

This is the first set of corrections for *Probability and Statistical Inference*, sixth edition by Robert V. Hogg and Elliot A. Tanis, ISBN 0-13-027294-9.

- Page 167, line 5, in the expression for $F(x)$, 40 should be replaced with 20. Currently it is

$$F(x) = \int_{-\infty}^x f(t) dt = \int_0^x \frac{1}{20} e^{-t/40} dt$$

This **should be**

$$F(x) = \int_{-\infty}^x f(t) dt = \int_0^x \frac{1}{20} e^{-t/20} dt$$

- Page 677, 2.1.1 **should be** 2.1-1
- Page 678, the answer for Exercise 2.3-9 $1/3$. **should be** $2.3-9$ $1/5$.
- Page 679, the first answer, 3.1.3 **should be** 3.1-3
- Page 679, the answer for 3.1-3 (e) $n(n+1)/12$. **should be** 3.1-3 (e) $n(n+1)/2$.