

Recent improvement of survival after breast cancer in Switzerland

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Association Suisse des Registres des Tumeurs

**Survival estimates using
Cohort and Period methods for analysis,
and several available softwares**

Survival estimates - methods and softwares

Cohort

Ederer

Hakulinen

Estève

Survival estimates - methods and softwares

Cohort

Ederer

Surv

Hakulinen

Hakulinen

Surv

Hakulinen

Estève

Survival estimates - methods and softwares

Cohort

Ederer

Surv
Hakulinen

Hakulinen

Surv
Hakulinen

Estève

Relsurv
Hédelin

Survival estimates - methods and softwares

Cohort

Period

Ederer

Surv
Hakulinen

Period (SAS)
Brenner

Hakulinen

Surv
Hakulinen

Periodh (SAS)
Brenner

Estève

RelSurv
Hédelin

Survival estimates - methods and softwares

Cohort

Period

Ederer

Surv
Hakulinen

Period (SAS)
Brenner

Hakulinen

Surv
Hakulinen

Periodh (SAS)
Brenner

Estève

Relsurv
Hédelin

Strelperiod (Stata)
Rachet

Survival estimates - methods and softwares

Cohort

Period

Ederer

Surv
Hakulinen

Period (*SAS, Stata*)
Brenner

Hakulinen

Surv
Hakulinen

Periodh (*SAS, Stata*)
Brenner

Estève

Relsurv
Hédelin

Strelperiod (*Stata*)
Rachet

Survival estimates - methods and softwares

Cohort

Period

Ederer

Surv
Hakulinen

← Period (*SAS, Stata*)
Brenner

Hakulinen

Surv
Hakulinen

← Periodh (*SAS, Stata*)
Brenner

Estève

Relsurv
Hédelin

← Strelperiod (*Stata*)
Rachet

Survival estimates - methods and softwares

Cohort

Period

Hakulinen

Surv
Hakulinen

Periodh (*SAS, Stata*)
Brenner

Estève

Strelperiod
Rachet

Strelperiod (*Stata*)
Rachet

Survival estimates - methods and softwares

Cohort

Period

Hakulinen

Surv
Hakulinen
▲ *Co-Hak*

Periodh (Stata)
Brenner
● *Pe-Bre*

Estève

Strelperiod
Rachet
..... *Co-Rac*

Strelperiod (Stata)
Rachet
—— *Pe-Rac*

Survival estimates - selection of data

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

Survival estimates - selection of data



1983-

1988-

1993-1997

1998-2002

Cohort

| | | | |
|--|--|---|---|
| | | | |
| | | Select on incidence | |
| | |  |  |
| | | | |

