

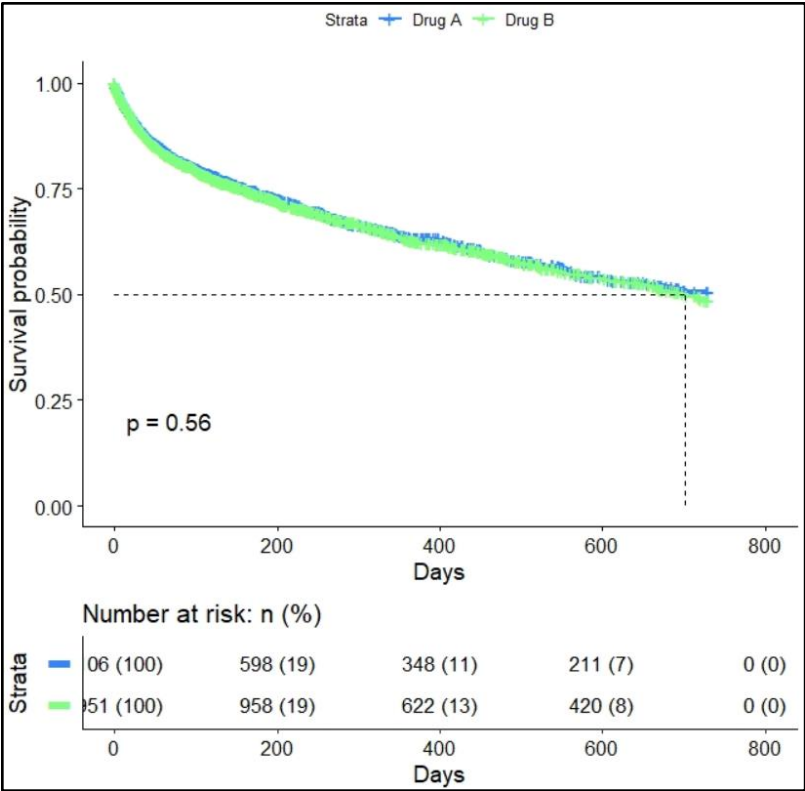
Holmusk Data Challenge

Survival Analysis

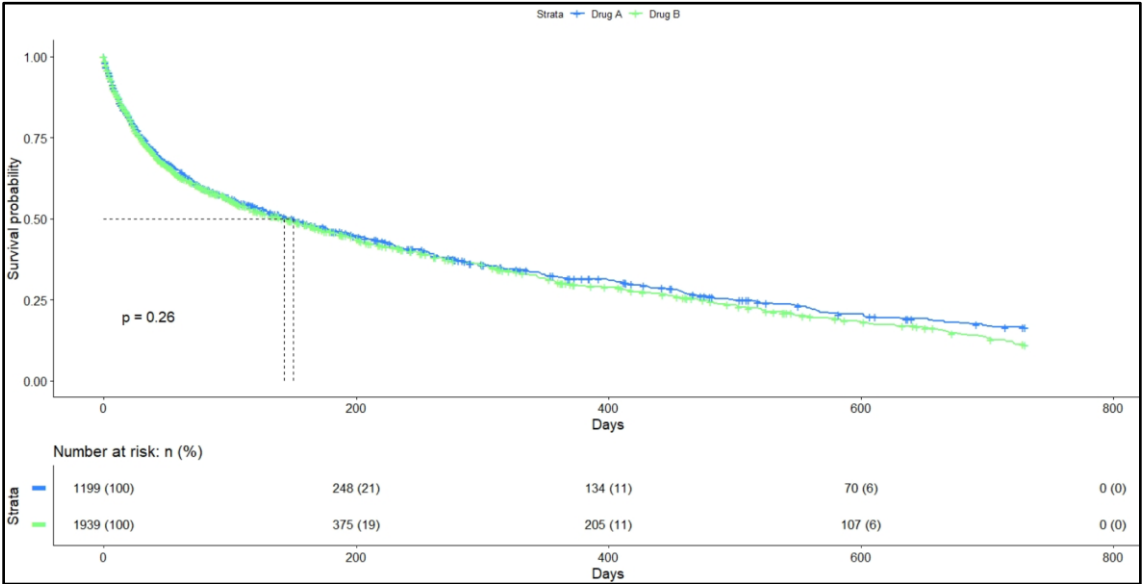
RESULTS

	Survival Analysis (SA)		Kaplan-Meier Method	Cox Method
UD	SA # 1 n = 8057	bleedingEvent 0 = 6488; 1 = 4569	There is no statistically significant difference between the two drugs	(+) sex; age/ageCat; other_drugs_1to8; diagnosis_1to15; lab_1; Diag_Score_1to2
		treatmentVariable: Drug_A = 3106; Drug_B = 4951		Statistically significant at 5%: None
BD	SA # 2 n = 3138	bleedingEvent 0 = 1569; 1 = 1569	There is no statistically significant difference between the two drugs	(+) sex; age/ageCat; other_drugs_1to8; diagnosis_1to15; lab_1; Diag_Score_1to2
		treatmentVariable Drug_A = 1199; Drug_B = 1939		Statistically significant at 5%: other_drugs_1
	SA # 3 n = 6212	treatmentVariable Drug_A = 3106; Drug_B = 3106	There is no statistically significant difference between the two drugs	(+) sex; age/ageCat; other_drugs_1to8; diagnosis_1to15; lab_1; Diag_Score_1to2
		bleedingEvent 0 = 3106; 1 = 3106		Statistically significant at 5%: other_drugs_3; other_drugs_8; diagnosis_4; diagnosis_6; diagnosis_8; diagnosis_13; diagnosis_14
