

Block  $\{i\}$ ,

$$dS_{i_{-}} = \mathbb{E}[\beta_i b_1 + \alpha_i a_2, \eta_i y_1 + \xi_i x_2, \mathbf{1}] \sim B_{1,2} \sim (bS_{i_1} aS_{i_2}) \sim$$

$$B_{1,2} \sim dm_{2,1 \rightarrow i}]$$