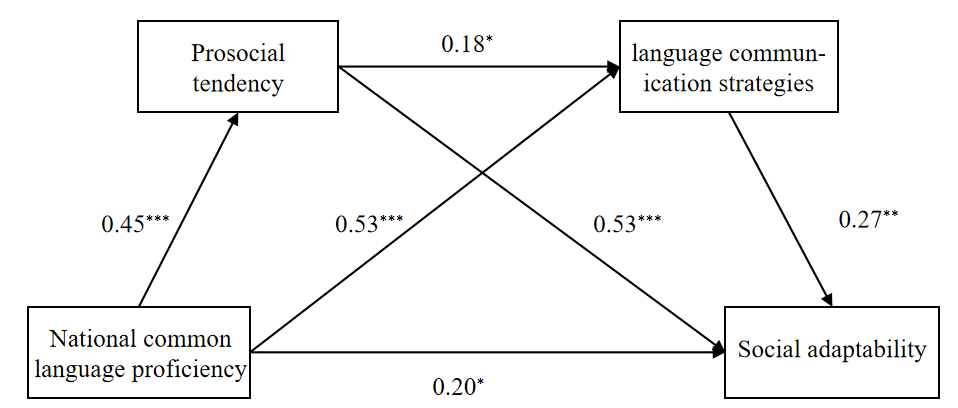
|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model | *χ*2 | *d*ƒ | ∆*χ*2 | *p* | *CFI* | *IFI* | *RMSEA* |
| Model 1 | 12.94 | 17 | - | - | 0.91 | 0.92 | 0.04 |
| Model 2 | 27.05 | 23 | 14.11 | 0.25 | 0.92 | 0.93 | 0.04 |
| Model 3 | 27.25 | 24 | 0.20 | 0.29 | 0.91 | 0.92 | 0.04 |

*Note*: Model 1: Unconstrained model; Model 2: Measurement weights model; Model 3: Structural weights model.

**Table S3:** Results of Chain Mediation Analysis for Male.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | *β* | *SE* | 95%CI | | Relative mediating effect |
| LL | UL |
| Total effect | 0.61 | 0.08 | 0.45 | 0.76 | 100% |
| Direct effect | 0.20 | 0.20 | 0.18 | 0.45 | 32.8% |
| Total indirect effect | 0.41 | 0.17 | 0.23 | 0.77 | 67.2% |
| NCLP→PT→SA | 0.24 | 0.07 | 0.13 | 0.39 | 39.3% |
| NCLP→LCS→SA | 0.15 | 0.16 | 0.01 | 0.47 | 24.6% |
| NCLP→PT→LCS→SA | 0.02 | 0.03 | 0.00 | 0.09 | 3.3% |

*Note:* NCLP: national common language proficiency, PT: pro-social tendency, LCS: language communication strategies, SA: social adaptation. Same as below.

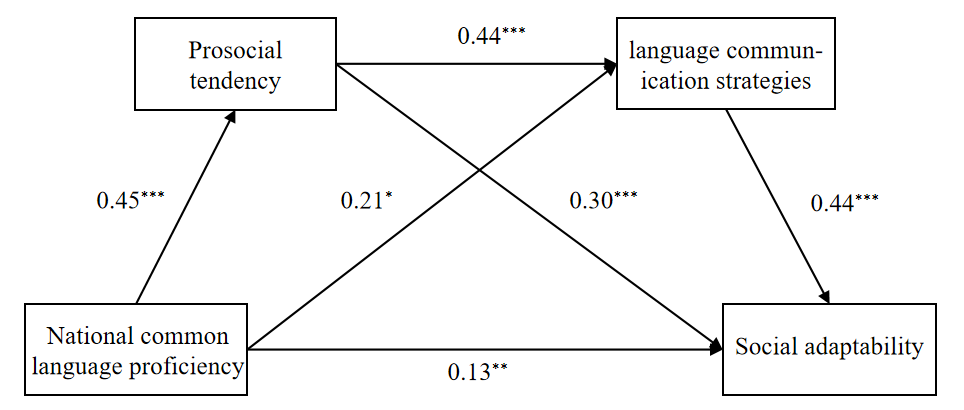


**Figure S1:** Mediation Path Diagram for Male.

*Note*: \*\*\**p* < 0.001,\*\**p* < 0.01, \**p* < 0.05.

**Table S4:** Results of Chain Mediation Analysis for Female.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | *β* | *SE* | 95%CI | | Relative mediating effect |
| LL | UL |
| Total effect | 0.45 | 0.07 | 0.30 | 0.58 | 100% |
| Direct effect | 0.13 | 0.09 | 0.05 | 0.28 | 28.9% |
| Total indirect effect | 0.32 | 0.07 | 0.21 | 0.47 | 71.1% |
| NCLP→PT→SA | 0.14 | 0.04 | 0.07 | 0.22 | 31.1% |
| NCLP→LCS→SA | 0.09 | 0.05 | 0.02 | 0.21 | 20.0% |
| NCLP→PT→LCS→SA | 0.09 | 0.03 | 0.05 | 0.15 | 20.0% |

