Table 1a. Significance levels of haplotype enrichment within 8-12 mutational steps. Values with p<0.05 are bolded.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Euboea vs. | | | Corinthia vs. | | | Euboea vs. |
|  | Croatia | Albania | Turkey | Croatia | Albania | Turkey | Corinthia |
| East Sicily | **0.00000** | **0.00002** | **0.00000** | **0.02497** | 0.85592 | **0.00006** | **0.00013** |
| West Sicily | **0.00001** | **0.01098** | **0.01487** | **0.01734** | 0.60043 | 0.72580 | 0.05869 |
| South Italy | **0.00000** | **0.00186** | **0.00257** | **0.01804** | 0.51419 | 0.60002 | **0.01727** |
| Ionian Italy | **0.00000** | 0.30148 | **0.00230** | **0.00005** | 0.89556 | 0.09685 | 0.19161 |
| Central Italy | **0.00000** | **0.04539** | **0.00914** | **0.00000** | 0.54767 | 0.21634 | 0.22274 |
| North Italy | **0.00495** | 0.23218 | **0.00283** | 0.20377 | 1.00000 | 0.13417 | 0.15605 |

After Bonferroni correction:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Euboea vs. | | | Corinthia vs. | | | Euboea vs. |
|  | Croatia | Albania | Turkey | Croatia | Albania | Turkey | Corinthia |
| East Sicily | **0.00000** | **0.00008** | **0.00000** | 0.09988 | 1.00000 | **0.00024** | **0.00052** |
| West Sicily | **0.00004** | **0.04392** | 0.05948 | 0.06936 | 1.00000 | 1.00000 | 0.23476 |
| South Italy | **0.00000** | **0.00744** | **0.01028** | 0.07216 | 1.00000 | 1.00000 | 0.06908 |
| Ionian Italy | **0.00000** | 1.00000 | **0.00920** | **0.00020** | 1.00000 | 0.38740 | 0.76644 |
| Central Italy | **0.00000** | 0.18156 | **0.03656** | **0.00000** | 1.00000 | 0.86536 | 0.89096 |
| North Italy | **0.01980** | 0.92872 | **0.01132** | 0.81508 | 1.00000 | 0.53668 | 0.62420 |

Table 1b. Significance levels of haplotype enrichment within 8-12 mutational steps after removing haplotypes showing matches within the 0-7 mutations range. Values with p<0.05 are bolded.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Euboea vs. | | | Corinthia vs. | | | Euboea vs. |
|  | Croatia | Albania | Turkey | Croatia | Albania | Turkey | Corinthia |
| East Sicily | **0.03302** | **0.00624** | **0.00011** | 0.65675 | 1.00000 | 0.16146 | **0.00520** |
| West Sicily | **0.04113** | **0.01972** | **0.04546** | 0.78290 | 0.58171 | 0.78340 | 0.13875 |
| South Italy | **0.00027** | 0.17368 | 0.07584 | **0.00009** | 0.06603 | **0.02373** | 0.85785 |
| Ionian Italy | **0.00030** | 0.82917 | 0.11442 | 0.08607 | 0.25120 | 1.00000 | 0.10902 |
| Central Italy | **0.00358** | 0.64544 | 1.00000 | **0.00767** | 0.81960 | 1.00000 | 1.00000 |
| North Italy | **0.01634** | 0.16904 | 0.42036 | 0.30721 | 1.00000 | 1.00000 | 0.27607 |

After Bonferroni correction:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Euboea vs. | | | Corinthia vs. | | | Euboea vs. |
|  | Croatia | Albania | Turkey | Croatia | Albania | Turkey | Corinthia |
| East Sicily | 0.13208 | **0.02496** | **0.00044** | 1.00000 | 1.00000 | 0.64584 | **0.02080** |
| West Sicily | 0.16452 | 0.07888 | 0.18184 | 1.00000 | 1.00000 | 1.00000 | 0.55500 |
| South Italy | **0.00108** | 0.69472 | 0.30336 | **0.00036** | 0.26412 | 0.09492 | 1.00000 |
| Ionian Italy | **0.00120** | 1.00000 | 0.45768 | 0.34428 | 1.00000 | 1.00000 | 0.43608 |
| Central Italy | **0.01432** | 1.00000 | 1.00000 | **0.03068** | 1.00000 | 1.00000 | 1.00000 |
| North Italy | 0.06536 | 0.67616 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 |