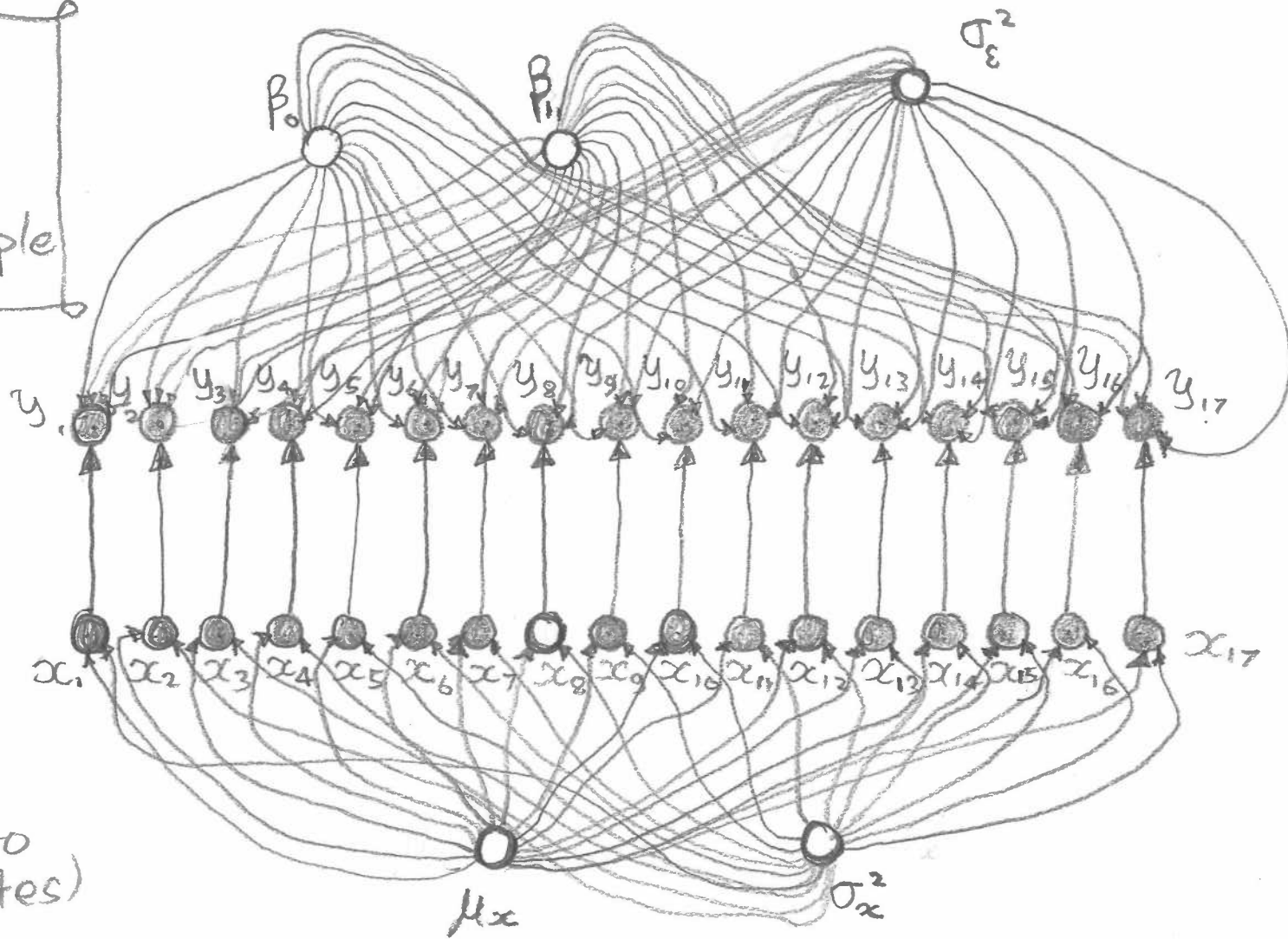


37457
 CLASS 6
 2nd hour example



x = home to UTS
 distance
 (kilometres)

y = travel time
 from home to
 UTS (minutes)

$$y_i | x_i, \beta_0, \beta_1, \sigma_\epsilon^2 \stackrel{\text{ind.}}{\sim} N(\beta_0 + \beta_1 x_i, \sigma_\epsilon^2)$$

$$x_i | \mu_x, \sigma_x^2 \stackrel{\text{ind.}}{\sim} N(\mu_x, \sigma_x^2)$$

i	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
name	Ed	Franklin	Houden	Hayang	Huan-Song	Juntao	Manuel	Matt	Mohit	Nicholas	Murul	Saleem	Summer	Travis	Tu	Xiao-hong	Ziong