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People	 Semiparametric Selection Models with Binary Outcomes by Roger Klein, Chan Shen, Francis Vella (October 2011) Abstract: This paper addresses the estimation of a semiparametric sample selection index model where both the selection rule and a outcome variable are binary. Since the marginal effects are often of primary interest and are difficult to recover in a semiparametric setting, we develop estimators for both the marginal effects and the underlying model parameters. The mar effect estimator only uses observations which are members of a high probability set in which the selection problem is not present. A key innovation is that this high probability set is data dependent. The model parameter estimator is a quasi- likelihood estimator based on regular kernels with bias corrections. We establish their large sample properties and provide simulation evidence confirming that these estimators perform well in finite samples. 					
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