Survival estimates - selection of data

1983-

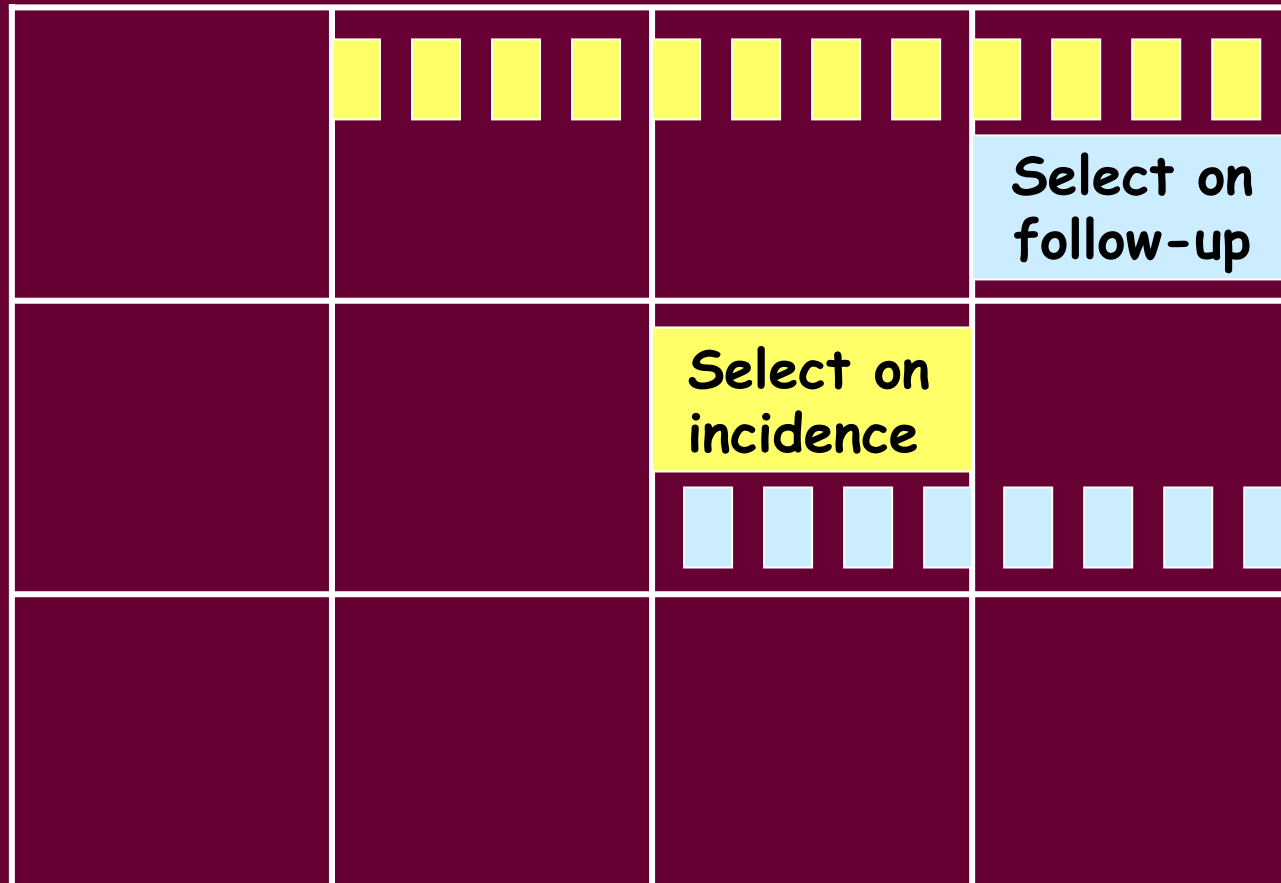
1988-

1993-1997

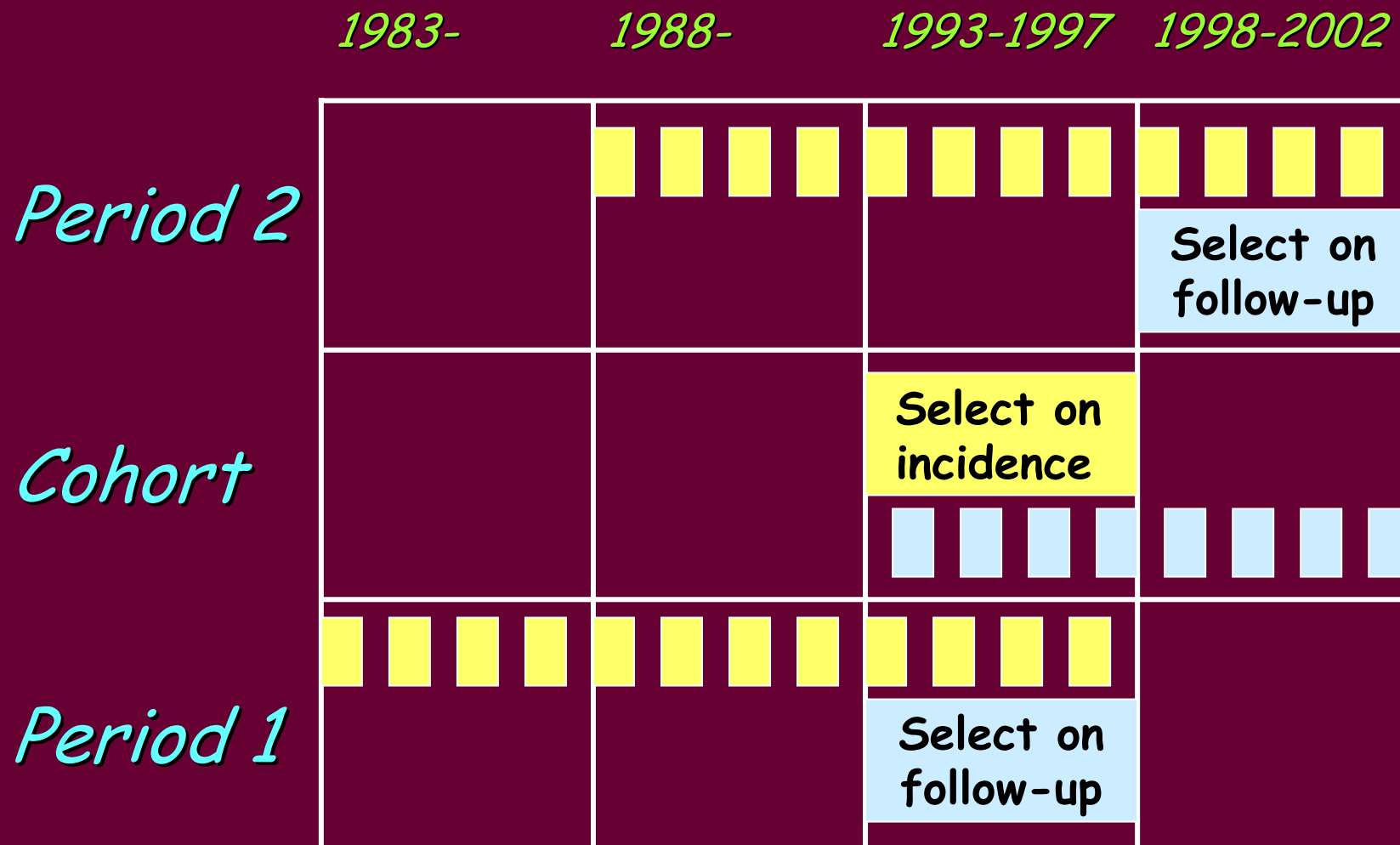
1998-2002

Period

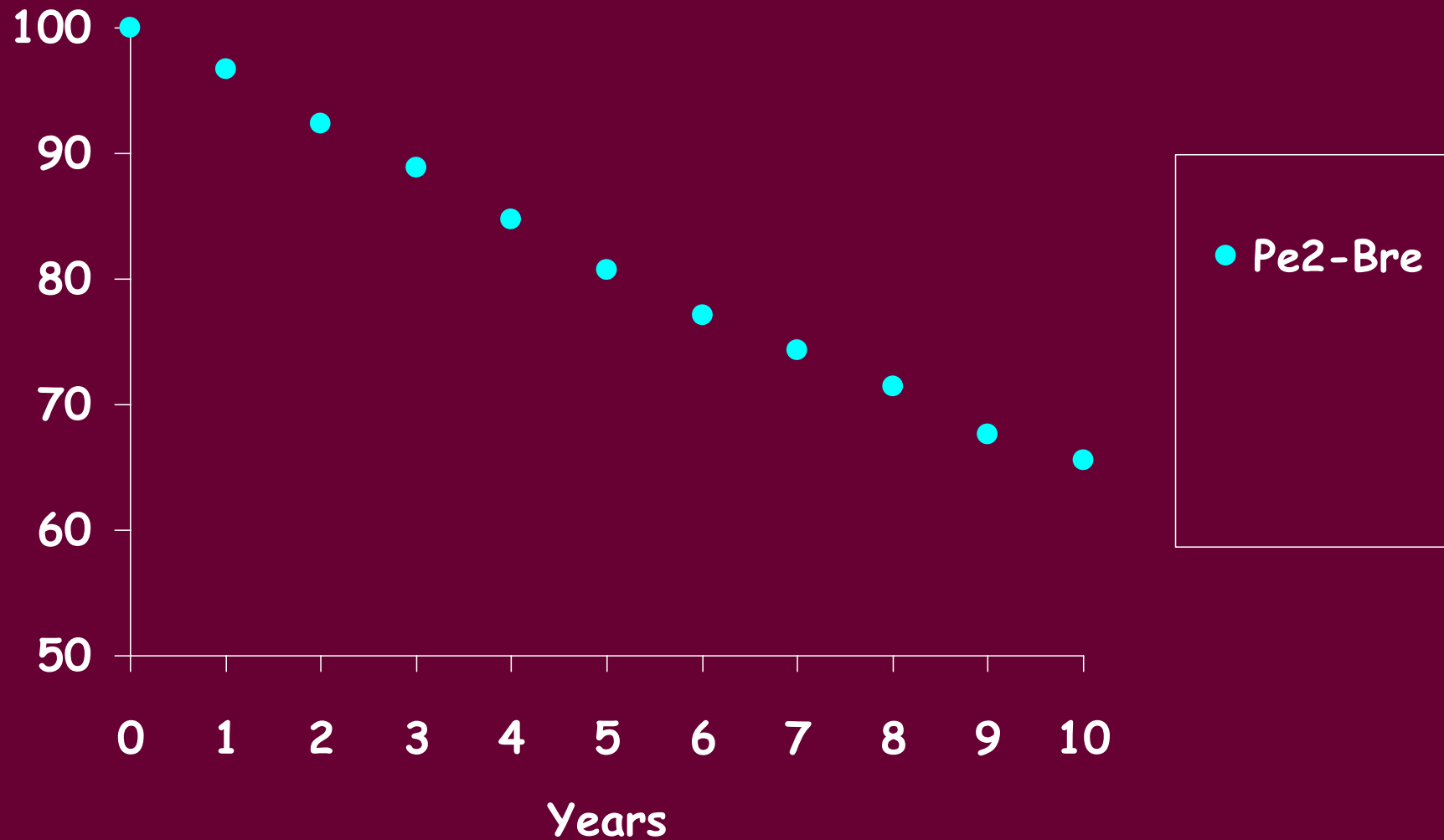
Cohort



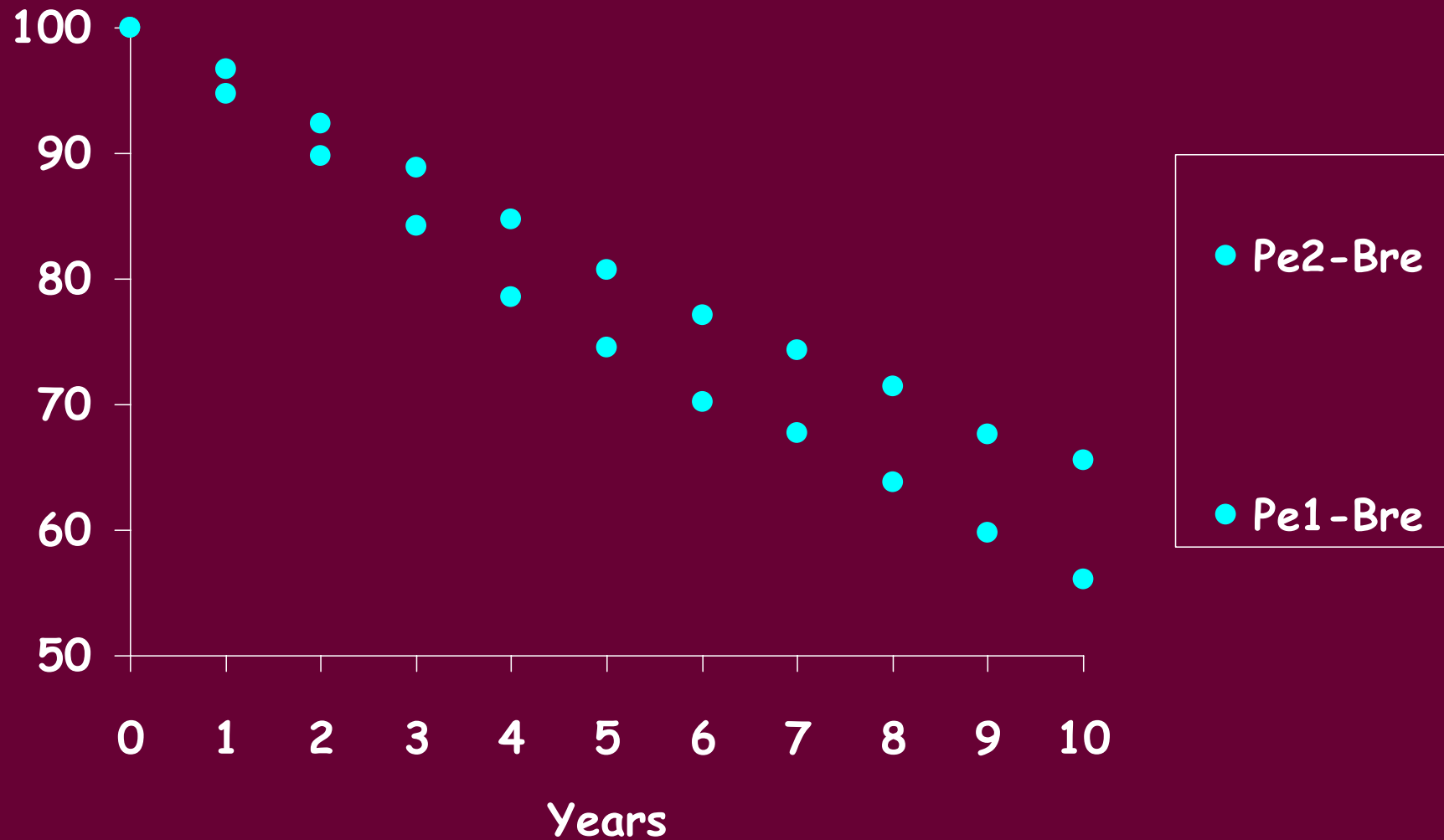
