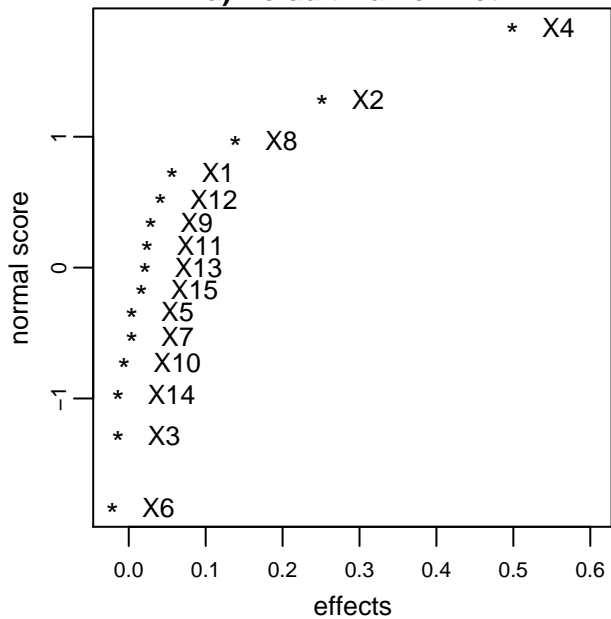
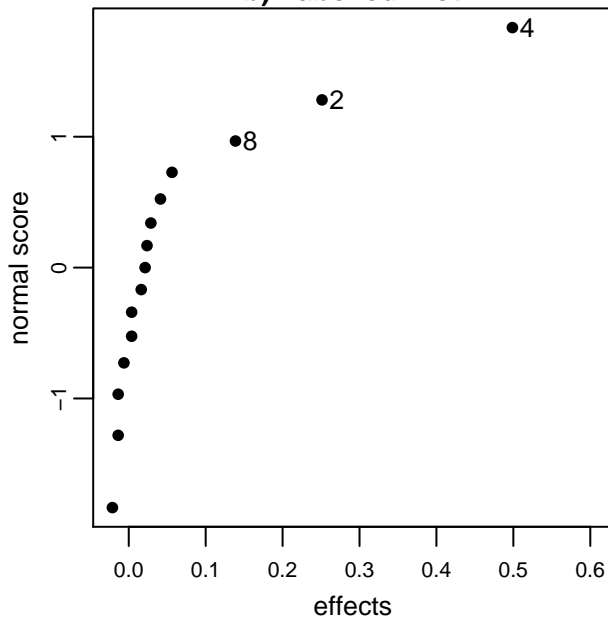


