**Figure S1**: Flow diagram for study overall and for prostate cancer risk profile outcome models (prostate-specific antigen (PSA) risk category, Gleason score risk category, stage risk category, and National Comprehensive Cancer Network (NCCN) risk category)

25,886 Black men and 160,897 non-Hispanic White (NHW) men in California diagnosed with first primary invasive PCa, 2004 to 2017

17,046 (10.0%) missing PSA

9,796 (5.8%) missing GS

5,103 (3.0%) missing stage

16,736 (9.8%) missing NCCN risk

23,555 Black men and 146,889 NHW men **included in study**

21,643 Black men and 131,755 NHW men included in PSA risk category models

22,255 Black men and 138,393 NHW men included in GS risk category models

22,854 Black men and 142,487 NHW men included in stage risk category models

21,658 Black men and 132,050 NHW men included in NCCN risk category models

216 Black men and 1,548 NHW men with autopsy or death certificate only (<1%)

746 Black men and 4,258 NHW men not microscopically confirmed (2.7%)

93 Black men and 198 NHW men missing neighborhood socioeconomic status (nSES) (<1%)

1,276 Black men and 8,004 NHW men with low census tract certainty (5.0%)