

## Errata and Updates for ASM Exam C/4 Flashcards Sorted by Date

- [6/21/2011] On card 21B,  $\mu_n$  should be  $\mu'_n$ .
- [3/1/2011] On card 30B,  $\gamma - 1$  should be  $\gamma + 1$ .
- [2/27/2011] Card 287B is incorrect, and should be “Beta with  $a_* = a + nr$ ,  $b_* = b + n\bar{x}$ ,  $\theta = 1$ ”.
- [2/16/2011] On card 64B, the second expression should have an indication that it applies in the range  $d \leq \theta$ .
- [2/16/2011] On card 292B, change the parameters from  $(\alpha, \beta)$  to  $(\alpha + n, \beta + n\bar{x})$ .
- [2/10/2011] On card 181B, the denominator should be  $1 - F(d)$  instead of  $F(d)$ .
- [2/8/2011] On card 278B, change  $\alpha + \bar{x}$  to  $\alpha + n\bar{x}$ .
- [2/8/2011] On card 279B, change  $\alpha + \bar{x}$  to  $\alpha + n\bar{x}$ .
- [11/7/2010] On card 19B, on the second line, change  $\sum_i \Pr(B_i) = 1$  to  $\Pr(\cup_i B_i) = 1$ .
- [10/27/2010] On card 185B, there should be a single parenthesis around the expression in the sum of the denominator. In other words, the formula should be

$$\hat{\theta} = \frac{n}{\sum_{i=1}^{n+c} (1/x_i - 1/d_i)}$$

- [10/25/2010] On card 166B, replace the formulas with

$$\hat{\alpha} = \frac{m^2}{t - m^2}$$

$$\hat{\theta} = \frac{t - m^2}{m}$$

- [10/25/2010] On card 186B, put a hat on  $\theta$ ;  $\hat{\theta}$ .
- [10/25/2010] On card 189B, move the left parenthesis in the numerator after the product sign.
- [10/25/2010] On card 264B, the formula needs to be multiplied by  $\mu_s$ :

$$n_0 \left( \frac{\sigma_f^2}{\mu_f} + \frac{\sigma_s^2}{\mu_s^2} \right) \mu_s$$

- [10/19/2010] On card 312B, reverse the answers;  $\text{Var}(X_i) = v + a$  and  $\text{Cov}(X_i, X_j) = a$ .
- [8/18/2010] On card 191B, the left parenthesis in the numerator of the formula for  $K$  should be moved to after the product sign:

$$K = \ln \frac{\prod_{i=1}^{n+c} (\theta + d_i)}{\prod_{i=1}^{n+c} (\theta + x_i)}$$

- [8/12/2010] On card 326B, replace “unbiased sample standard deviation” with “square root of the unbiased sample variance”.
- [5/29/2010] On card 119B, delete the reference to formula (19.1.3).
- [5/18/2010] On card 222B, change the first “truncated” to “censored”.