Survival estimates - selection of data



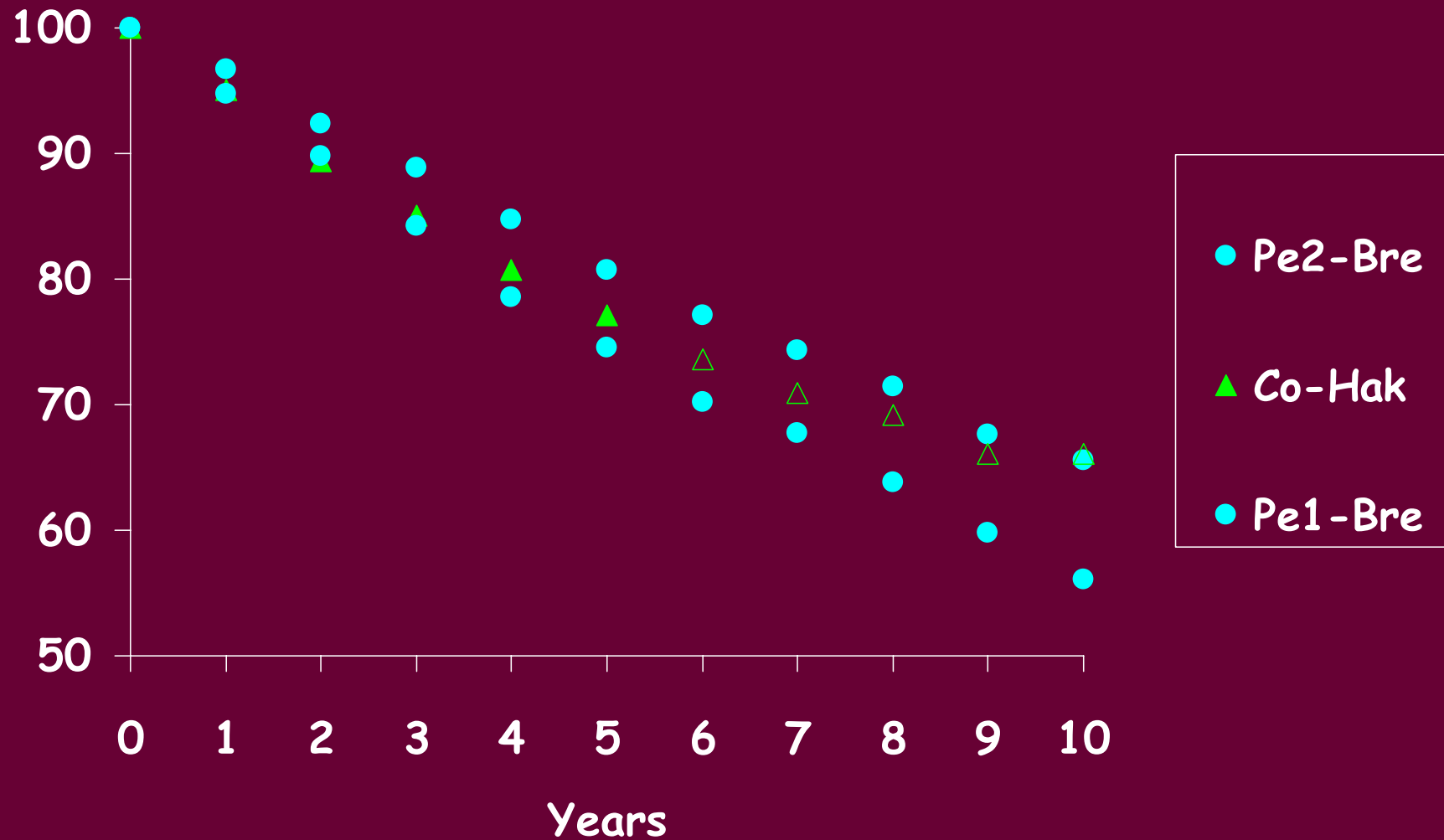
1/ Comparing softwares and methods for crude survival



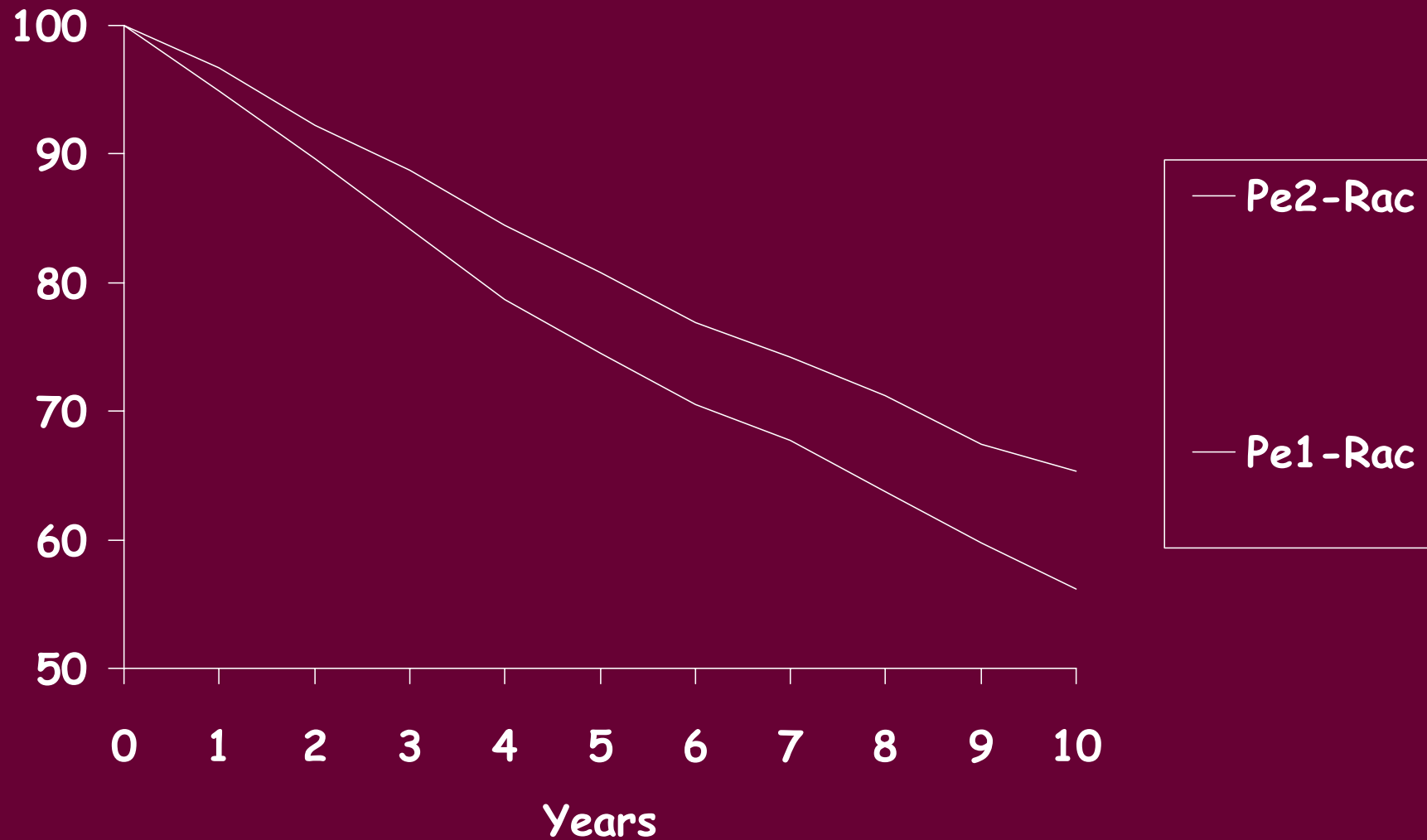
1/ Comparing softwares and methods for crude survival



