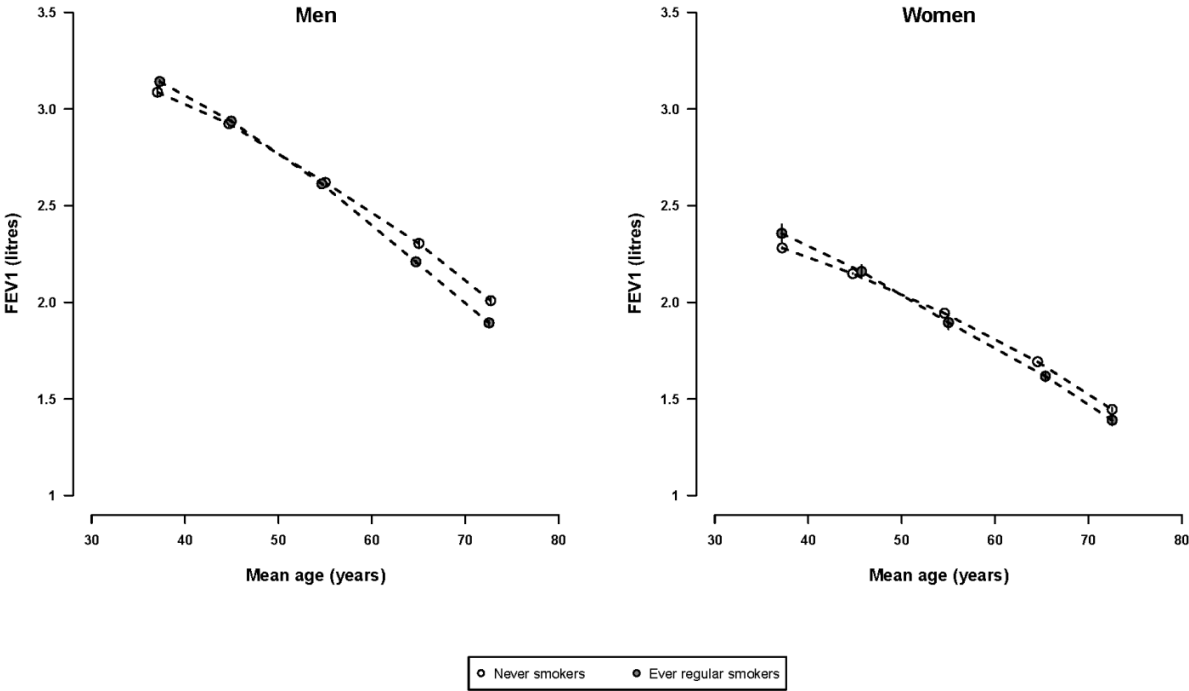
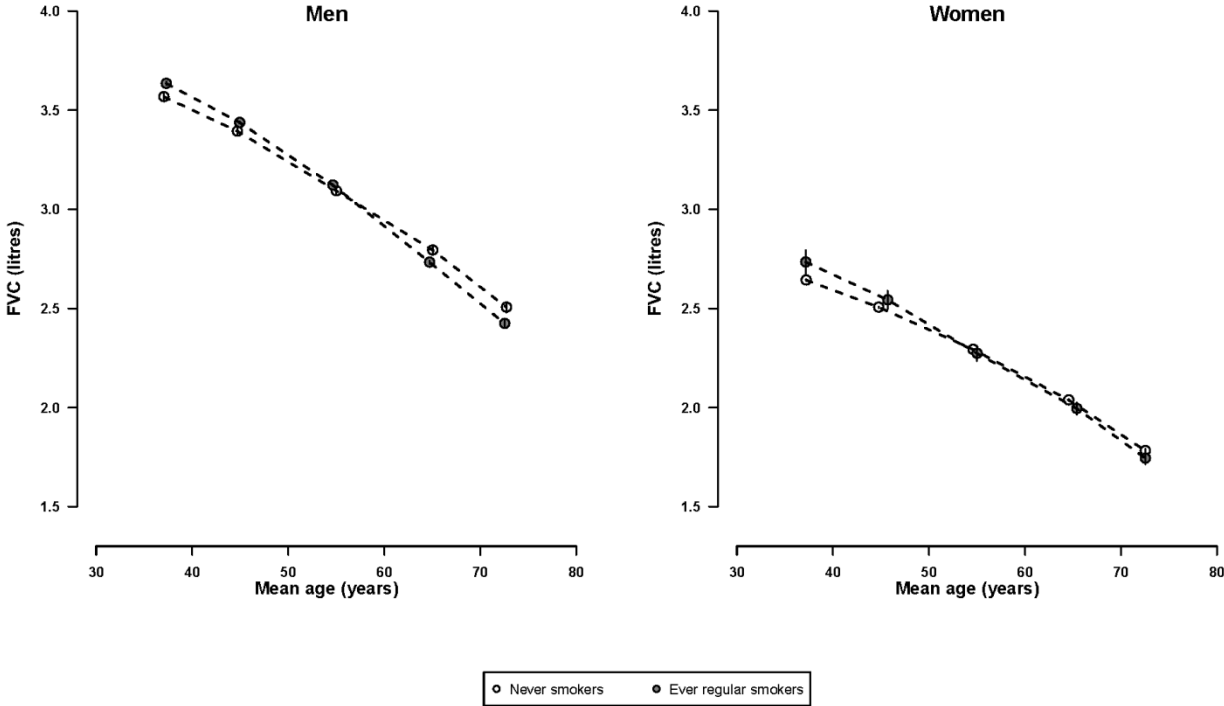


