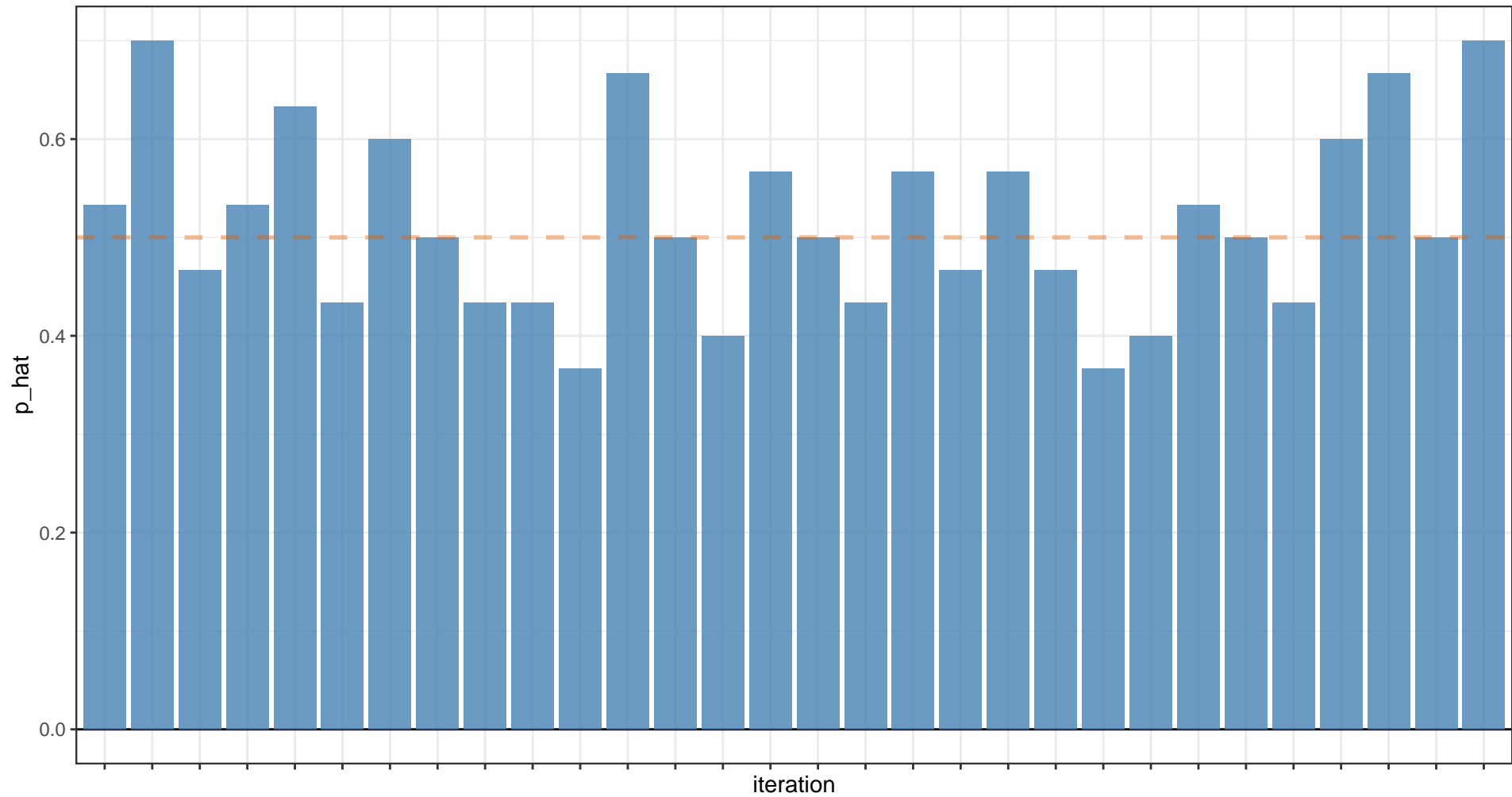


Observed Distribution in Sample vs Population Distribution

p_{hat} approximates $p = 0.5$



Orange line indicates "true" population proportion for x.