group1

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```
##
## Attaching package: 'xtable'
## The following object is masked from 'package:arm':
##
## display
```

	Estimate	Std. Error	z value	$\Pr(> z)$
(Intercept)	0.8845	0.3045	2.90	0.0037
treattraining	-0.1295	0.4014	-0.32	0.7470
agec	-0.0507	0.0116	-4.39	0.0000
educc	-0.0862	0.0570	-1.51	0.1303
blackblack	-0.6249	0.2545	-2.45	0.0141
re74c	0.0001	0.0000	2.79	0.0053
zerozero	-0.3920	0.3010	-1.30	0.1928
newed9 or more	0.8735	0.3643	2.40	0.0165
treattraining:agec	0.0685	0.0274	2.50	0.0123
treattraining:zerozero	0.9543	0.4677	2.04	0.0413

Table 1: Final Regression Model

$$\label{eq:condition} \begin{split} & \operatorname{final_model} < -\operatorname{glm}(\operatorname{positive} \sim \operatorname{treat} + \operatorname{agec} + \operatorname{educc} + \operatorname{black} + \operatorname{re74c} + \operatorname{zero} + \operatorname{newed} + \operatorname{treat} \operatorname{agec} + \operatorname{treatzero}, \\ & \operatorname{family} = \text{``binomial''}, \operatorname{data} = \operatorname{jobsl}) \end{split}$$

```
y_i|x_i \sim Bernoulli(\pi_i)\log(\frac{\pi_i}{1-\pi_i}) = x_i\beta,
```

Setting direction: controls < cases

where y_i is positive. x_i includes the predictors variables: treat, agec, educc, black, re74c, zero and newed, and the interactions treat*agec and treat*zero. β is a vector representing the predictor coefficients.

where y_i is positive. β is a vector representing the predictor coefficients.

```
invisible(roc(jobsl$positive,fitted(no_hisp),plot=T,legacy.axes=T, print.thres = 'best', col="red3"))
## Setting levels: control = 0, case = 1
## Setting direction: controls < cases
invisible(roc(jobsl$positive,fitted(bic_step),plot=T,legacy.axes=T, col="blue3",add=T))
## Setting levels: control = 0, case = 1</pre>
```

