# TABLE 1. Characteristics at baseline and endline

| **Characteristics** | **SDB Baseline** | **no SDB Baseline** | **baseline  p-value** | **baseline  CI** | **SDB endline** | **no SDB endline** | **endline  p-value** | **endline  CI** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Overall | 73.42(63.68-83.16) | 26.58(16.84-36.32) |  |  | 24.14(13.13-35.15) | 36.21(23.84-48.58) |  |  |
| Height | 107.5(97.175-116) | 110(98-125.5) |  |  | 107.5(97.175-116) | 110(98-125.5) |  |  |
| bmi | 14.2(13.2-16.075) | 14.9(13.8-15.3) |  |  | 14.2(13.2-16.075) | 14.9(13.8-15.3) |  |  |
| Age | 3.9(3-5) | 4.5(3.8-6) | 0.153 | -1.6001,0.1999 | 3.9(3-5) | 4.5(3.8-6) | 0.301 | -0.5,1.5 |
| 2-5 yrs | 75.86(64.85-86.87) | 61.9(41.13-82.67) |  |  | 13.79(4.92-22.67) | 61.9(41.13-82.67) |  |  |
| 6-10 yrs | 24.14(13.13-35.15) | 38.1(17.33-58.87) |  |  | 10.34(2.51-18.18) | 38.1(17.33-58.87) |  |  |
| Gender |  |  | 0.45 | 0.4771,4.5744 |  |  | 0.38 | 0.4775,9.0709 |
| Male | 62.07(49.58-74.56) | 52.38(31.02-73.74) |  |  | 17.24(7.52-26.96) | 52.38(31.02-73.74) |  |  |
| Female | 37.93(25.44-50.42) | 47.62(26.26-68.98) |  |  | 6.9(0.38-13.42) | 47.62(26.26-68.98) |  |  |
| Asthma |  |  | 1 | 0.2657,3.1044 |  |  | 1 | 0.2456,4.0735 |
| Asthma Yes | 32.76(20.68-44.84) | 33.33(13.17-53.5) |  |  | 8.62(1.4-15.84) | 33.33(13.17-53.5) |  |  |
| Asthma No | 63.79(51.42-76.16) | 57.14(35.98-78.31) |  |  | 15.52(6.2-24.84) | 57.14(35.98-78.31) |  |  |
| Allergic rhinitis |  |  | 0.017 | 1.245,14.6231 |  |  | 0.533 | 0.4612,7.3345 |
| Yes | 62.07(49.58-74.56) | 28.57(9.25-47.89) |  |  | 15.52(6.2-24.84) | 28.57(9.25-47.89) |  |  |
| No | 37.93(25.44-50.42) | 71.43(52.11-90.75) |  |  | 8.62(1.4-15.84) | 71.43(52.11-90.75) |  |  |
| Birth weight category |  |  | 0.101 | 0,1.5513 |  |  | 1 | 0.174,76.0541 |
| <2.5 kgs | 13.79(4.92-22.67) | 0(0-0) |  |  | 1.72(-1.63-5.07) | 0(0-0) |  |  |
| >=2.5 kgs | 86.21(77.33-95.08) | 100(100-100) |  |  | 22.41(11.68-33.15) | 100(100-100) |  |  |
| Hospital category |  |  | 0.181 | 0.6047,10 |  |  |  |  |
| Private | 13.79(4.92-22.67) | 28.57(9.25-47.89) |  |  | 0(0-0) | 28.57(9.25-47.89) |  |  |
| Public | 86.21(77.33-95.08) | 71.43(52.11-90.75) |  |  | 24.14(13.13-35.15) | 71.43(52.11-90.75) |  |  |
| BMI category |  |  | 0.646 |  |  |  | 0.652 | 0.1244,9.2631 |
| Underweight | 5.17(-0.53-10.87) | 4.76(-4.35-13.87) |  |  | 0(0-0) | 4.76(-4.35-13.87) |  |  |
| Normal | 75.86(64.85-86.87) | 90.48(77.92-103.03) |  |  | 20.69(10.26-31.11) | 90.48(77.92-103.03) |  |  |
| Overweight | 12.07(3.69-20.45) | 4.76(-4.35-13.87) |  |  | 3.45(-1.25-8.14) | 4.76(-4.35-13.87) |  |  |
| Obese | 6.9(0.38-13.42) | 0(0-0) |  |  | 0(0-0) | 0(0-0) |  |  |
| OSA |  |  | 0 | 2.516,42.807 |  |  | 0.769 | 0.2011,2.8629 |
| OSA Yes | 68.97(57.06-80.87) | 19.05(2.25-35.84) |  |  | 12.07(3.69-20.45) | 19.05(2.25-35.84) |  |  |
| OSA No | 31.03(19.13-42.94) | 80.95(64.16-97.75) |  |  | 12.07(3.69-20.45) | 80.95(64.16-97.75) |  |  |
| wet bed |  |  | 0.505 | 0.0992,2.4673 |  |  | 1 | 0.2603,5.6799 |
| wet Yes | 29.31(17.6-41.02) | 19.05(2.25-35.84) |  |  | 8.62(1.4-15.84) | 19.05(2.25-35.84) |  |  |
| wet No | 31.03(19.13-42.94) | 38.1(17.33-58.87) |  |  | 12.07(3.69-20.45) | 38.1(17.33-58.87) |  |  |
