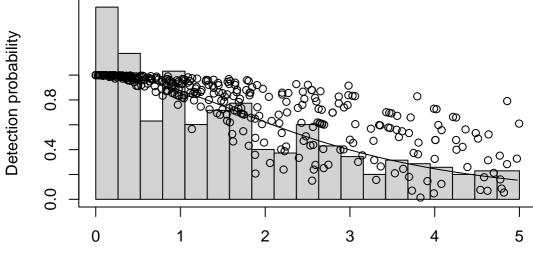~1 + ship + bft + species