$$Estimated\ Log(y_i) = \alpha + \alpha_{j[i]}^{NAICS3} + \alpha_{k[i]}^{NAICS6} + \alpha_{l[i]}^{Agency} + \alpha_{m[i]}^{Office} +$$

$$\beta_1 cl\_def3\_HHI\_lag1_i + \beta_2 cl\_def6\_HHI\_lag1_i + (\beta_3 1Offr + \beta_4 2Offr +$$

$$\beta_5 3\text{--}4Offr_i + \beta_6 5plusOffr_i) + \beta_7 cl\_def3\_ratio\_lag1_i + \beta_8 cl\_def6\_obl\_lag1_i +$$

$$\beta_9 cl\_def6\_ratio\_lag1_i + \beta_{10} cl\_US6\_avg\_sal\_lag1_i + \beta_{11} cl\_Ceil\_Then\_Year_i +$$

$$\beta_{12} cl\_Days_i + (\beta_{13} SIDC_i + \beta_{14} MIDV_i + \beta_{15} FSS\text{--}GWAC_i + \beta_{16} BPA\text{--}BOA_i) +$$

$$(\beta_{17} Other\_FP_i + \beta_{18} Incentive_i + \beta_{19} Comb\text{--}Other_i + \beta_{20} Other\_CB_i +$$

$$\beta_{21} TM\text{--}LH\text{--}FPLOE_i) + \beta_{22} b\_UCA_i + \beta_{23} b\_Intl_i +$$

$$\beta_{24} cl\_def6\_HHI\_lag1_i \cdot b\_UCA_i + (\beta_{25} 1Offr_i \cdot b\_UCA_i + \beta_{26} 2Offr_i \cdot b\_UCA_i +$$

$$\beta_{27} 3\text{--}4Offr_i \cdot b\_UCA_i + \beta_{28} 5plusOffr_i \cdot b\_UCA_i) +$$

$$(\beta_{29} cl\_US6\_avg\_sal\_lag1_i \cdot Other\_FP_i + \beta_{30} cl\_US6\_avg\_sal\_lag1_i \cdot Incentive_i +$$

$$\beta_{31} cl\_US6\_avg\_sal\_lag1_i \cdot Comb\text{--}Other_i + \beta_{32} cl\_US6\_avg\_sal\_lag1_i \cdot Other\_CB_i +$$

$$\beta_{33} cl\_US6\_avg\_sal\_lag1_i \cdot TM\text{--}LH\text{--}FPLOE_i) + \varepsilon_i, \quad for\ i = 1\ to\ 83,706$$

$$a_j^{NAICS3} \sim N(\mu_\alpha, \sigma_\alpha^2), \quad for\ j = 1\ to\ 80$$

$$a_k^{NAICS6:NAICS3} \sim N(\mu_\alpha, \sigma_\alpha^2), \quad for\ k = 1\ to\ 813$$

$$a_l^{Agency} \sim N(\mu_\alpha, \sigma_\alpha^2), \quad for\ l = 1\ to\ 24$$

$$a_m^{Office:Agency} \sim N(\mu_\alpha, \sigma_\alpha^2), \quad for\ m = 1\ to\ 880$$