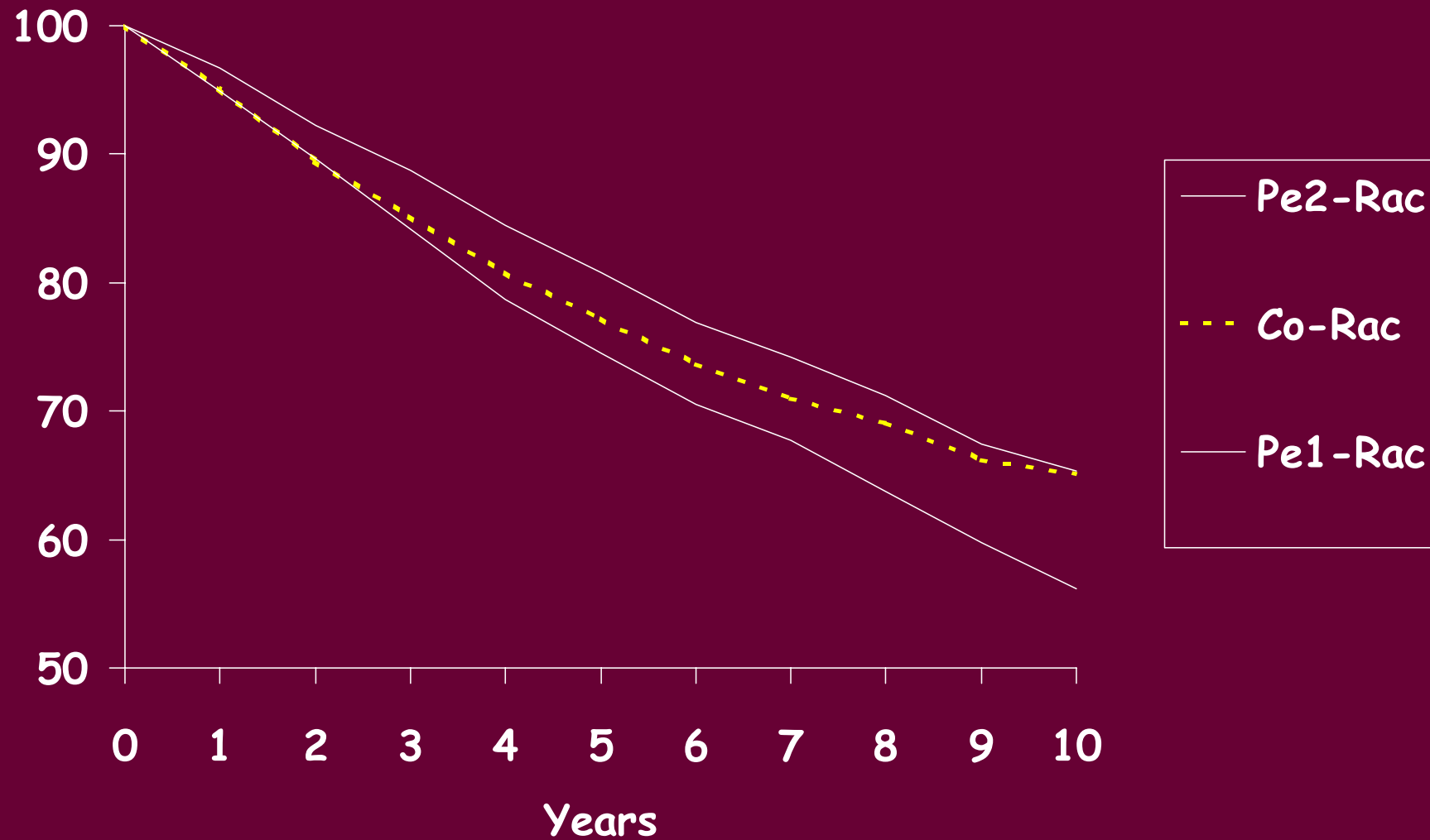
1/ Comparing softwares and methods for crude survival



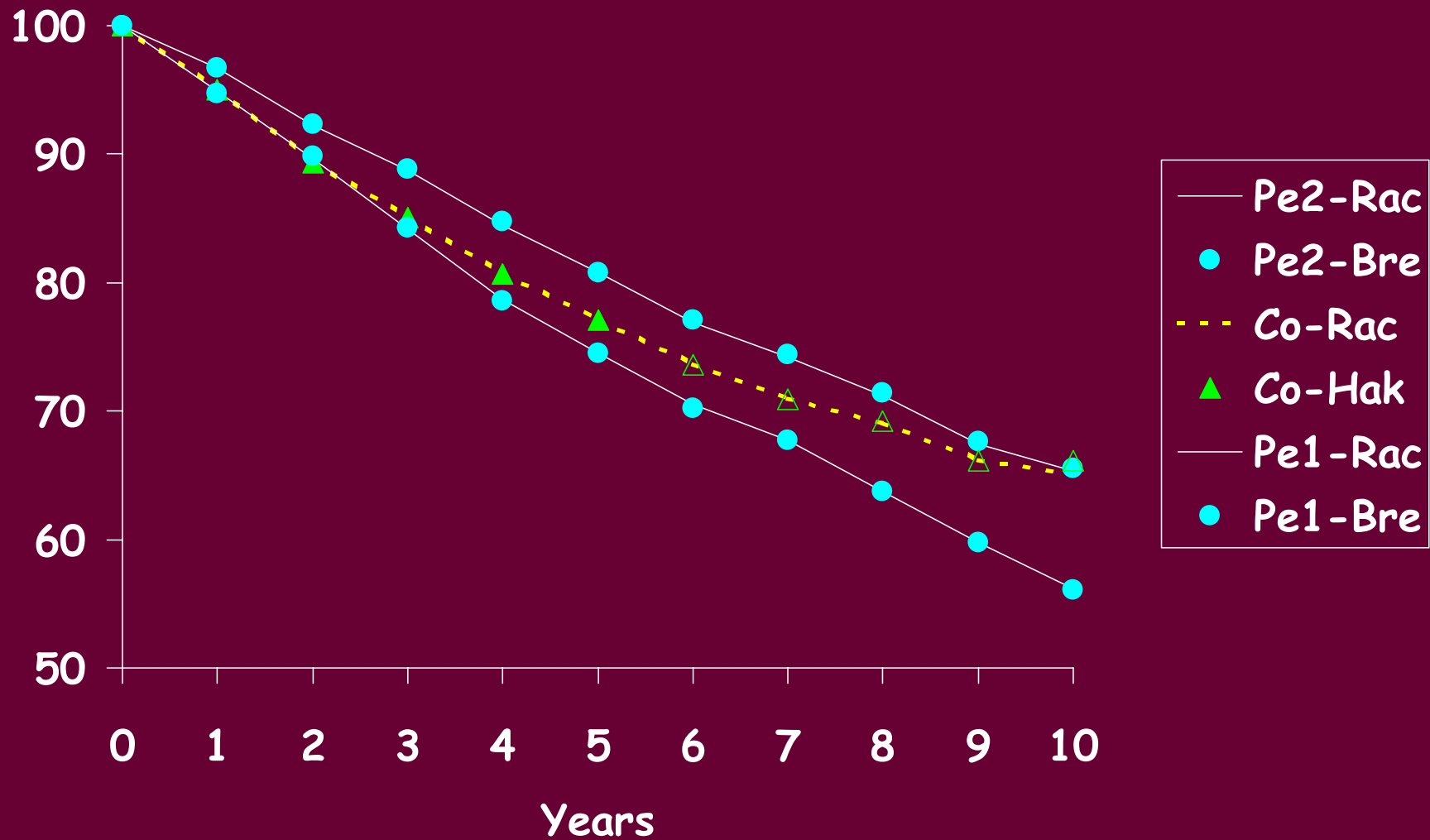
1/ Comparing softwares and methods for crude survival



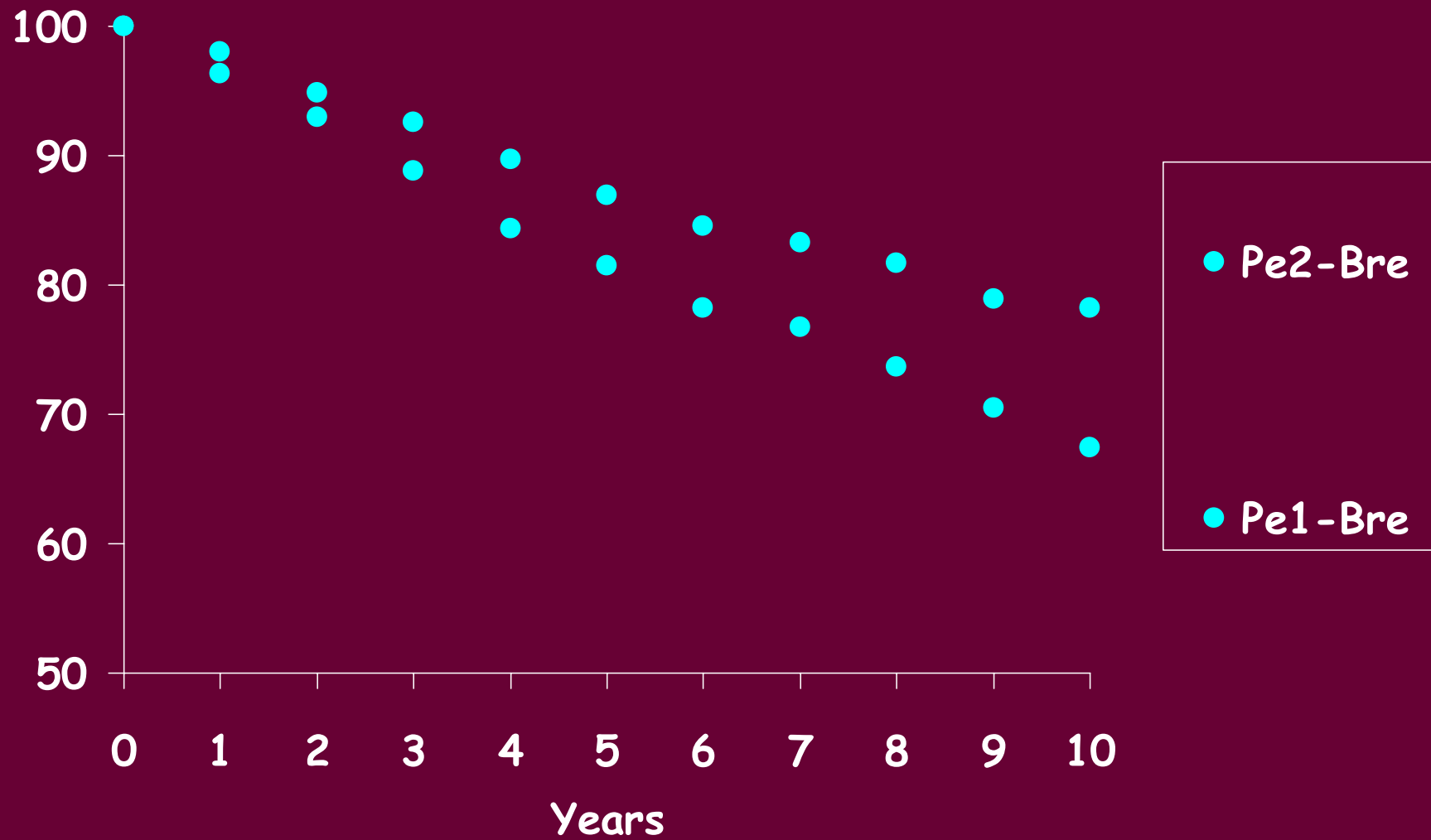
1/ Comparing softwares and methods for crude survival



