

Supplementary Table 2. Data structures for modeling, analysis for time-varying Cox regression

ID	Start time	End time	Time-varying RHR	Change in RHR	DM
A	0	Time _(visit 2-visit 1)	RHR _{visit 1}	RHR _{visit 2} -RHR _{visit 1}	0
A	Time _(visit 2-visit 1)	Time _(visit 3-visit 2)	RHR _{visit 2}	RHR _{visit 3} -RHR _{visit 2}	0
A	Time _(visit 3-visit 2)	Time _(visit 4-visit 3)	RHR _{visit 3}	RHR _{visit 4} -RHR _{visit 3}	1
B	0	Time _(visit 3-visit 1)	RHR _{visit 1}	RHR _{visit 3} -RHR _{visit 1}	0
B	Time _(visit 3-visit 1)	Time _(visit 4-visit 3)	RHR _{visit 3}	RHR _{visit 4} -RHR _{visit 3}	0
B	Time _(visit 4-visit 3)	Time _(visit 5-visit 4)	RHR _{visit 4}	RHR _{visit 5} -RHR _{visit 4}	0
C	0	Time _(visit 2-visit 1)	RHR _{visit 1}	RHR _{visit 2} -RHR _{visit 1}	0
C	Time _(visit 2-visit 1)	Time _(visit 5-visit 2)	RHR _{visit 2}	RHR _{visit 5} -RHR _{visit 2}	1

RHR, resting heart rate; DM, diabetes mellitus.