

### Interpreting some values in journal articles

- a) The estimated standard deviation of the sampling distribution for gestation period of male Asian elephants is 5.8 days.
- b) The null hypothesis is  $H_0: \mu_{\text{air exposed}} = \mu_{\text{control}}$ . The p-value shows strong evidence against the hypothesis that control fish and air exposed fish averagely produce the same amount of lactate.
- c) We can be 95% confident that during the May to July the proportion of Racoons that have salmonella in their faeces lies between 20.7 and 31.8.
- d) There is no statistically significant evidence that salmonella occurs on raccoon paws or in raccoon faeces during the months of August to October.