	SA # 4 n = 6640	Sex 1 (M) = 3320; 2 (F) = 3320	There is no statistically significant difference between the two drugs	(+) sex; age/ageCat; other_drugs_1to8; diagnosis_1to15; lab_1; Diag_Score_1to2
		treatmentVariable Drug_A = 3320; Drug_B = 3320		Statistically significant at 5%: treatmentVariableDrug; other_drugs_3; other_drugs_5; other_drugs_8; diagnosis_3; diagnosis_4; diagnosis_9; diagnosis_14; Diag_Score_2
		bleedingEvent 0 = 3320; 1 = 3320		
	SA # 5 n = 7504	ageCat adult = 3752; senior = 3752	There is no statistically significant difference between the two drugs	(+) sex; age/ageCat; other_drugs_1to8; diagnosis_1to15; lab_1; Diag_Score_1to2
		Sex 1 (M) = 3752; 2 (F) = 3752		Statistically significant at 5%: treatmentVariableDrug; other_drugs_5; other_drugs_8; diagnosis_4
		treatmentVariable Drug_A = 3752; Drug_B = 3752		
		bleedingEvent 0 = 3752; 1 = 3752		
UD = Unbalanced data BD = Balanced data				

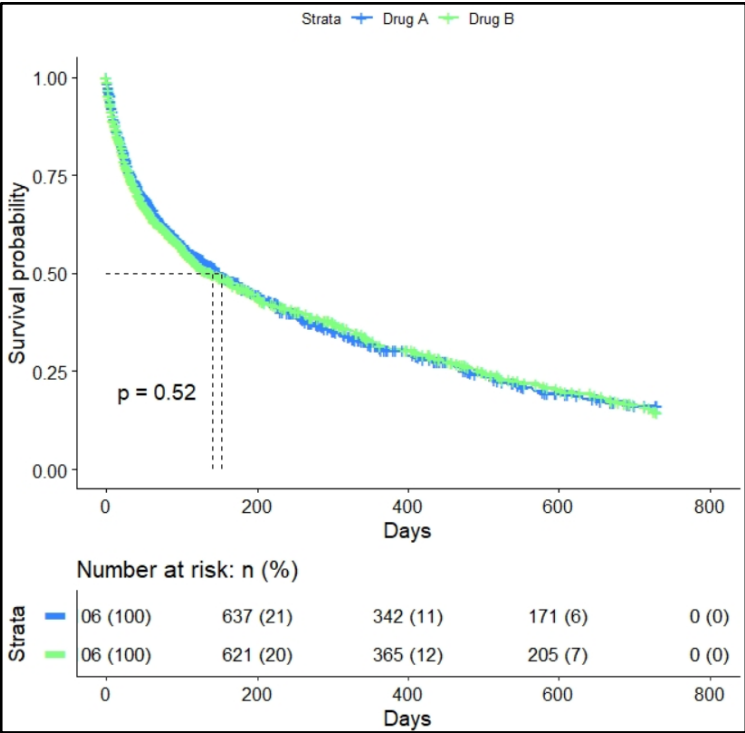
SA # 1 – Survival Curve



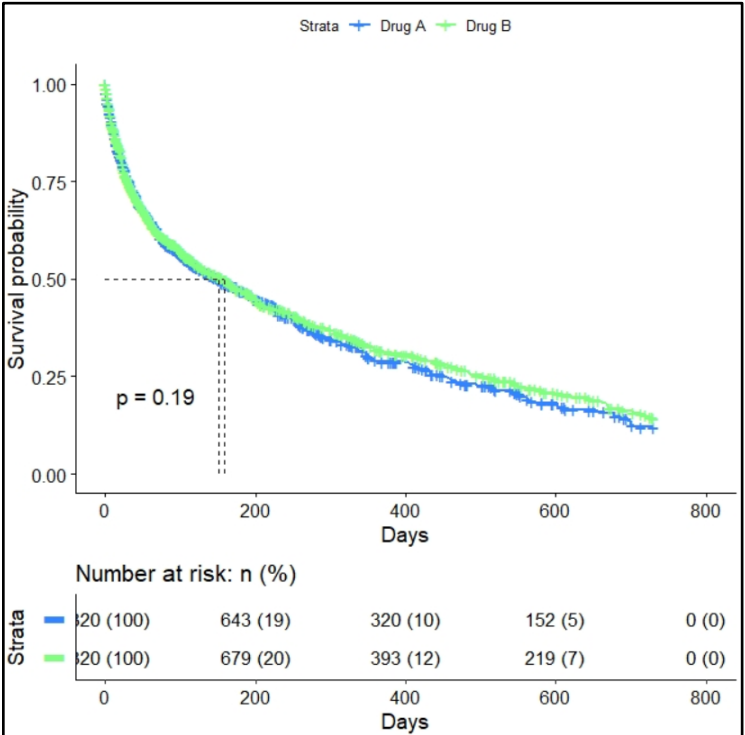
SA # 2 – Survival Curve



SA # 3 – Survival Curve



SA # 4 – Survival Curve



SA # 5 – Survival Curve

