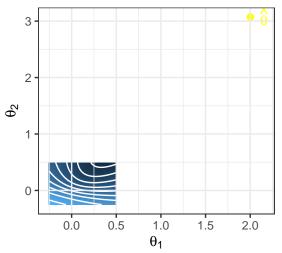
Unregularized R_{emp}



log(r_emp)