| **Characteristic** | **Arts and Humanities**, N = 611 | **Business**, N = 441 | **Science**, N = 6101 | **Social Science**, N = 671 | **p-value**2 |
| --- | --- | --- | --- | --- | --- |
| Thalassemia is an inherited blood disorders |  |  |  |  | **<0.001** |
| Don't know | 18 (30%) | 19 (43%) | 65 (11%) | 26 (39%) |  |
| No | 6 (9.8%) | 4 (9.1%) | 22 (3.6%) | 2 (3.0%) |  |
| Yes | 37 (61%) | 21 (48%) | 523 (86%) | 39 (58%) |  |
| Thalassemia is a major contagious disease |  |  |  |  | **<0.001** |
| Don't know | 15 (25%) | 17 (39%) | 46 (7.5%) | 23 (34%) |  |
| No | 46 (75%) | 26 (59%) | 544 (89%) | 40 (60%) |  |
| Yes | 0 (0%) | 1 (2.3%) | 20 (3.3%) | 4 (6.0%) |  |
| Thalassemia can pass onto your child through a gene |  |  |  |  | **<0.001** |
| Don't know | 17 (28%) | 11 (25%) | 52 (8.5%) | 18 (27%) |  |
| No | 1 (1.6%) | 0 (0%) | 15 (2.5%) | 1 (1.5%) |  |
| Yes | 43 (70%) | 33 (75%) | 543 (89%) | 48 (72%) |  |
| Pregnancy shouldn’t be continued in thalassemic mothers |  |  |  |  | **<0.001** |
| Don't know | 39 (64%) | 34 (77%) | 296 (49%) | 48 (72%) |  |
| No | 1 (1.6%) | 1 (2.3%) | 102 (17%) | 3 (4.5%) |  |
| Yes | 21 (34%) | 9 (20%) | 212 (35%) | 16 (24%) |  |
| Intermarriage among blood relatives is a significant risk factor for thalassemia |  |  |  |  | **<0.001** |
| Don't know | 26 (43%) | 23 (52%) | 114 (19%) | 31 (46%) |  |
| No | 5 (8.2%) | 2 (4.5%) | 18 (3.0%) | 1 (1.5%) |  |
| Yes | 30 (49%) | 19 (43%) | 478 (78%) | 35 (52%) |  |
| Blood transfusion is a treatment of thalassemia major patients |  |  |  |  | **<0.001** |
| Don't know | 27 (44%) | 20 (45%) | 160 (26%) | 31 (46%) |  |
| No | 1 (1.6%) | 0 (0%) | 23 (3.8%) | 4 (6.0%) |  |
| Yes | 33 (54%) | 24 (55%) | 427 (70%) | 32 (48%) |  |
| Thalassemia is a preventable disease |  |  |  |  | **<0.001** |
| Don't know | 27 (44%) | 18 (41%) | 154 (25%) | 27 (40%) |  |
| No | 6 (9.8%) | 5 (11%) | 142 (23%) | 5 (7.5%) |  |
| Yes | 28 (46%) | 21 (48%) | 314 (51%) | 35 (52%) |  |
| Thalassemia is a curable disease |  |  |  |  | **<0.001** |
| Don't know | 32 (52%) | 18 (41%) | 159 (26%) | 32 (48%) |  |
| No | 12 (20%) | 8 (18%) | 291 (48%) | 14 (21%) |  |
| Yes | 17 (28%) | 18 (41%) | 160 (26%) | 21 (31%) |  |
| Blood tests can be used for diagnosis Thalassemia. |  |  |  |  | **<0.001** |
| Don't know | 21 (34%) | 14 (32%) | 74 (12%) | 17 (25%) |  |
| No | 2 (3.3%) | 1 (2.3%) | 13 (2.1%) | 2 (3.0%) |  |
| Yes | 38 (62%) | 29 (66%) | 523 (86%) | 48 (72%) |  |
| Are you aware of two types of Thalassemia? |  |  |  |  | **<0.001** |
| Don't know | 24 (39%) | 19 (43%) | 94 (15%) | 27 (40%) |  |
| No | 21 (34%) | 16 (36%) | 137 (22%) | 23 (34%) |  |
| Yes | 16 (26%) | 9 (20%) | 379 (62%) | 17 (25%) |  |
| Can thalassemia spread by food ,medicine & infection? |  |  |  |  | **<0.001** |
| Don't know | 26 (43%) | 20 (45%) | 112 (18%) | 26 (39%) |  |
| No | 32 (52%) | 20 (45%) | 476 (78%) | 35 (52%) |  |
| Yes | 3 (4.9%) | 4 (9.1%) | 22 (3.6%) | 6 (9.0%) |  |
| Testing of blood before marriage should be made compulsory. |  |  |  |  | **<0.001** |
| Don't know | 12 (20%) | 4 (9.1%) | 41 (6.7%) | 16 (24%) |  |
| No | 1 (1.6%) | 1 (2.3%) | 12 (2.0%) | 1 (1.5%) |  |
| Yes | 48 (79%) | 39 (89%) | 557 (91%) | 50 (75%) |  |
| 1n (%) | | | | | |
| 2Fisher's exact test; Pearson's Chi-squared test | | | | | |