

Quiz 1

Advanced Linear Models (PHST 780)
Department of Biostatistics and Bioinformatics

27th September, 2018

Name:

Notations

$$\underline{\mathbf{1}}_k = \begin{bmatrix} 1 \\ 1 \\ \vdots \\ 1 \end{bmatrix}_{k \times 1}, J_k = \begin{bmatrix} 1 & 1 & \cdots & 1 \\ 1 & 1 & \cdots & 1 \\ \vdots & \vdots & \ddots & \vdots \\ 1 & 1 & \cdots & 1 \end{bmatrix}_{k \times k} \text{ and } I_k = \begin{bmatrix} 1 & 0 & \cdots & 0 \\ 0 & 1 & \cdots & 0 \\ \vdots & \vdots & \ddots & \vdots \\ 0 & 0 & \cdots & 1 \end{bmatrix}_{k \times k} \text{ for } k \in \mathbb{Z}_+.$$

1₁₂

Score:
Total Score: 5

Ans:

1.