Table S1. Frequency distribution of socio-demographic, exposure related to awareness, life style adopted, health related issues, anthropometric, family history of disease among adults, Lahore, Pakistan (n=607)

| Characteristics                      | Current tobacco Smoking (10.5%) | p-value | Current Smokeless Tobacco (8.6%) | p-value |
|--------------------------------------|---------------------------------|---------|-----------------------------------|---------|
|                                      | Yes (%1)            | No (%) | Yes (%)          | No (%) |
| Age                                  |                    |        |                    |         |
| 30 to 39 years                       | 18(28.1)           | 223(41.1) | 0.118             | 25(48.1) | 216(38.9) | 0.486 |
| 40 to 49 years                       | 20(31.1)           | 127(23.4) | 12(23.1)         | 135(24.3) |
| 50 to 59                             | 12(18.8)           | 113(20.8) | 7(13.5)          | 118(21.3) |
| ≥ 60 years                           | 14(21.9)           | 80(14.7)  | 8(15.4)          | 86(15.5)  |
| Gender                               |                    |        |                    |         |
| Male**                               | 54(84.4)           | 162(29.8) | 0.000             | 40(76.9) | 176(31.7) | 0.000 |
| Female                               | 10(15.6)           | 381(70.2) | 12(23.1)         | 379(68.3) |
| Marital Status                       |                    |        |                    |         |
| Never married                        | 5(7.8)             | 17(3.1)   | 0.058             | 4(7.7)   | 18(3.2)   | 0.101 |
| Ever married                         | 59(92.2)           | 526(96.9) | 48(92.3)         | 537(96.8) |
| Ethnicity *                          |                    |        |                    |         |
| Urdu                                 | 13(20.3)           | 216(39.8) | 18(34.6)         | 211(38)  |
| Punjabi                              | 42(65.6)           | 251(46.2) | 22(42.3)         | 271(48.8) |
| Pushto                               | 9(14.1)            | 76(14)   | 12(23.1)         | 73(13.2)  |
| Education                            |                    |        |                    |         |
| Intermediate and above               | 8(12.5)            | 48(8.8)  | 0.629             | 3(5.8)   | 53(9.5)   | 0.656 |
| Primary to secondary                 | 26(40.6)           | 226(41.6) | 23(44.2)        | 229(41.2) |
| Illiterate                           | 30(46.9)           | 269(49.5) | 26(50)          | 273(49.2) |
| Socio-economic status                |                    |        |                    |         |
| High income                          | 18(28.1)           | 136(25)  | 0.866             | 10(19.2) | 144(25.9) | 0.560 |
| Middle income                        | 17(26.6)           | 150(27.6) | 15(28.8)        | 152(27.4) |
| Low income                           | 29(45.3)           | 257(47.3) | 27(51.9)        | 259(46.7) |
| Occupation *                         |                    |        |                    |         |
| Employed                             | 49(76.1)           | 164(30.2) | 0.000             | 37(71.2) | 176(31.7) | 0.000 |
| Unemployed                           | 15(23.4)           | 379(69.8) | 15(28.8)        | 379(68.3) |
| Exposure to environmental tobacco smoke* |                   |        |                    |         |
| Yes                                  | 35(54.7)           | 91(16.8)  | 0.000             | 38(73.1) | 88(15.9)  | 0.000 |
| No                                   | 29(45.3)           | 452(83.2) | 14(26.9)        | 467(84.1) |
| Exposure to Media*                   |                    |        |                    |         |
| None                                 | 31(48.4)           | 173(31.9) | 0.029             | 28(53.8) | 176(31.7) | 0.003 |
| At least one                         | 21(32.8)           | 228(42)  | 18(34.6)        | 231(41.6) |
| All three                            | 12(18.2)           | 142(26.2) | 6(11.5)         | 148(26.7) |
| Exposure to health warnings*         |                    |        |                    |         |
| Yes                                  | 51(79.7)           | 68(12.5)  | 0.000             | 21(40.4) | 98(17.7)  | 0.000 |
|                      | No                      | Yes                      | p-value | No                      | Yes                      | p-value |
