Table S1: Factors associated with minimum dietary diversity score at bivariable logistic regression (at p-value < 0.25) among lactating mothers in Abala district, Afar region, North east Ethiopia, 2020 (n=360).

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables / Category**  | **MDDS** | **COR(95% CI)** | **P-value** |
| **Met** | **Not met** |
| **Maternal residence**  |  |
| Rural  | 57 | 240 | 1 |  |
| Urban  | 28 | 335 | 3.37(1.90 - 5.99) | 0.000 |
| **Maternal age**  |
| 15-24 | 33 | 71 | 3.04(1.49-6.21) | 0.002 |
| 25-34 | 39 | 119 | 2.14(1.08 – 4.26) | 0.03 |
| 35-49 | 13 | 85 | 1 |  |
| **Maternal education**  |
| Not educated  | 35 | 187 | 1 |  |
| Primary  | 26 | 76 | 1.83(1.013 - 3.24) | 0.039 |
| Secondary and above  | 24 | 12 | 10.89(4.8 - 23.34) | 0.000 |
| **Maternal occupation**  |
| Employed  | 17 | 10 | 1 |  |
| Housewife  | 21 | 147 | 0.08(0.03 - 0.21) | 0.000 |
| Merchant  | 32 | 88 | 0.21(0.09 - 0.52) | 0.001 |
| Pastoralist  | 15 | 30 | 0.29(0.11 - 0.80) | 0.016 |
| **Paternal education**  |
| Not attend  | 35 | 193 | 1 |  |
| Primary  | 13 | 47 | 1.53(0.75 - 3.11) | 0.245 |
| Secondary and above | 37 | 35 | 5.83(3.25 - 10.47) | 0.000 |
| **Paternal occupation** |
| Employed  | 34 | 35 | 1 |  |
| Pastoralist  | 35 | 200 | 0.18(0.10 - 0.33) | 0.000 |
| Others  | 16 | 40 | 0.41(0.20 - 0.87) | 0.020 |
| **Family size**  |
| <4 | 45 | 95 | 1.94(1.19 - 3.17) | 0.008 |
| >4 | 42 | 180 | 1 |  |
| **House hold decision**  |
| Husband  | 50 | 195 | 1 |  |
| Wife  | 12 | 41 | 1.14(0.56 – 2.33) | 0.717 |
| Together  | 23 | 39 | 2.30(1.26 – 4.20) | 0.007 |
| **Tv/radio ownership**  |
| Yes  | 25 | 34 | 2.95(1.64 - 5.32) | 0.000 |
| No  | 60 | 241 | 1 |  |
| **Livestock ownership**  |
| Yes  | 59 | 240 | 3.02(1.69 – 5.41) | 0.000 |
| No  | 26 | 35 | 1 |  |
| **ANC**  |
| No  | 13 | 124 | 1 |  |
| 1-3 times  | 41 | 121 | 3.23(1.65 - 6.33) | 0.000 |
| >4 times  | 31 | 30 | 9.86(4.61 – 21.09) | 0.001 |
| **Gravidity**  |
| Primigravida  | 24 | 39 | 3.56(1.76 - 7.20) | 0.000 |
| 2-4 | 42 | 126 | 1.93(1.06 - 3.51) | 0.032 |
| > 5 | 19 | 110 | 1 |  |
| **Minimum meal frequency**  |
| Met  | 56 | 61 | 6.77 (3.98 - 11.52) | 0.000 |
| Not met | 29 | 214 | 1 |  |
| **Birth place**  |
| Home  | 38 | 59 | 1 |  |
| Health institution  | 47 | 216 | 2.96(1.77 - 4.96) | 0.000 |