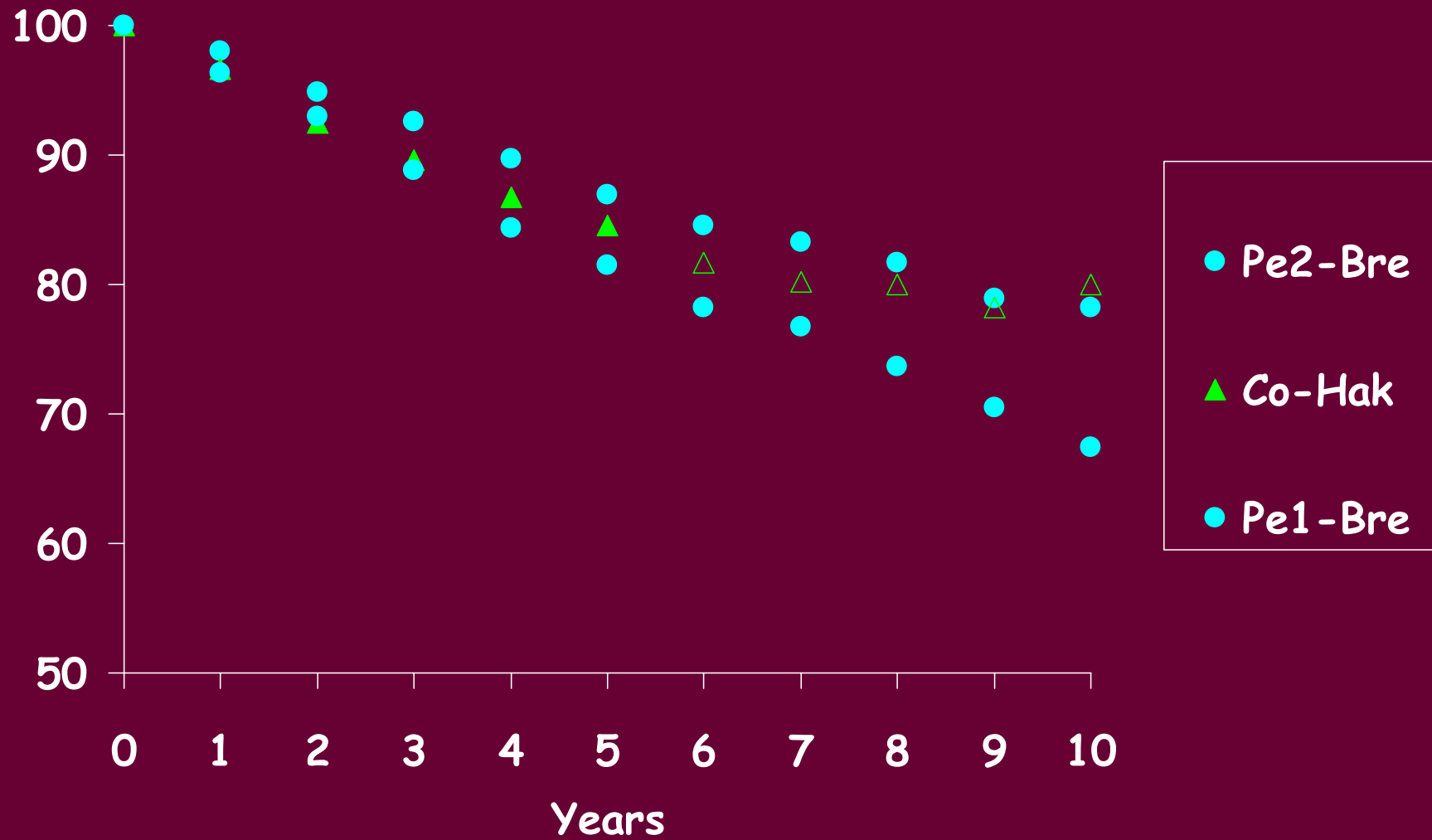
1/ Comparing softwares and methods for crude survival



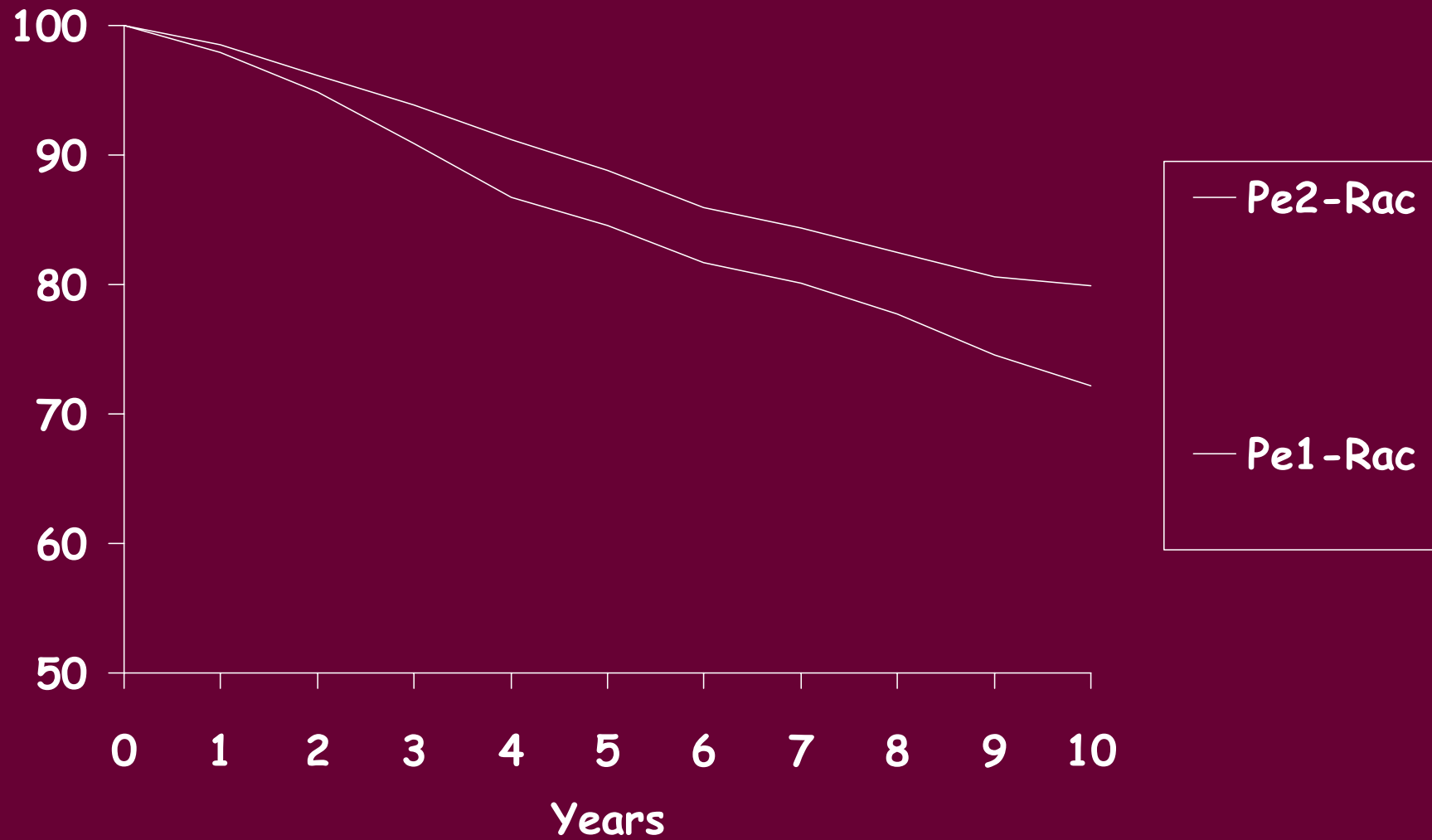
2/ Comparing softwares and methods for relative survival



