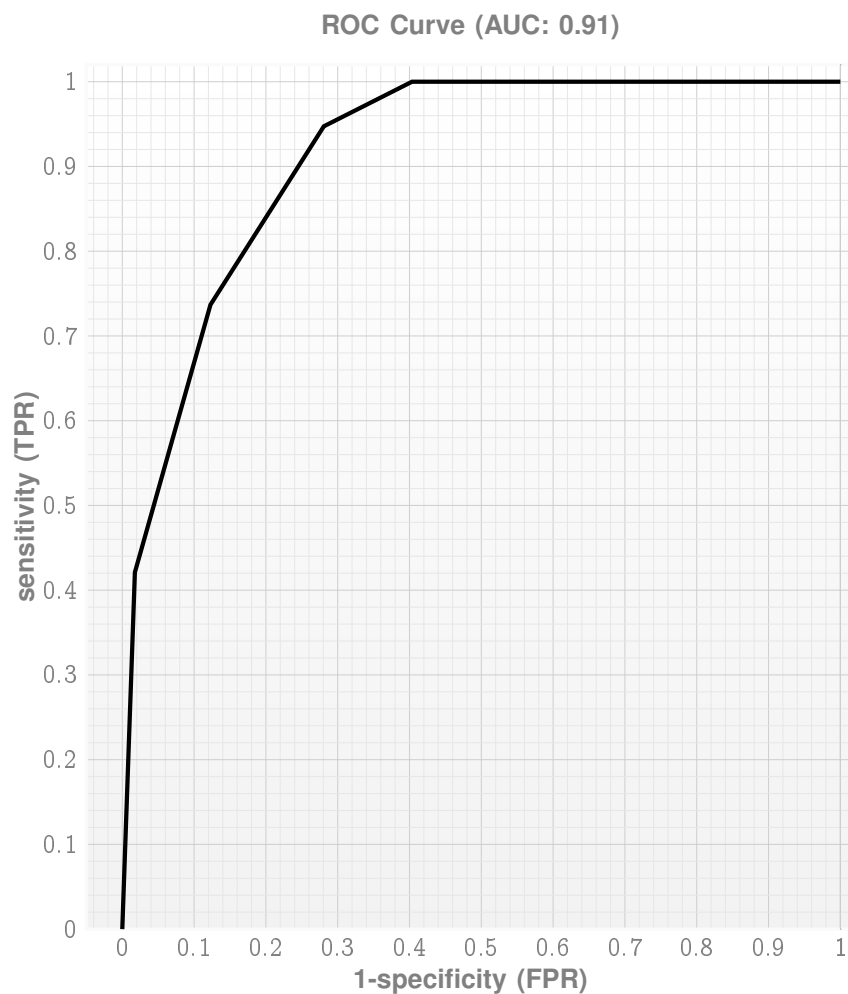


**Figure 1. Receiver Operating Characteristic curve for the CAD-PTSD\***



**Fig. 1: Descriptive statistics of database.** Panel a,b shows where our patients originate from. Panel c illustrates the distribution of patient diagnostic ages, showing that risk starts increasing from around 60 years, which match with known ADRD onset age characteristics<sup>?</sup>. Also, panel b illustrates that the empirical risk per patient is higher for males in the Truven dataset, although there are more females with ADRD in total (See Table ??), and more female patients in general in the database in the relevant age groups. The age-stratified prevalences in the Truven dataset match well with prevalence numbers reported for the US in 2020<sup>?</sup>.