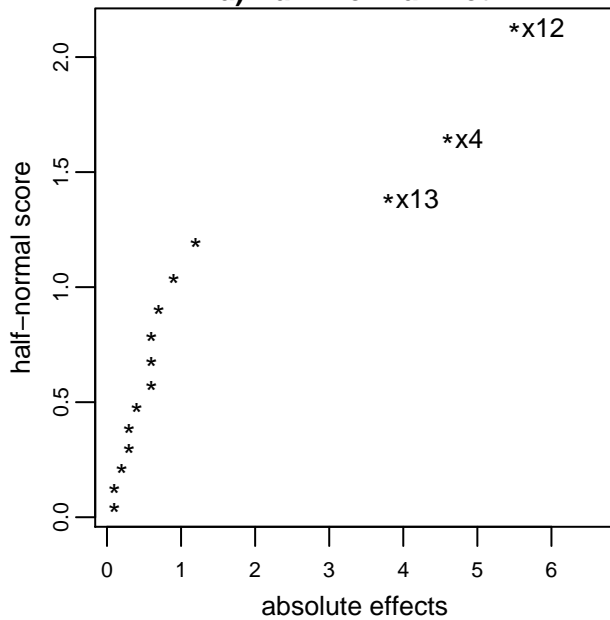
**a) Default Daniel Plot**



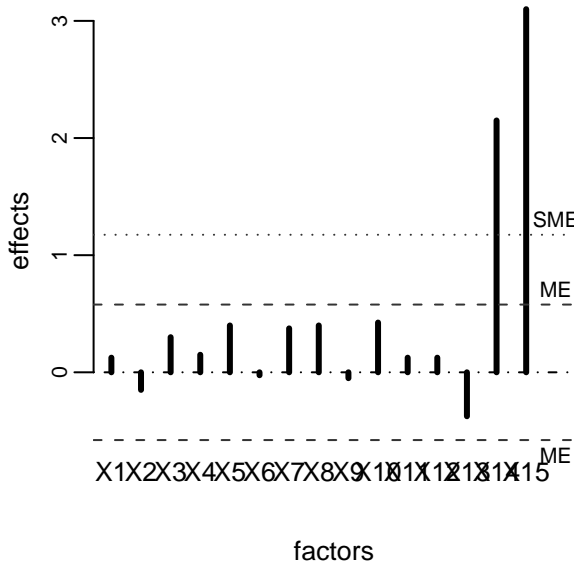
**b) Labelled Plot**



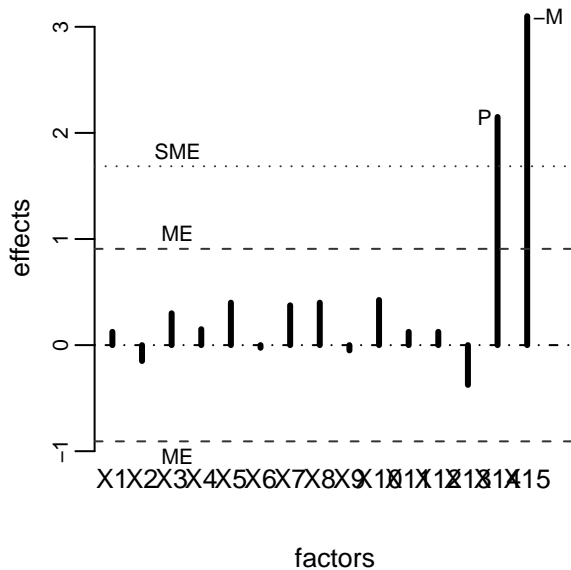
**a) Half-Normal Plot**

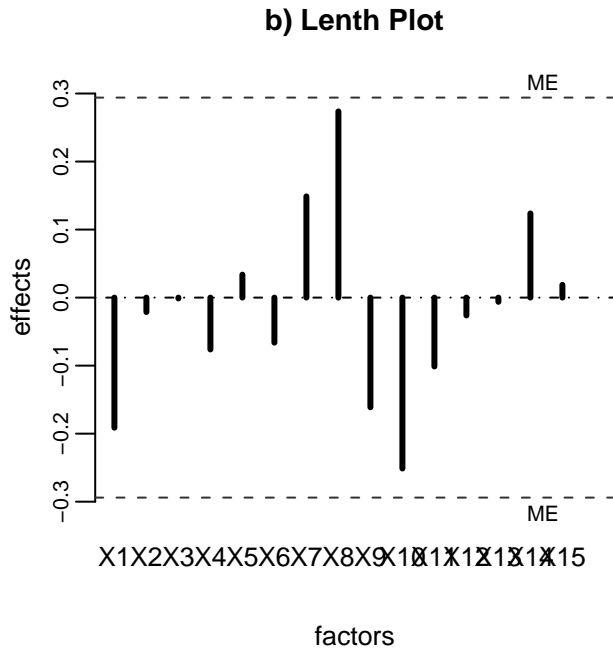
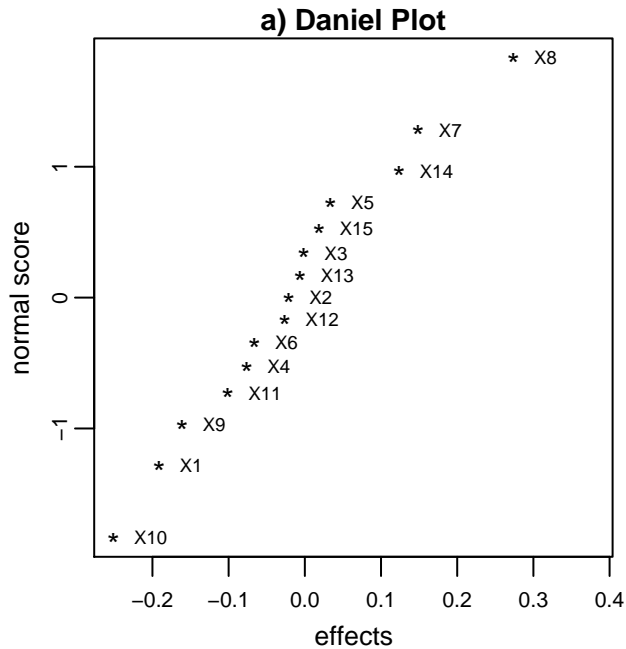