|----------------------|-------------------------|--------------------------|---------|-------------------------|--------------------------|---------|
| Intense Physical Activity* | 13(20.3) 475(87.5) | 31(59.6) 457(82.3) | 0.002  | 12(22.7) 128(23.1) | 22(42.3) 134(24.1) | 0.890   |
|                      | Yes                      | 27(42.2) 123(22.7) | 0.001  | 22(42.3) 128(23.1) | 22(42.3) 134(24.1) | 0.890   |
|                      | No                      | 37(57.8) 420(77.3) | 0.002  | 30(57.7) 427(76.9) | 22(42.3) 134(24.1) | 0.890   |
| Moderate Physical Activity |                      |                          |         |                          |                          |         |
|                      | Yes                      | 18(28.1) 129(23.8) | 0.440  | 13(25) 134(24.1) | 22(42.3) 134(24.1) | 0.890   |
|                      | No                      | 46(71.9) 414(76.2) | 0.002  | 39(75) 421(75.9) | 22(42.3) 134(24.1) | 0.890   |
| Mild Physical Activity | 34(53.1) 250(46) | 30(57.7) 421(76.9) | 0.001  | 23(44.2) 261(47) | 6(11.5) 64(11.5) | 0.677   |
|                      | Yes                      | 34(53.1) 250(46) | 0.283  | 23(44.2) 261(47) | 6(11.5) 64(11.5) | 0.677   |
|                      | No                      | 30(46.9) 293(54) | 0.001  | 29(55.8) 294(53) | 22(42.3) 134(24.1) | 0.890   |
| Have Hypertension* | 21(32.8) 304(56) | 0.000  | 22(42.3) 303(54.6) | 0.089 |
|                      | Yes                      | 21(32.8) 304(56) | 0.000  | 22(42.3) 303(54.6) | 0.089 |
|                      | No                      | 43(67.2) 239(44) | 0.001  | 30(57.7) 252(45.4) | 22(42.3) 134(24.1) | 0.890   |
| Have Diabetes Mellitus * | 13(20.3) 177(32.6) | 0.045  | 8(15.4) 182(32.8) | 0.010 |
|                      | Yes                      | 13(20.3) 177(32.6) | 0.045  | 8(15.4) 182(32.8) | 0.010 |
|                      | No                      | 51(79.7) 366(67.4) | 0.001  | 44(84.6) 373(67.2) | 22(42.3) 134(24.1) | 0.890   |
| Have Hyperlipidemia | 3(4.7) 66(12.2) | 0.075  | 5(9.6) 64(11.5) | 0.677 |
|                      | Yes                      | 3(4.7) 66(12.2) | 0.075  | 5(9.6) 64(11.5) | 0.677 |
|                      | No                      | 61(95.3) 477(87.8) | 0.001  | 47(90.4) 491(88.5) | 22(42.3) 134(24.1) | 0.890   |
| Ever advised for quitting tobacco use* | 29(45.3) 158(29.1) | 0.008  | 23(44.2) 164(29.5) | 0.028 |
|                      | Yes                      | 29(45.3) 158(29.1) | 0.008  | 23(44.2) 164(29.5) | 0.028 |
|                      | No                      | 35(54.7) 385(70.9) | 0.001  | 29(55.8) 391(70.5) | 22(42.3) 134(24.1) | 0.890   |
| Body Mass Index * | 31(48.4) 159(29.3) | 0.005  | 23(44.2) 167(30.1) | 0.095 |
|                      | Normal weight            | 31(48.4) 159(29.3) | 0.005  | 23(44.2) 167(30.1) | 0.095 |
|                      | Overweight               | 19(29.7) 189(34.8) | 0.001  | 16(30.8) 192(34.6) | 0.095 |
|                      | Obese                    | 14(21.9) 195(35.9) | 0.001  | 13(25) 196(35.3) | 0.955   |
| Family History of Stroke | 3(4.7) 47(8.7) | 0.275  | 7(13.5) 43(7.7) | 0.152 |
|                      | Yes                      | 3(4.7) 47(8.7) | 0.275  | 7(13.5) 43(7.7) | 0.152 |
|                      | No                      | 61(95.3) 496(91.3) | 0.001  | 45(86.5) 512(92.3) | 22(42.3) 134(24.1) | 0.890   |
| Family History of IHD | 14(21.9) 96(17.7) | 0.410  | 8(15.4) 102(18.4) | 0.592 |
|                      | Yes                      | 14(21.9) 96(17.7) | 0.410  | 8(15.4) 102(18.4) | 0.592 |
|                      | No                      | 50(78.1) 447(82.3) | 0.001  | 44(84.6) 453(81.6) | 22(42.3) 134(24.1) | 0.890   |
| Family History of Hypertension | 21(32.8) 213(39.2) | 0.319  | 25(48.1) 209(37.7) | 0.140 |
|                      | Yes                      | 21(32.8) 213(39.2) | 0.319  | 25(48.1) 209(37.7) | 0.140 |
|                      | No                      | 43(67.2) 330(60.8) | 0.001  | 37(69.2) 346(62.3) | 0.001   |
| Family History of Diabetes | 26(40.6) 228(42) 0.834  18(34.6) 236(42.5) 0.269 |
|                      | Yes                      | 26(40.6) 228(42) | 0.834  | 18(34.6) 236(42.5) | 0.269 |
|                      | No                      | 38(59.4) 315(58) | 0.001  | 34(65.4) 319(57.5) | 0.001   |

*Significant at p≤0.05

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