**Supplementary figures**



**Figure S1: FEV<sub>1</sub> with age by smoking status**



**Figure S2: FVC with age by smoking status**

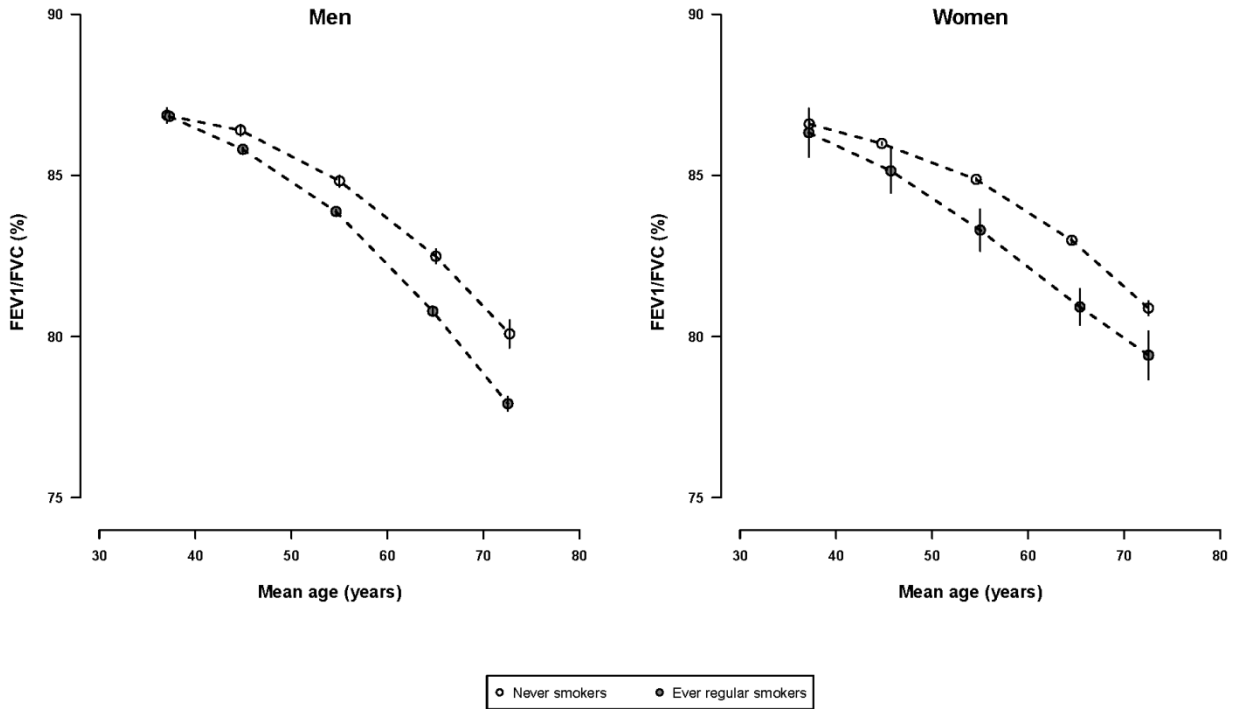


