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| **Table S6** Palmar dermatoglyphics (triradii) of females |
|  | PT | Cases | EC | P1 | NEC | P2 | P3 |
|  | N | % | N | % | N | % |
| Right hand | A | 90 | 100 | 1 | 1.1 | 1 | 90 | 100 | 1 | 1 |
| B | 90 | 100 | 89 | 100 | 1 | 90 | 100 | 1 | 1 |
| C | 89 | 98.9 | 86 | 95.6 | 0.37 | 85 | 94.4 | 0.21 | 1 |
| D | 86 | 95.6 | 90 | 100 | 0.12 | 89 | 98.9 | 0.37 | 1 |
| a1 | 0 | 0 | 6 | 6.7 | 0.03\* | 6 | 6.7 | 0.03\* | 1 |
| b1 | 2 | 2.2 | 0 | 0 | 0.5 | 0 | 0 | 0.5 | 1 |
| c1 | 11 | 12.2 | 23 | 25.6 | 0.04\* | 20 | 22.2 | 0.08 | 0.6 |
| d1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| t | 74 | 82.2 | 71 | 78.9 | 0.57 | 70 | 77.8 | 0.46 | 0.86 |
| t1 | 16 | 17.8 | 18 | 20 | 0.7 | 19 | 21.1 | 0.57 | 0.85 |
| t11 | 12 | 13.3 | 5 | 5.6 | 0.12 | 3 | 3.3 | 0.03\* | 0.72 |
| t111 | 1 | 1.1 | 2 | 2.2 | 1 | 1 | 1.1 | 1 | 1 |
| e | 5 | 5.6 | 7 | 7.8 | 0.77 | 9 | 10 | 0.4 | 0.6 |
| f | 1 | 1.1 | 3 | 3.3 | 0.62 | 0 | 0 | 1 | 0.25 |
| tb | 11 | 12.2 | 15 | 16.7 | 0.4 | 7 | 7.8 | 0.32 | 0.07 |
| tr | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| tu | 0 | 0 | 1 | 1.1 | 1 | 0 | 0 | 1 | 1 |
| Z | 0 | 0 | 1 | 1.1 | 1 | 0 | 0 | 1 | 1 |
| Z1 | 1 | 1.1 | 4 | 4.4 | 0.37 | 5 | 5.6 | 0.21 | 1 |
| Z11 | 4 | 4.4 | 0 | 0 | 0.12 | 1 | 1.1 | 0.37 | 1 |
| Left hand | A | 90 | 100 | 90 | 100 | 1 | 90 | 100 | 1 | 1 |
| B | 90 | 100 | 90 | 100 | 1 | 90 | 100 | 1 | 1 |
| C | 82 | 91.1 | 86 | 95.6 | 0.37 | 82 | 91.1 | 1 | 0.37 |
| D | 89 | 98.9 | 90 | 100 | 1 | 90 | 100 | 1 | 1 |
| a1 | 0 | 0 | 2 | 2.2 | 0.5 | 4 | 4.4 | 0.12 | 0.68 |
| b1 | 1 | 1.1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| c1 | 18 | 20 | 30 | 33.3 | 0.04\* | 18 | 20 | 1 | 0.04\* |
| d1 | 1 | 1.1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| t | 64 | 71.1 | 68 | 75.6 | 0.5 | 65 | 72.2 | 0.87 | 0.61 |
| t1 | 25 | 27.8 | 15 | 16.7 | 0.07 | 24 | 26.7 | 0.87 | 0.1 |
| t11 | 15 | 16.7 | 9 | 10 | 0.19 | 6 | 6.7 | 0.04\* | 0.42 |
| t111 | 0 | 0 | 3 | 3.3 | 0.25 | 1 | 1.1 | 1 | 0.62 |
| e | 8 | 8.9 | 11 | 12.2 | 0.47 | 9 | 10 | 0.8 | 0.64 |
| f | 3 | 3.3 | 3 | 3.3 | 1 | 4 | 4.4 | 1 | 1 |
| tb | 9 | 10 | 14 | 15.6 | 0.26 | 6 | 6.7 | 0.15 | 0.06 |
| tr | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| tu | 1 | 1.1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| Z | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| Z1 | 8 | 8.9 | 4 | 4.4 | 0.37 | 8 | 8.9 | 1 | 0.37 |
| Z11 | 1 | 1.1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| *PT* Palmar triradii, *EC* endemic control, *NEC* non endemic control, *P1* P value of Cases Vs endemic control, *P2* P value of Cases Vs non endemic control, *P3* P value of endemic control Vs non endemic control, *N* number of values, *\** significant values |