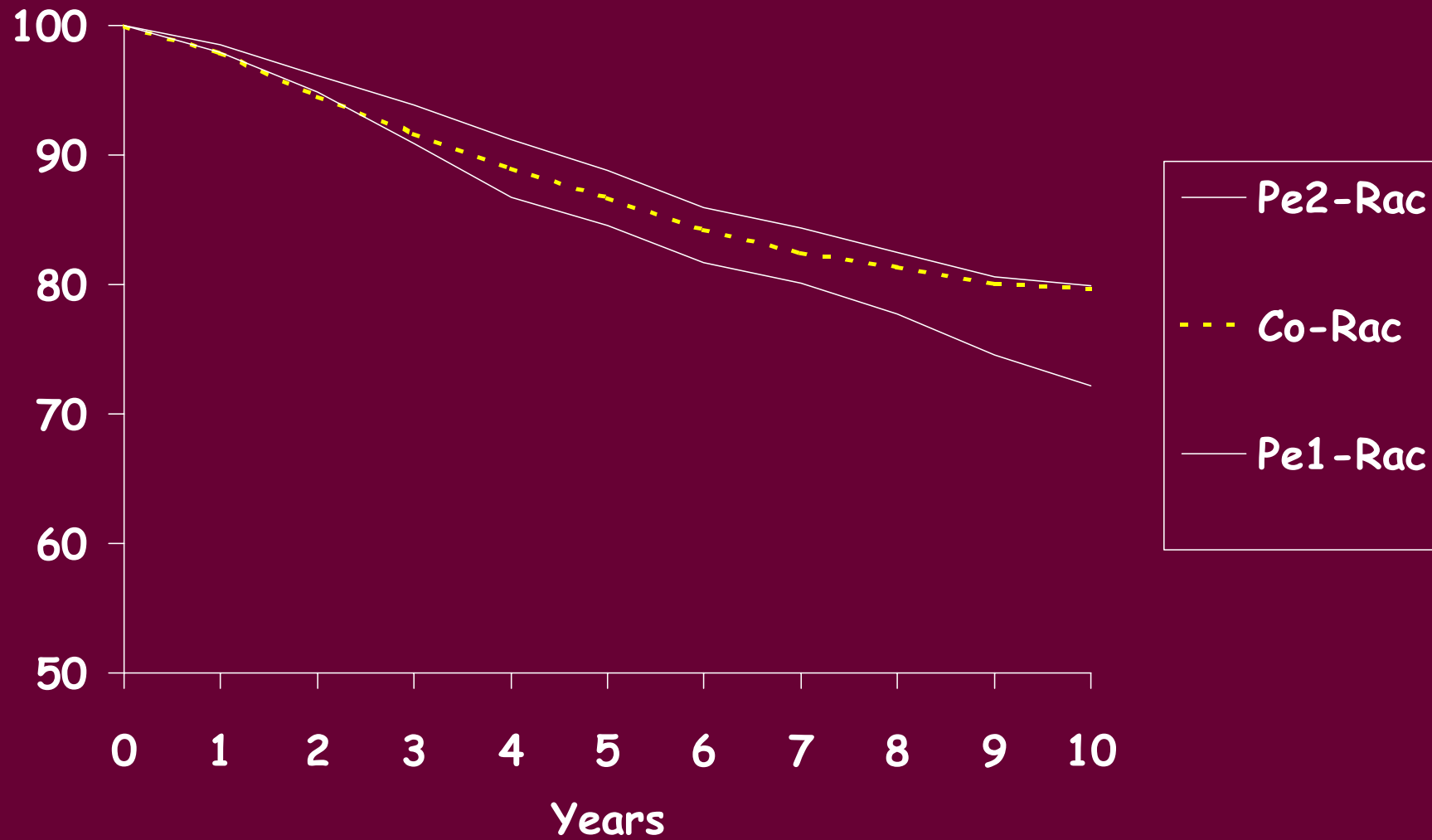
2/ Comparing softwares and methods for relative survival



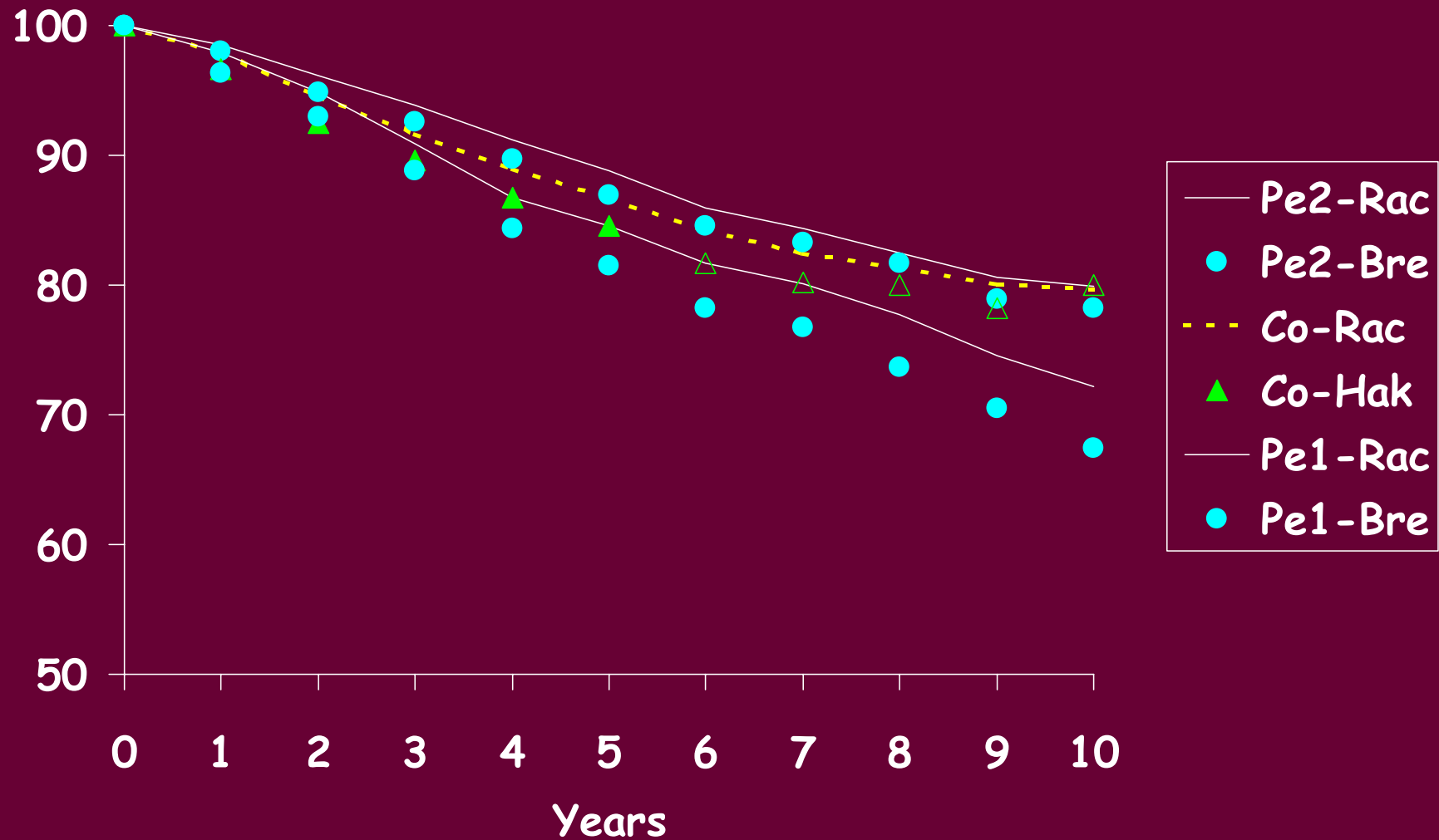
2/ Comparing softwares and methods for relative survival