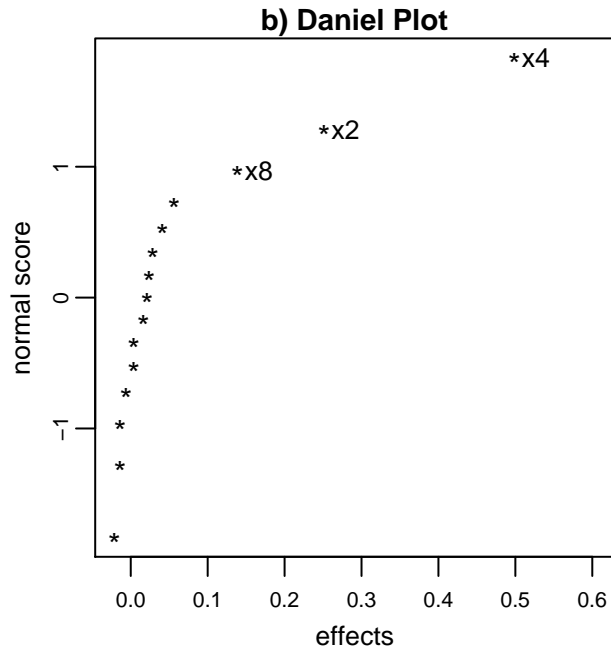
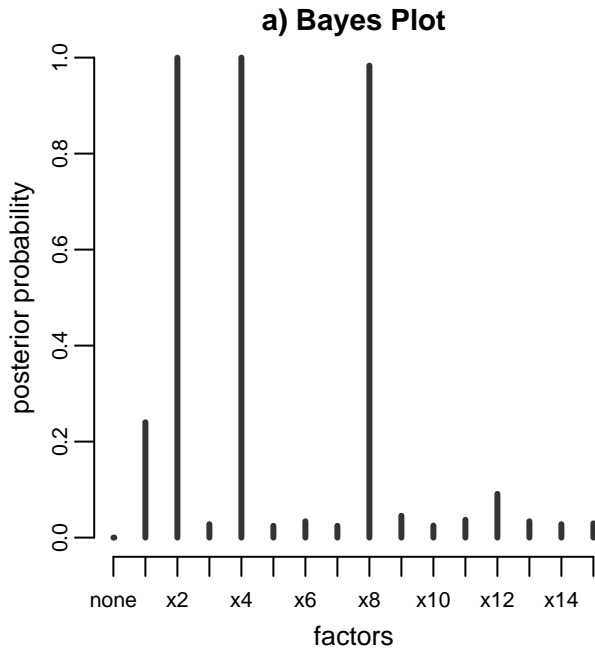
**a) Default Lenth Plot**

