CASE DETECTION OF TUBERCULOSIS PATIENTS USING MACHINE-LEARNING

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## 1 Supplemental Information

This document represents additional information about the data and results.

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| Figure 1: TB\_barplot |

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| Figure 2: Age distribution |

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| Figure 3: AGe \_TB Box PLot |

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| Figure 4: Hivstatus barplot |

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| Table 1: Table showing Characteristics   | Characteristic | No TB | With TB | | --- | --- | --- | | Gender | NA | NA | | FEMALE | 646 (48%) | 443 (47%) | | MALE | 697 (52%) | 508 (53%) | | Asthma | NA | NA | | NO | 1,284 (96%) | 934 (98%) | | YES | 59 (4.4%) | 17 (1.8%) | | Smoke | NA | NA | | NO | 996 (74%) | 693 (73%) | | YES | 347 (26%) | 258 (27%) | | Alcohol | NA | NA | | NO | 469 (35%) | 330 (35%) | | YES | 874 (65%) | 621 (65%) | | feverstatus | NA | NA | | NO | 313 (23%) | 179 (19%) | | YES | 1,030 (77%) | 772 (81%) | | Weightloss | NA | NA | | NO | 160 (12%) | 45 (4.7%) | | YES | 1,183 (88%) | 906 (95%) | | coughstatus | NA | NA | | NO | 0 (0%) | 1 (0.1%) | | YES | 1,343 (100%) | 950 (100%) | | Sputumproduction | NA | NA | | NO | 8 (0.6%) | 10 (1.1%) | | YES | 1,335 (99%) | 941 (99%) | | BloodinSputum | NA | NA | | NO | 949 (71%) | 724 (76%) | | YES | 394 (29%) | 227 (24%) | | cxrconclusion\_chestxray | NA | NA | | NEGATIVE | 860 (64%) | 333 (35%) | | POSITIVE | 483 (36%) | 618 (65%) | | homefuel | NA | NA | | No | 852 (63%) | 15 (1.6%) | | Yes | 491 (37%) | 936 (98%) | | hivstatus | NA | NA | | NEGATIVE | 530 (39%) | 303 (32%) | | POSITIVE | 813 (61%) | 648 (68%) | |