| Employment |  |  | 0.69 |  |  |  | 0.567 |  |
| Employed | 29.31(17.6-41.02) | 33.33(13.17-53.5) |  |  | 5.17(-0.53-10.87) | 33.33(13.17-53.5) |  |  |
| Self employed | 41.38(28.7-54.05) | 47.62(26.26-68.98) |  |  | 13.79(4.92-22.67) | 47.62(26.26-68.98) |  |  |
| Unemployed | 29.31(17.6-41.02) | 19.05(2.25-35.84) |  |  | 5.17(-0.53-10.87) | 19.05(2.25-35.84) |  |  |
| Insurance |  |  | 0.575 |  |  |  | 0.349 | 0.3477,15.7193 |
| Employer | 1.72(-1.63-5.07) | 0(0-0) |  |  | 0(0-0) | 0(0-0) |  |  |
| NHIF | 77.59(66.85-88.32) | 66.67(46.5-86.83) |  |  | 18.97(8.88-29.05) | 66.67(46.5-86.83) |  |  |
| None | 10.34(2.51-18.18) | 9.52(-3.03-22.08) |  |  | 5.17(-0.53-10.87) | 9.52(-3.03-22.08) |  |  |
| Other | 8.62(1.4-15.84) | 19.05(2.25-35.84) |  |  | 0(0-0) | 19.05(2.25-35.84) |  |  |
| Smoking |  |  | 1 | 0.0355,44.2241 |  |  |  |  |
| smoking Yes | 3.45(-1.25-8.14) | 4.76(-4.35-13.87) |  |  | 0(0-0) | 4.76(-4.35-13.87) |  |  |
| smoking No | 96.55(91.86-101.25) | 95.24(86.13-104.35) |  |  | 24.14(13.13-35.15) | 95.24(86.13-104.35) |  |  |
| child asthma |  |  | 0.658 | 0.0941,8.5696 |  |  | 1 | 0.0178,9.1819 |
| child\_asthma Yes | 6.9(0.38-13.42) | 9.52(-3.03-22.08) |  |  | 1.72(-1.63-5.07) | 9.52(-3.03-22.08) |  |  |
| child\_asthma No | 91.38(84.16-98.6) | 90.48(77.92-103.03) |  |  | 22.41(11.68-33.15) | 90.48(77.92-103.03) |  |  |
| Wheezing |  |  | 0.768 | 0.3306,6.158 |  |  | 0.496 | 0.3012,6.4831 |
| wheezing Yes | 22.41(11.68-33.15) | 19.05(2.25-35.84) |  |  | 6.9(0.38-13.42) | 19.05(2.25-35.84) |  |  |
| wheezing No | 74.14(62.87-85.41) | 80.95(64.16-97.75) |  |  | 17.24(7.52-26.96) | 80.95(64.16-97.75) |  |  |
| Asthma treatment |  |  | 0.555 | 0.1967,2.6528 |  |  | 1 | 0.1185,3.2956 |
| asthma treat yes | 24.14(13.13-35.15) | 28.57(9.25-47.89) |  |  | 5.17(-0.53-10.87) | 28.57(9.25-47.89) |  |  |
| asthma treat no | 75.86(64.85-86.87) | 61.9(41.13-82.67) |  |  | 18.97(8.88-29.05) | 61.9(41.13-82.67) |  |  |
| Symptomatic rhinitis |  |  | 0.559 | 0.3681,5 |  |  | 0.32 | 0.1317,2 |
| symptomatic rhinitis no | 22.41(11.68-33.15) | 28.57(9.25-47.89) |  |  | 8.62(1.4-15.84) | 28.57(9.25-47.89) |  |  |
| symptomatic rhinitis yes | 74.14(62.87-85.41) | 66.67(46.5-86.83) |  |  | 15.52(6.2-24.84) | 66.67(46.5-86.83) |  |  |
| Known allergic rhinitis |  |  | 0.33 | 0.5317,27.1112 |  |  | 0.451 | 0.3764,8.4816 |
| known allergic rhinitis yes | 22.41(11.68-33.15) | 9.52(-3.03-22.08) |  |  | 6.9(0.38-13.42) | 9.52(-3.03-22.08) |  |  |
| known allergic rhinitis no | 77.59(66.85-88.32) | 90.48(77.92-103.03) |  |  | 17.24(7.52-26.96) | 90.48(77.92-103.03) |  |  |
| intranasal steroids |  |  | 0.07 | 0.8205,10.2483 |  |  | 0.17 | 0.5928,206.8096 |
| intranasal steroids no | 17.24(7.52-26.96) | 38.1(17.33-58.87) |  |  | 1.72(-1.63-5.07) | 38.1(17.33-58.87) |  |  |
| intranasal steroids yes | 82.76(73.04-92.48) | 61.9(41.13-82.67) |  |  | 22.41(11.68-33.15) | 61.9(41.13-82.67) |  |  |
| antiacids |  |  | 0.605 | 0.0554,6.7064 |  |  | 0.213 | 0.2563,32.8817 |
| antiacids no | 94.83(89.13-100.53) | 90.48(77.92-103.03) |  |  | 20.69(10.26-31.11) | 90.48(77.92-103.03) |  |  |
| antiacids yes | 5.17(-0.53-10.87) | 9.52(-3.03-22.08) |  |  | 3.45(-1.25-8.14) | 9.52(-3.03-22.08) |  |  |