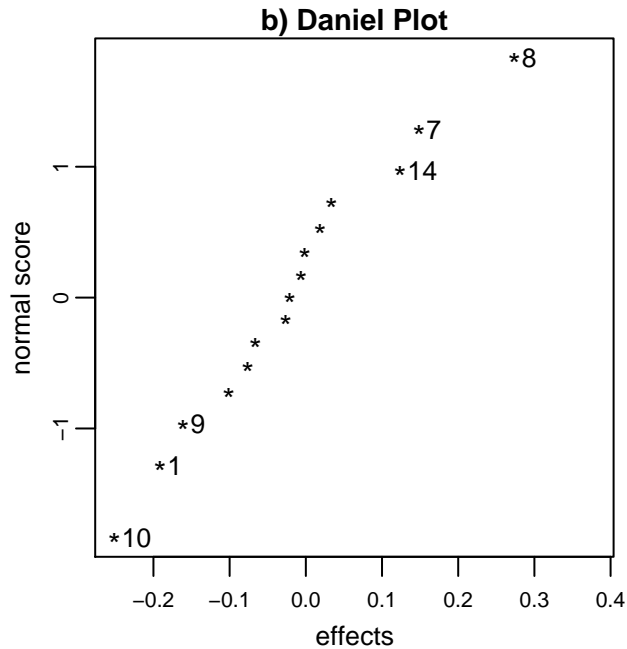
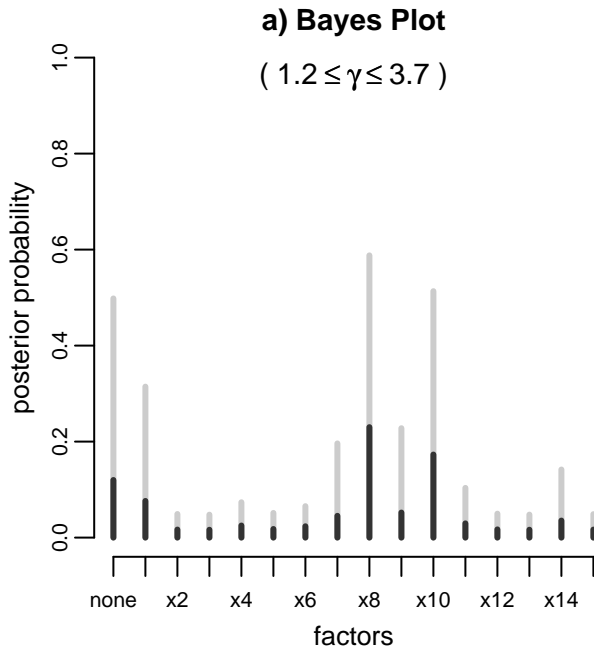