2/ Comparing softwares and methods for relative survival



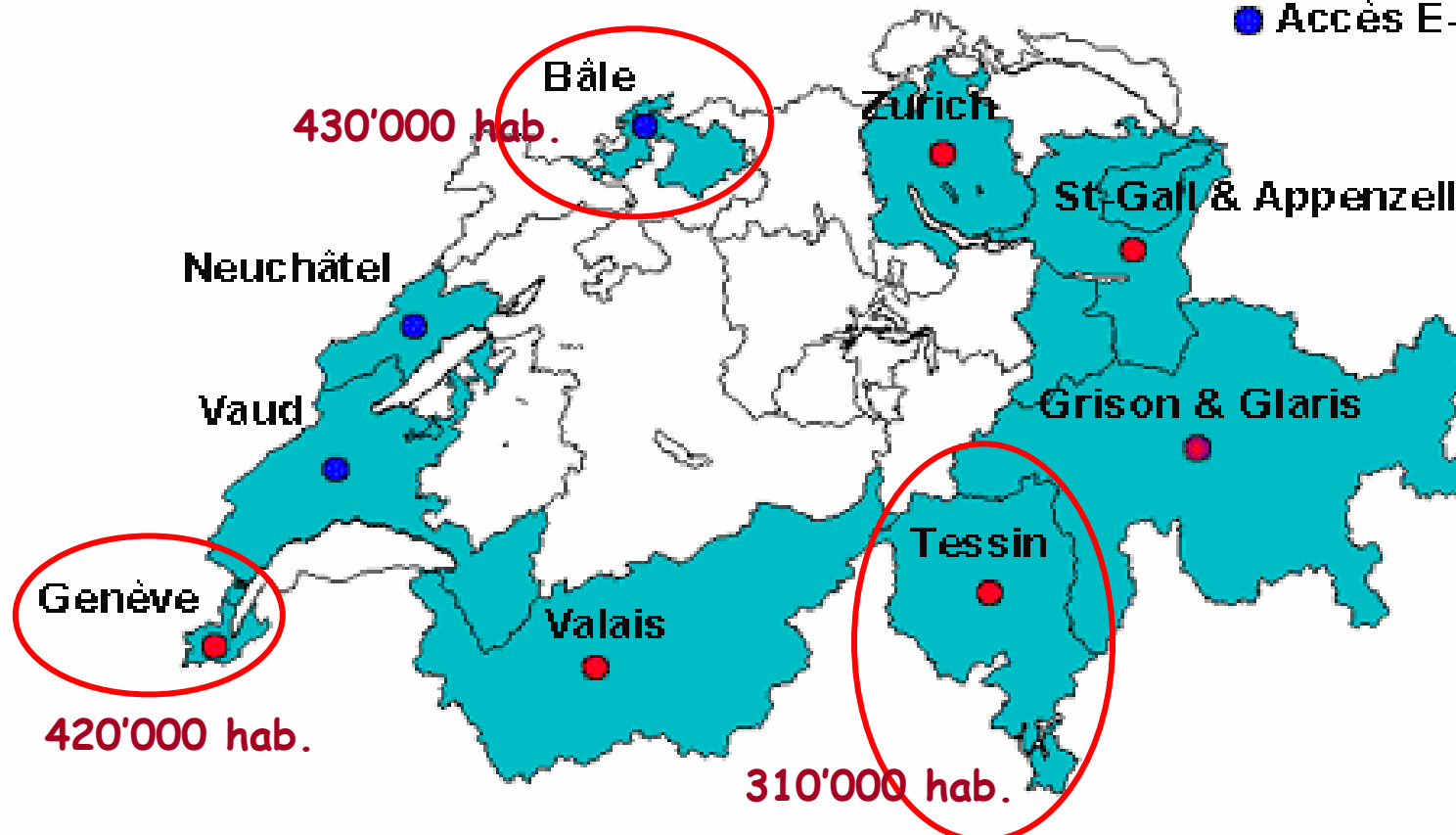
2/ Comparing softwares and methods for relative survival



