



A quasi-SUN process for nonparametric binary regression

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Conjugate families have been recently introduced in a Bayesian analysis of probit and logit models. Even more recently, some of these results have been extended - in the probit case - to the case of a nonparametric predictor. In this paper, we extend the conjugacy property to the case of a nonparametric predictor of a logit model. We introduce a new class of distributions, named *Quasi* SUN family (qSUN, hereafter), which generalises the SUN class.