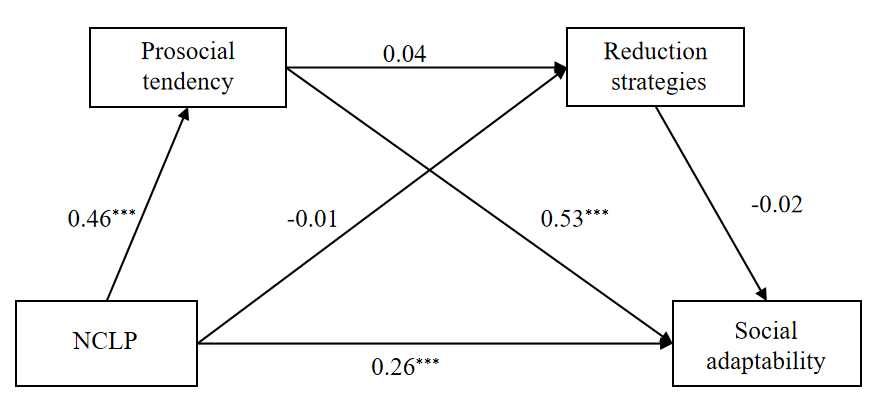


**Figure S2:** Mediation Path Diagram for Female.

*Note*: \*\*\**p* < 0.001,\*\**p* < 0.01, \**p* < 0.05.

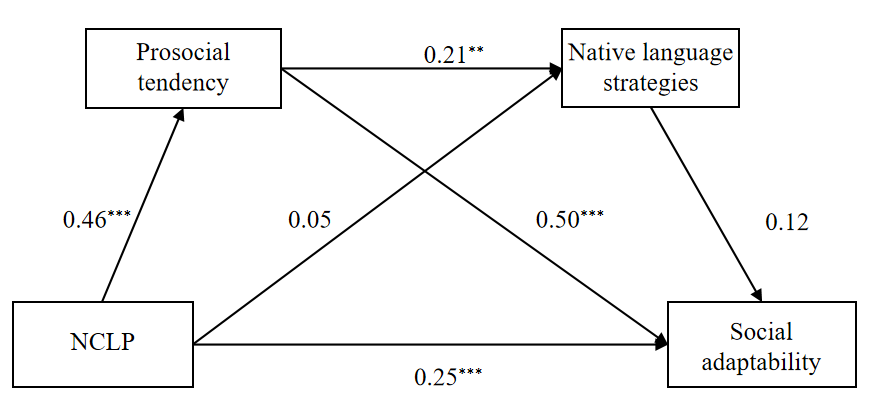
**Table S5:** Mediation Analysis of Target Language, Cooperative, and Nonverbal Strategies.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Target language strategies | | | | Cooperation strategies | | | | Nonverbal strategies | | | |
| *β* | *SE* | *95%CI* | relative effect | *β* | *SE* | *95%CI* | relative effect | *β* | *SE* | *95%CI* | relative effect |
| Total effect | 0.50 | 0.06 | [0.38, 0.60] | 100% | 0.50 | 0.06 | [0.38, 0.60] | 100% | 0.50 | 0.06 | [0.38, 0.60] | 100% |
| Direct effect | 0.18 | 0.07 | [0.04, 0.31] | 36.0% | 0.25 | 0.06 | [0.12, 0.36] | 50.0% | 0.24 | 0.06 | [0.11, 0.35] | 48.0% |
| Total indirect effect | 0.32 | 0.05 | [0.23, 0.41] | 64.0% | 0.25 | 0.04 | [0.18, 0.32] | 50.0% | 0.26 | 0.04 | [0.19, 0.33] | 52.0% |
| NCLP→PT→SA | 0.22 | 0.04 | [0.16, 0.29] | 44.0% | 0.21 | 0.04 | [0.16, 0.30] | 42.0% | 0.22 | 0.04 | [0.16, 0.30] | 44.0% |
| NCLP→LCS→SA | 0.08 | 0.02 | [0.03, 0.13] | 16.0% | 0.02 | 0.01 | [0.01, 0.04] | 4.0% | 0.02 | 0.01 | [0.01, 0.04] | 4.0% |
| NCLP→PT→LCS→SA | 0.02 | 0.01 | [0.01, 0.04] | 4.0% | 0.02 | 0.01 | [0.02, 0.06] | 4.0% | 0.02 | 0.01 | [0.01, 0.03] | 4.0% |



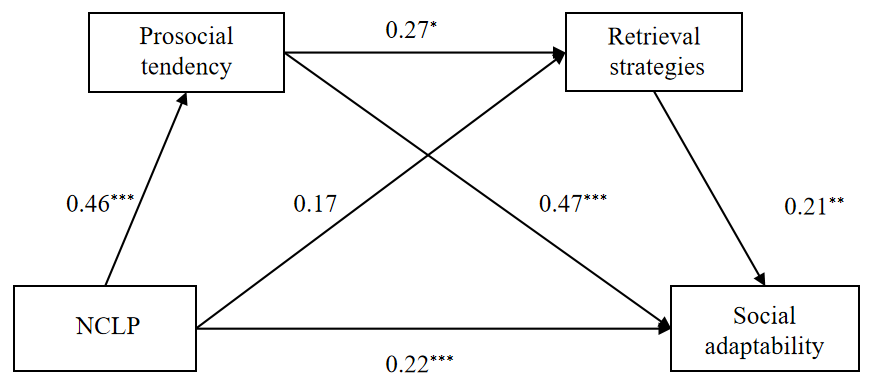
**Figure S3:** Path Diagram of the Chain Mediation Model for the Reduction Strategies.

*Note*: \*\*\**p* < 0.001.



**Figure S4:** Path Diagram of the Chain Mediation Model for the Native Language Strategies.

*Note*: \*\*\**p* < 0.001,\*\**p* < 0.01.



**Figure S5:** Path Diagram of the Chain Mediation Model for the Retrieval Strategies.

*Note*: \*\*\**p* < 0.001,\*\**p* < 0.01, \**p* < 0.05.