**b) Lenth Plot ( $\alpha = 0.01$ )**

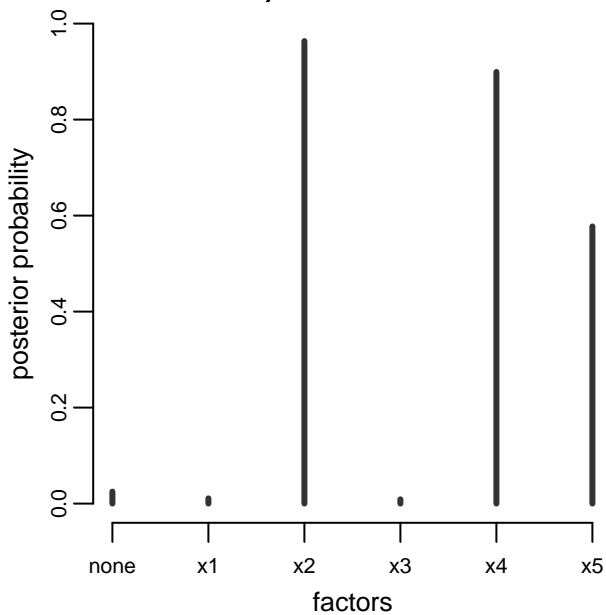




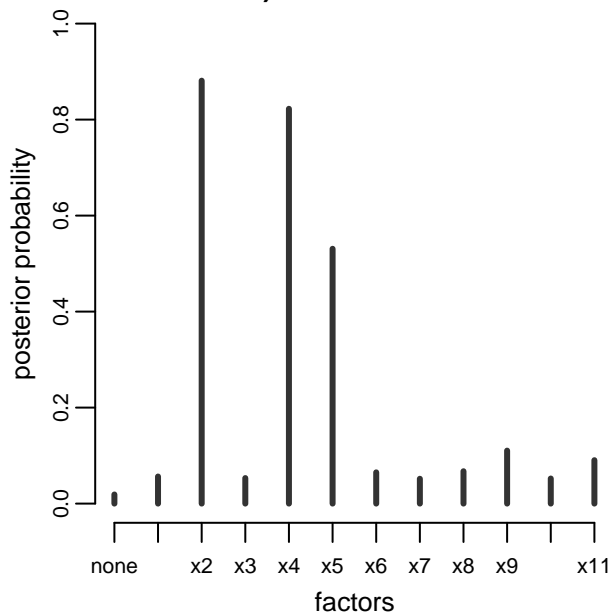


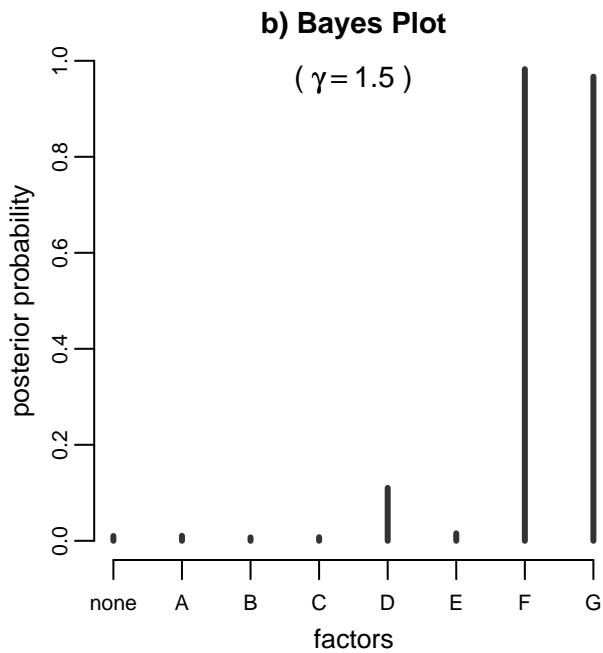
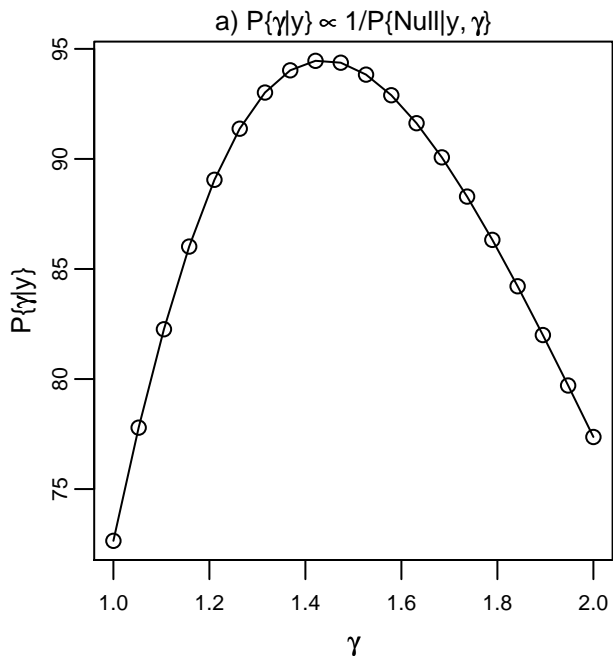


