

## Errata and Updates for ASM Exam MLC Flashcards Sorted by Page

[10/24/2011] On card 8B,  $T(x) \leq x$  should be  $T(x) \leq t$ .

[10/24/2011] On card 9B,  $T(x) > x$  should be  $T(x) > t$ .

[5/13/2011] On card 26E, delete “(t)”.

[5/13/2011] On card 47B, drop the two  $\bar{n}$ 's to make the formula:

$$\dot{e}_x = e_x + 0.5$$

[1/30/2012] On card 56B, change the denominator from  $x$  to  $\mu$ .

[1/21/2012] On card 84B, the denominator should be  $1 - (1 - s)q_x$  instead of  $1 - sq_x$ .

[1/25/2012] On card 125F and 125B, change the first symbol on each side  $\bar{A}_x$  to  ${}_n\bar{A}_x$ .

[11/1/2011] On card 130B, change  $a$  to  $\delta$ .

[6/14/2010] On card 130B, change the  $a$  in the denominator to  $\delta$ .

[10/8/2010] On cards 134F and 134B, change  $\text{Var}(Z_x)$  to  $\text{E}[Z_x^2]$ .

[10/22/2011] On card 165B, change  $A_{x:\bar{n}-1}$  to  $A_{x+1:\bar{n}-1}$ .

[1/30/2012] On card 166B,  $A_{x:\bar{n}-1}^1$  should be  $A_{x+1:\bar{n}-1}^1$ .

[5/13/2011] On card 206F, change  $a_{x:\bar{n}}$  to  $\ddot{a}_{x:\bar{n}}$ .

[2/4/2011] On card 235B, add a colon to the first subscript:  $\ddot{Y}_{x:\bar{n}}$ .

[11/4/2010] On card 237B, the formula is missing an  ${}^2\ddot{a}_{x:\bar{n}}$  and should read

$$\text{Var}(\ddot{Y}_{x:\bar{n}}) = \frac{2(\ddot{a}_{x:\bar{n}} - {}^2\ddot{a}_{x:\bar{n}})}{d} + {}^2\ddot{a}_{x:\bar{n}} - \ddot{a}_{x:\bar{n}}^2$$

[10/22/2011] On card 255B, remove the double-dot from  $a_{x+1:\bar{n}-1}$ .

[10/22/2011] On cards 257F, 258F, and 259F, change the final post-subscript from  $x$  to  $x + 1$ .

[10/25/2010] On card 289B, remove  $:\bar{n}$  from the first subscript.

[5/13/2011] On card 329B, remove the bar on top of  $A$ .

[5/13/2011] On card 354B, put bars on the two  $A$ 's:  ${}^2\bar{A}_{x+t} - \bar{A}_{x+t}^2$ .

[5/13/2011] On card 355B, put bars on the two  $A$ 's:  ${}^2\bar{A}_{x+t:\bar{n}-t} - (\bar{A}_{x+t:\bar{n}-t})$ .

[5/13/2011] On card 357B, move the bar on the left parenthesis to the  $A$  on its right.

[5/13/2011] On card 359B, remove the bar on the first  $A$  in the numerator.

[11/2/2010] On card 366B, add  $b$  to the formula:

$${}_kV = (\pi - bvq)\ddot{s}_{\overline{k}|}$$

[10/21/2010] On card 376B, the formula is incorrect and should be

$$\Lambda_j = \begin{cases} -\pi_j + v_{j+1}V - {}_jV & j < K(x) \\ -\pi_j + vb_{j+1} - {}_jV & j = K(x) \\ 0 & j > K(x) \end{cases}$$

[5/13/2011] On card 393B, put a line over the subscript  $xy$ :

$${}_tq_{\overline{xy}} = F_{T(x), T(y)}(t, t)$$

[5/11/2011] On card 396B, change  ${}_tp_{xy}$  on the left hand side to  ${}_tp_{\overline{xy}}$ .

[5/11/2011] On card 397B, change  ${}_tp_{xy}$  on the left hand side to  ${}_tp_{\overline{xy}}$ .

[11/3/2011] On card 401B,  $\dot{e}_{xy}$  should be  $\dot{e}_{\overline{xy}}$ .

[5/13/2011] On card 451B, in step 3, change  ${}_tp_x^{(j)}$  to  ${}_tp_x^{\prime(j)}$ .

[10/8/2010] On card 506F, change  $\Pr(N = n)$  to  $\Pr(N = k)$ .