

Show all work for full credit, and use correct notation. Simplify answers completely.

You are given the following data: (Dashes indicate missing values.)

i	y_i	s_i	b_i	r_i
1	3	3	-	50
2	5	4	4	40
3	7	8	2	-
4	11	-	-	-
5	16	6	-	17
6	20	-	3	-

1. Compute the Kaplan-Meier estimate $S_{50}(8)$.
2. Compute the Nelson-Aalen estimate $\hat{H}(8)$.
3. Let A denote the approximate value of the standard deviation of the estimator for $S(8)$ using Greenwood's formula, and let B denote the approximate value of the standard deviation of the estimator for $S(8)$ using Klein's formula. Determine the value of $A - B$.