**a) Main Effects**



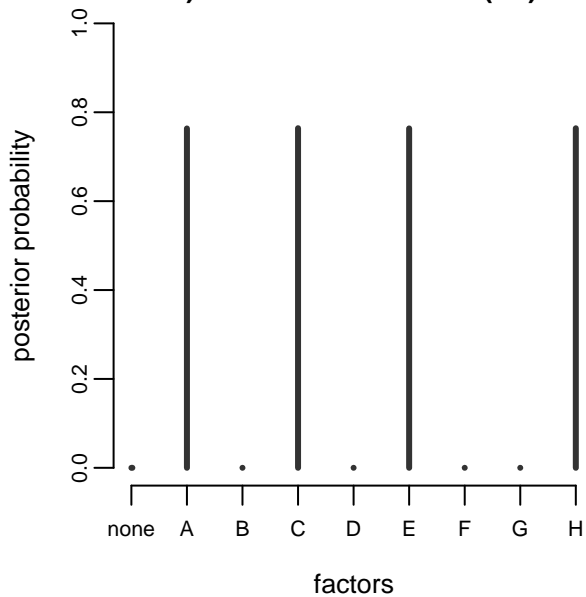
**b) All Contrasts**



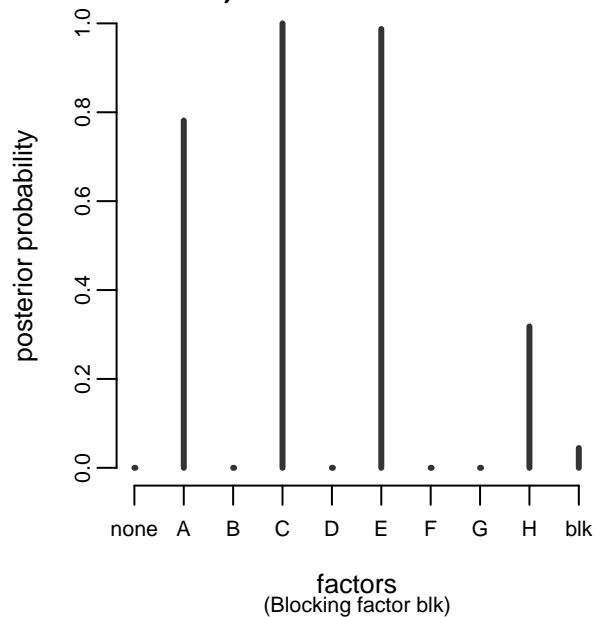




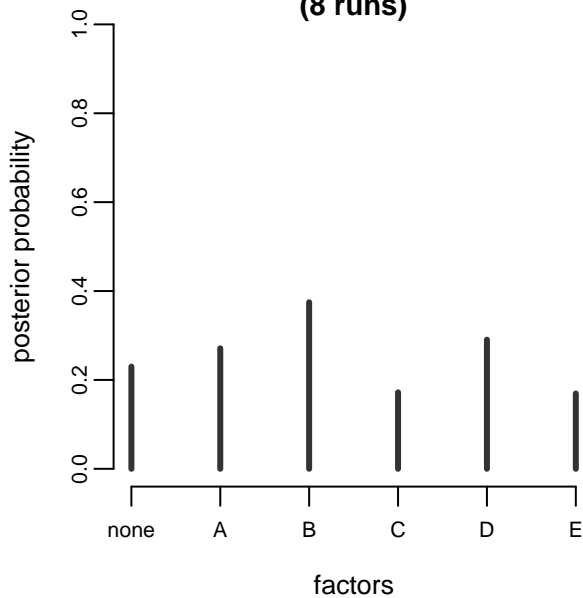
**a) Fractional Factorial (FF)**



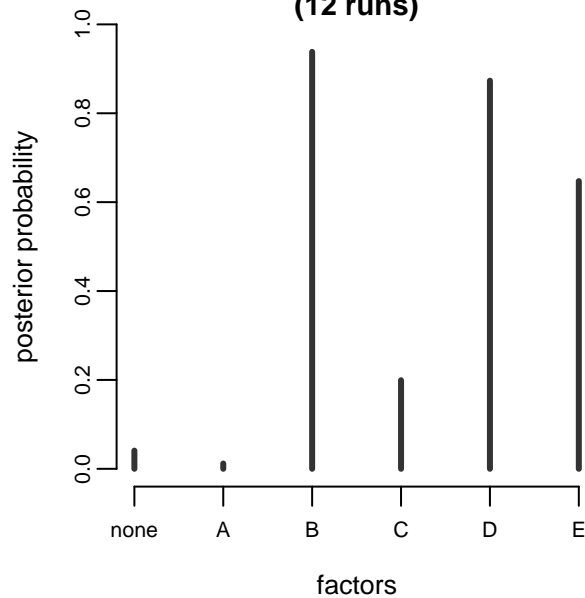
**b) FF with Extra Runs**



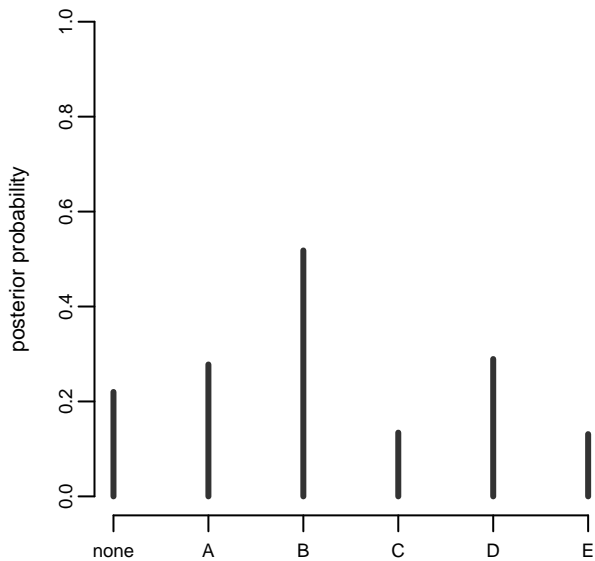
