Harrell's C-index

A measure of the consistency of risk scores and clinical event times with censorship.

Comparison categories

Permissible:		
С	Concordant	The patient with the worse outcome (e.g. earlier death) has the higher risk
Т	Tie	Either both patients had events at the same time and the risks are different, or events were at different times and the risks are the same.
-	Discordant	Neither concordant nor a tie
Not permissible		

Events: 0 = right censored, either loss-to-follow-up or end-of-study; 1 = positive event

TA, TB: time to event or censoring of patient A and B, respectively

RA, RB: risk for patient A and B, respectively

			Patient B						
		Event	0			1			
	Event		RA > RB	RA = RB	RA < RB	RA > RB	RA = RB	RA < RB	
Patient A		TA > TB				-	Т	С	
	0	TA = TB				-	Т	С	
		TA < TB							
		TA > TB				-	T	С	
	1	TA = TB	С	Т	-	Т	С	Т	
		TA < TB	С	Т	-	С	Т	-	