

Figure S2. Effect of surrogate variable inclusion on significance testing. Quantile-quantile plots of the P -values resulting from differential expression analyses with and without SVA. The solid dots represent P -value quantiles and the dashed line is the line of equality. Curves above the diagonal imply larger P -values without SVA, and hence a gain in power from the analysis that include surrogate variables. (A) Urban vs. Rural vs. Nomadic. (B) Urban vs. Rural. (C) Urban vs. Nomadic. (D) Nomadic vs. Rural.