**a) Initial Design  
(8 runs)**



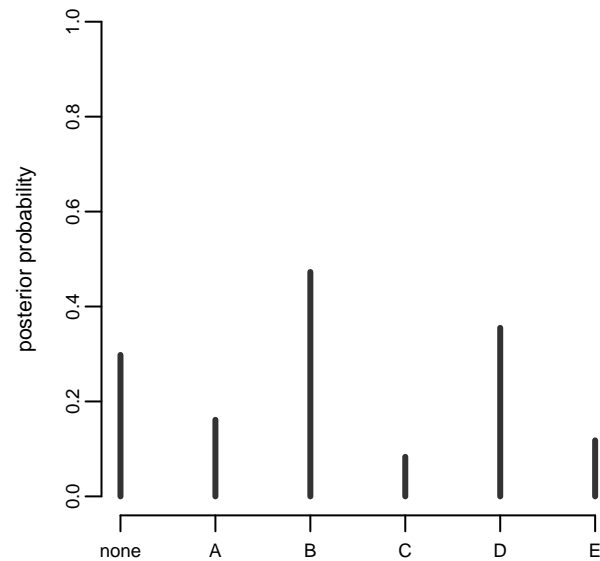
**b) Complete Design  
(12 runs)**



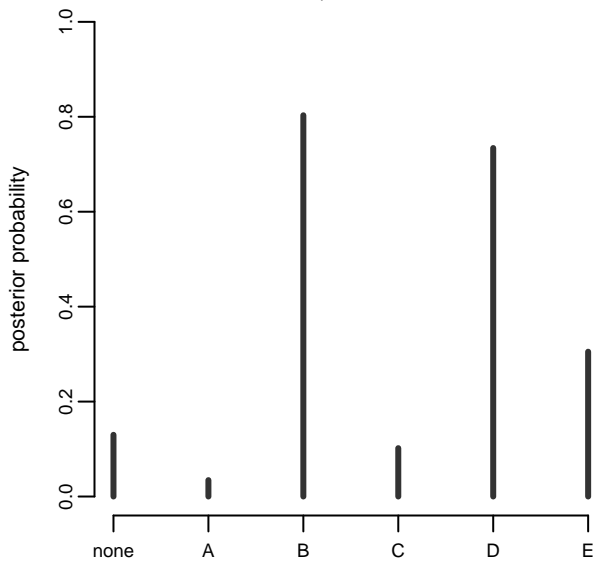
# One-at-a-time Experiments



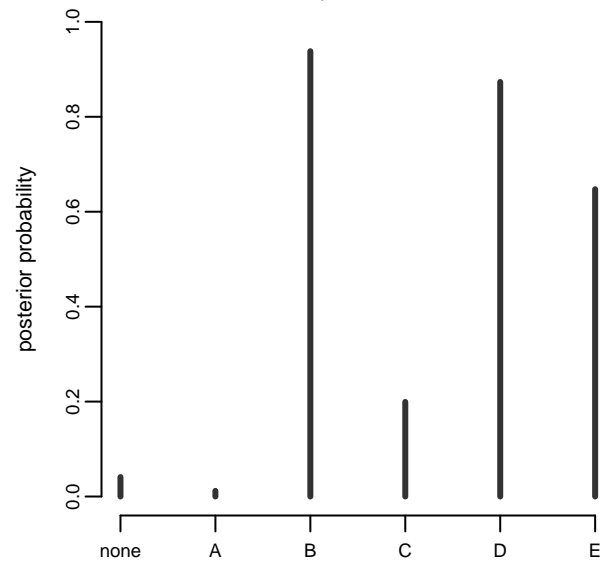
b) 9 runs



c) 10 runs



d) 11 runs



e) 12 runs