Figure S3: Forced expiratory ratio with age by smoking status

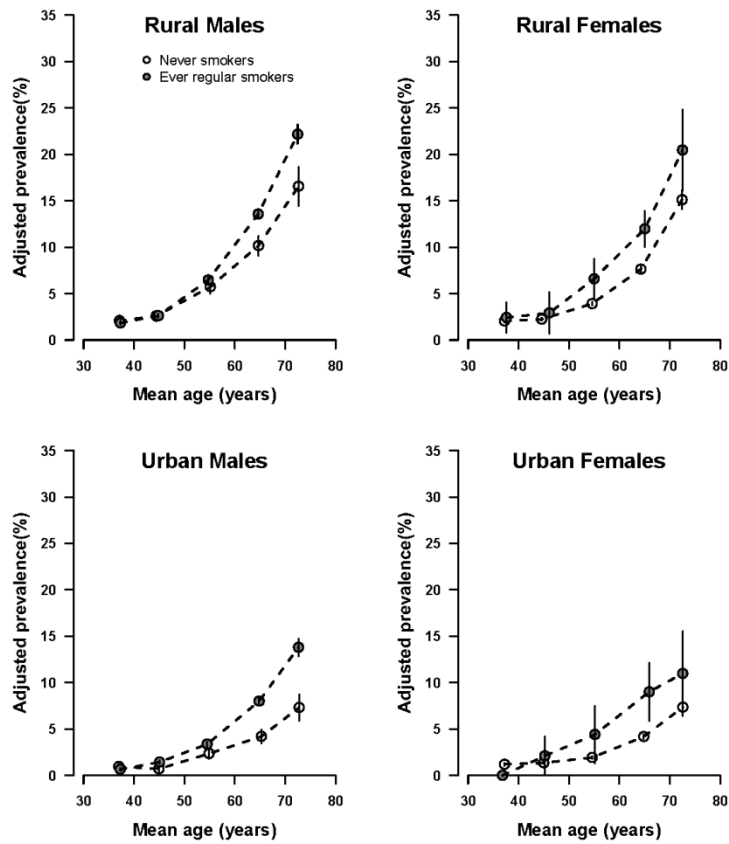
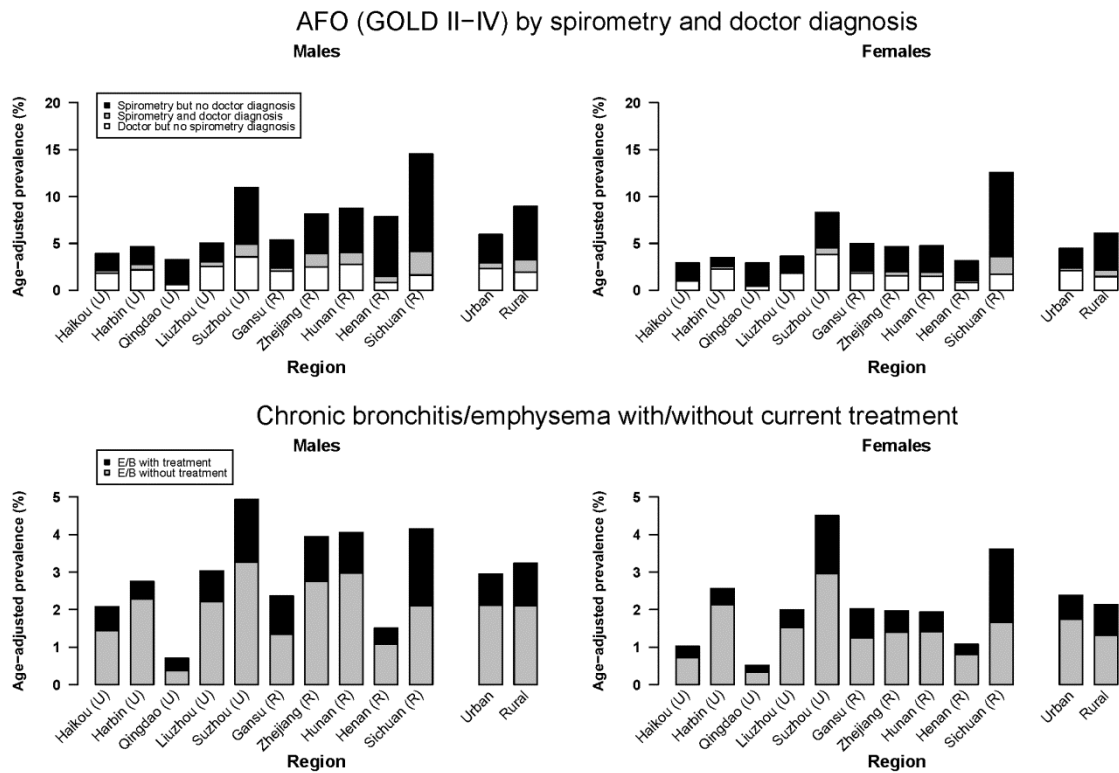
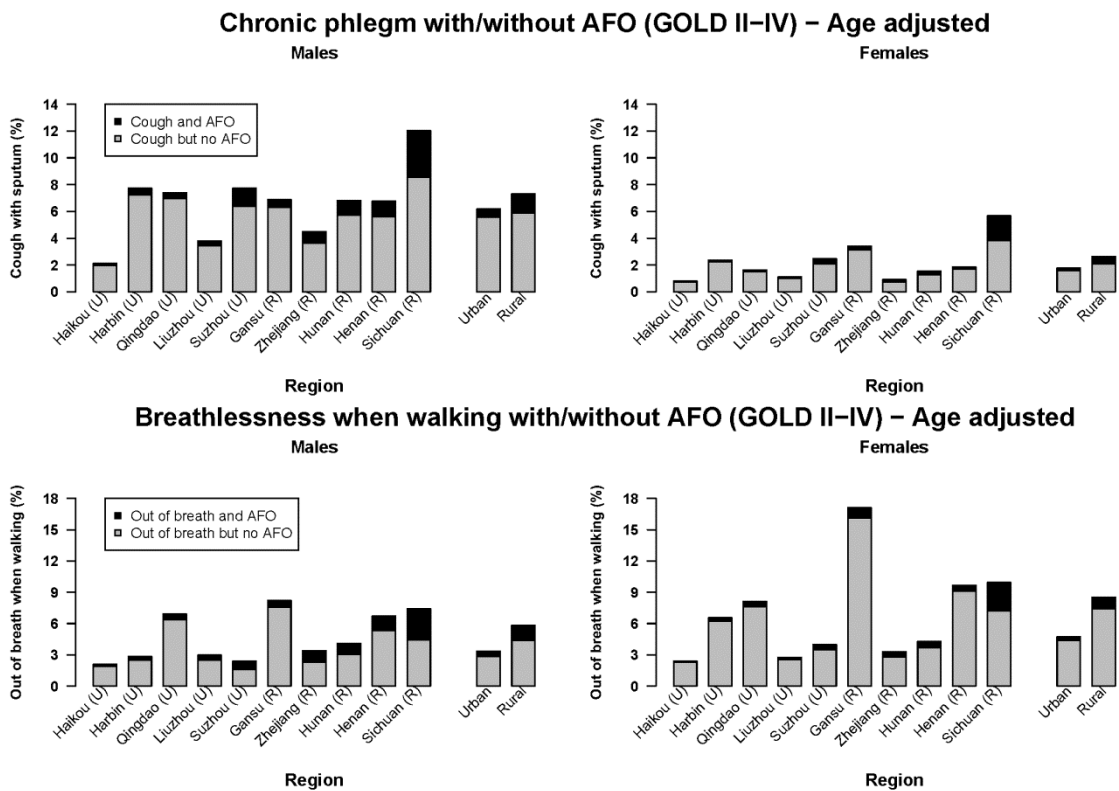


Figure S4: Region-adjusted prevalence of AFO (GOLD II-IV)



**Figure S5:** Proportion of participants with different diagnosis and those with under treatment



**Figure S6:** Proportion of participants with presence of respiratory symptoms and air flow obstruction