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● Accès Internet

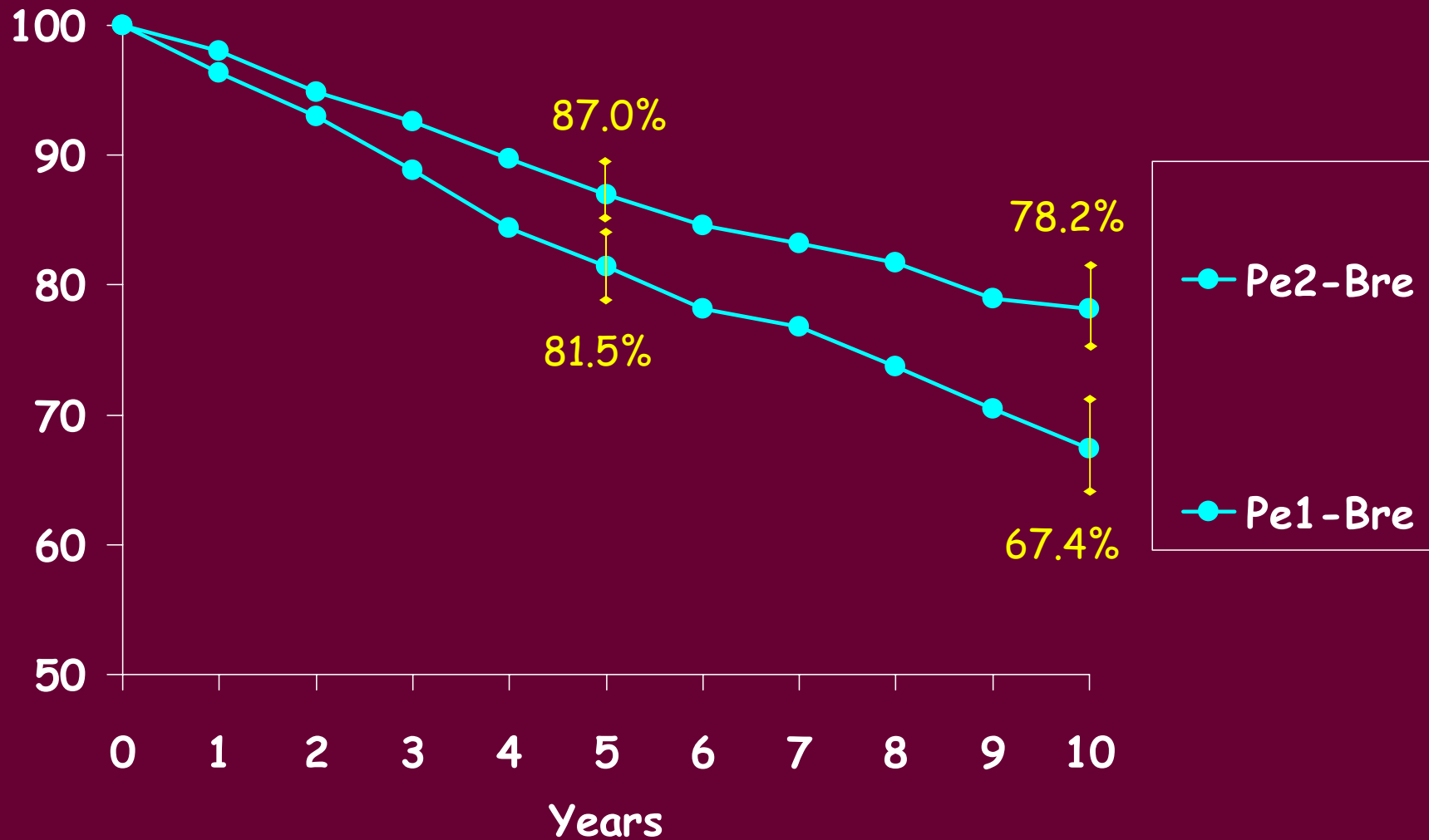
● Accès E-mail



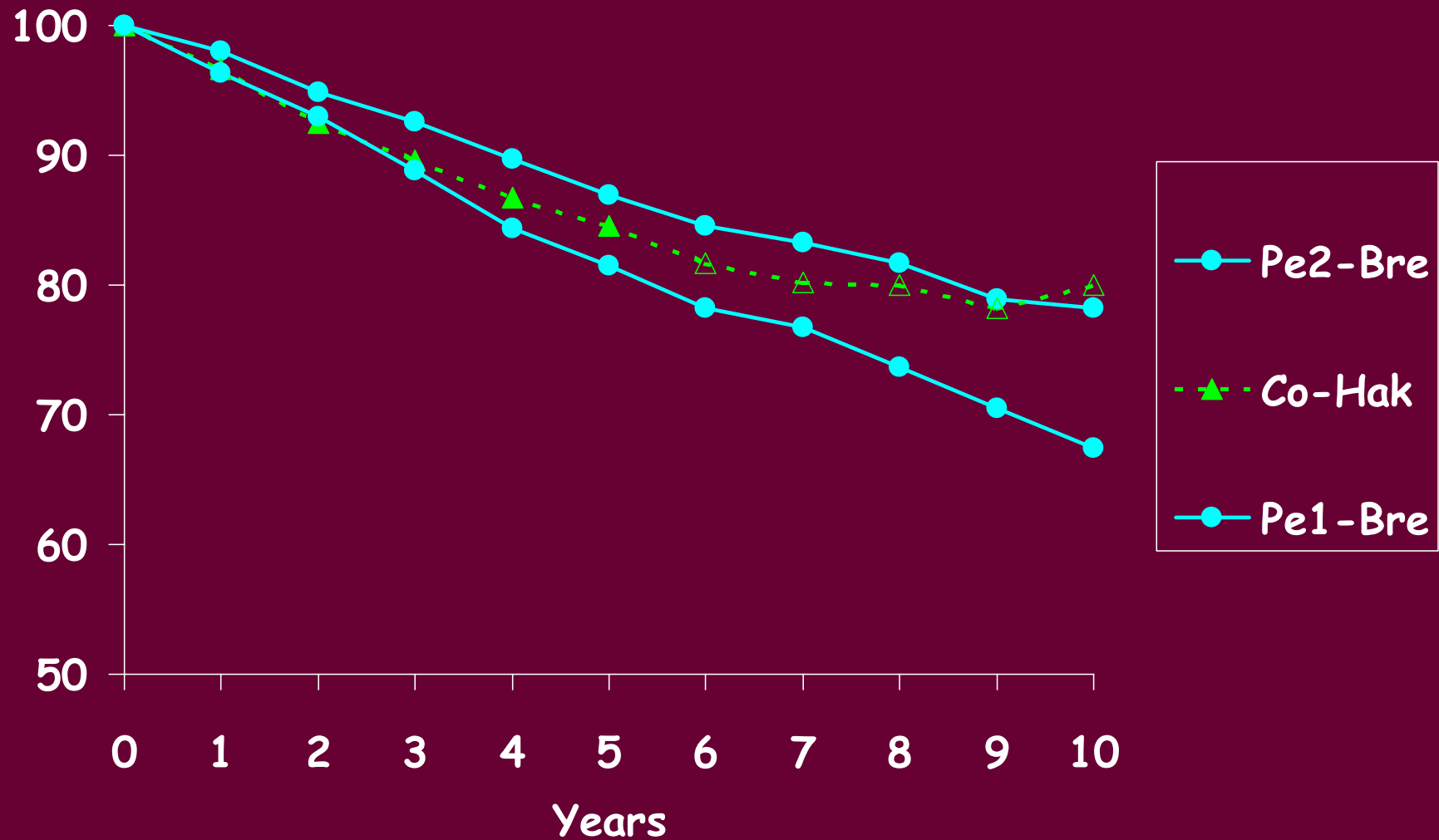
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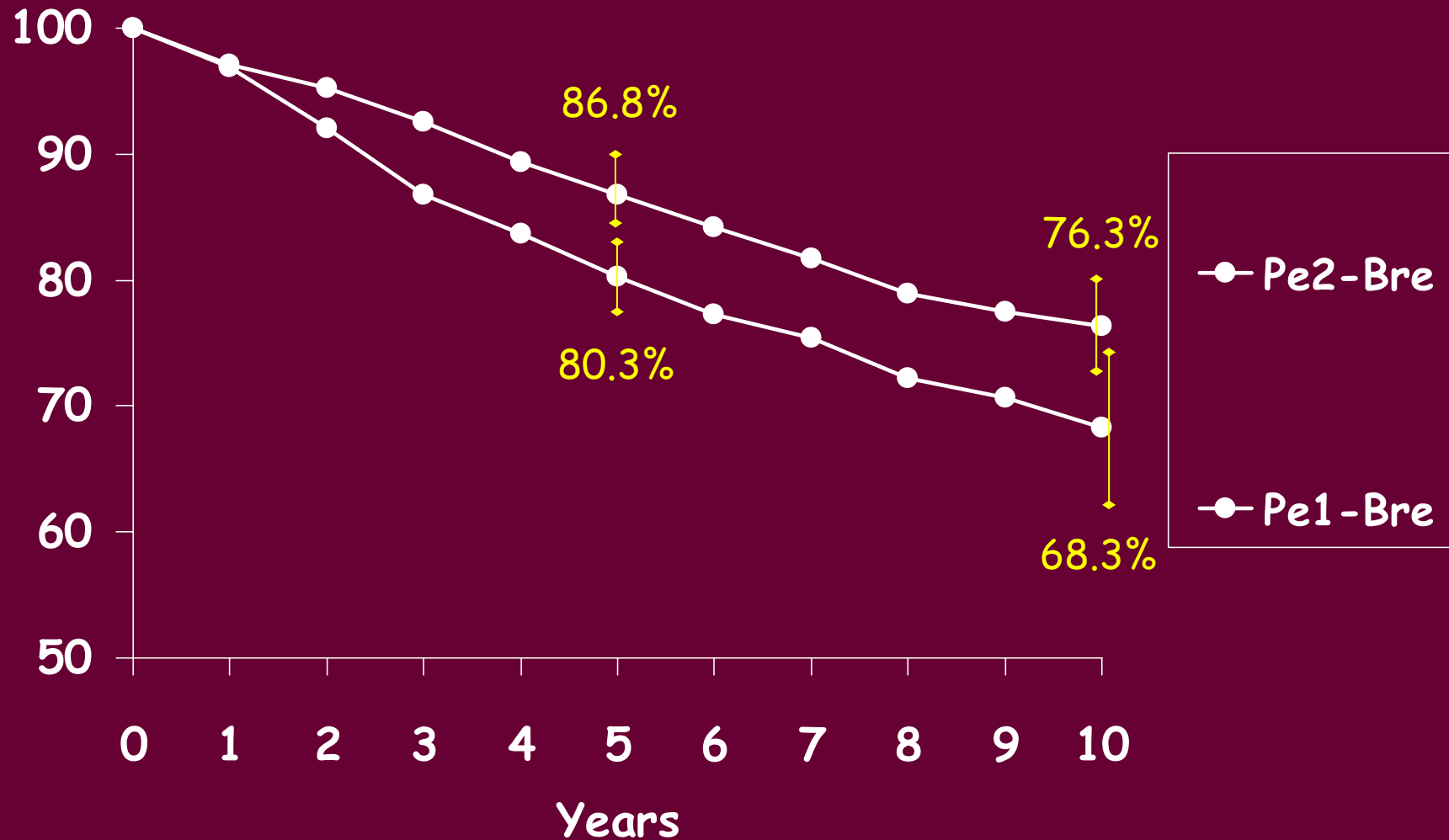
3/ Comparing relative survival of breast cancer in 3 cantons: Geneva



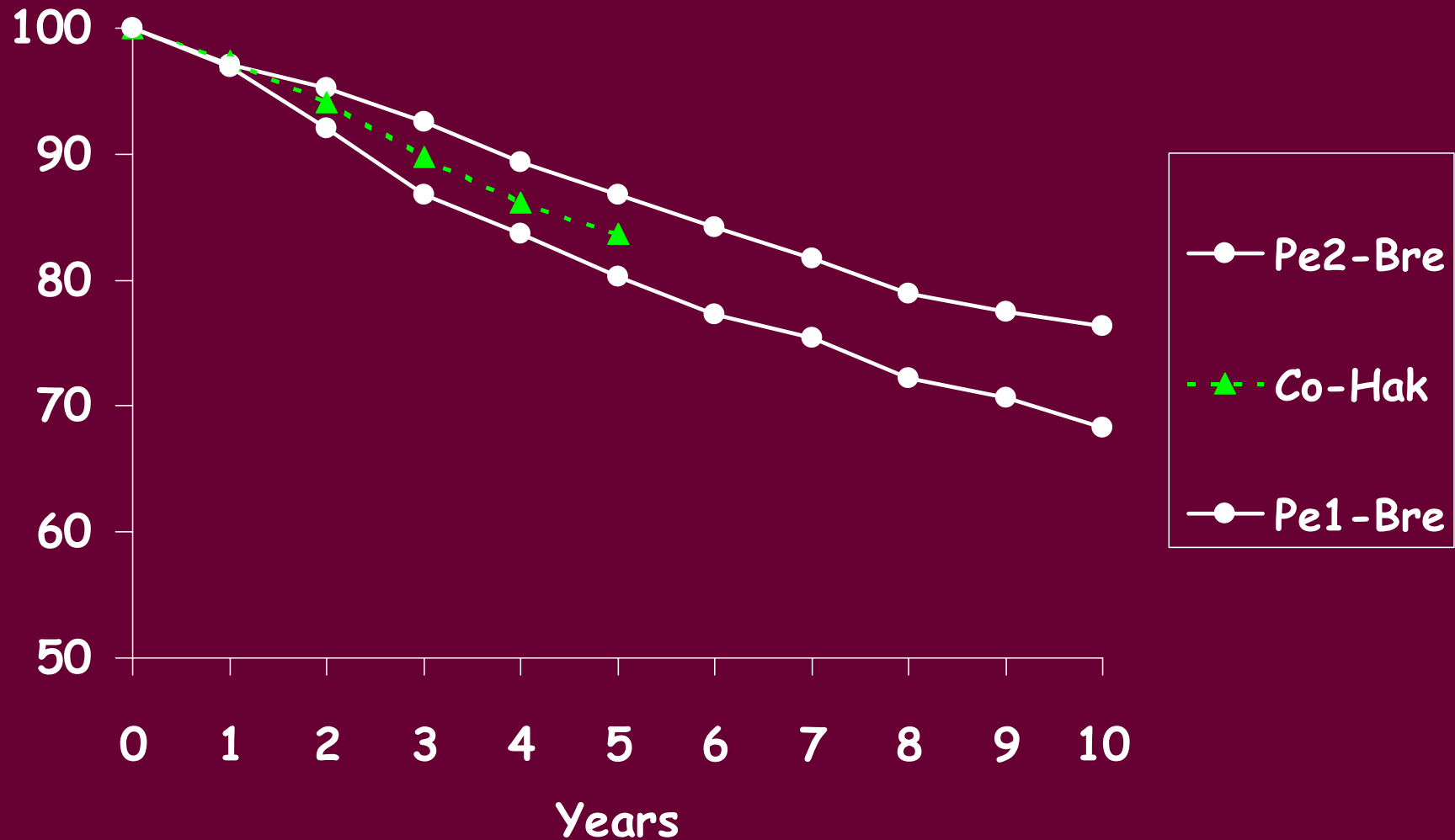
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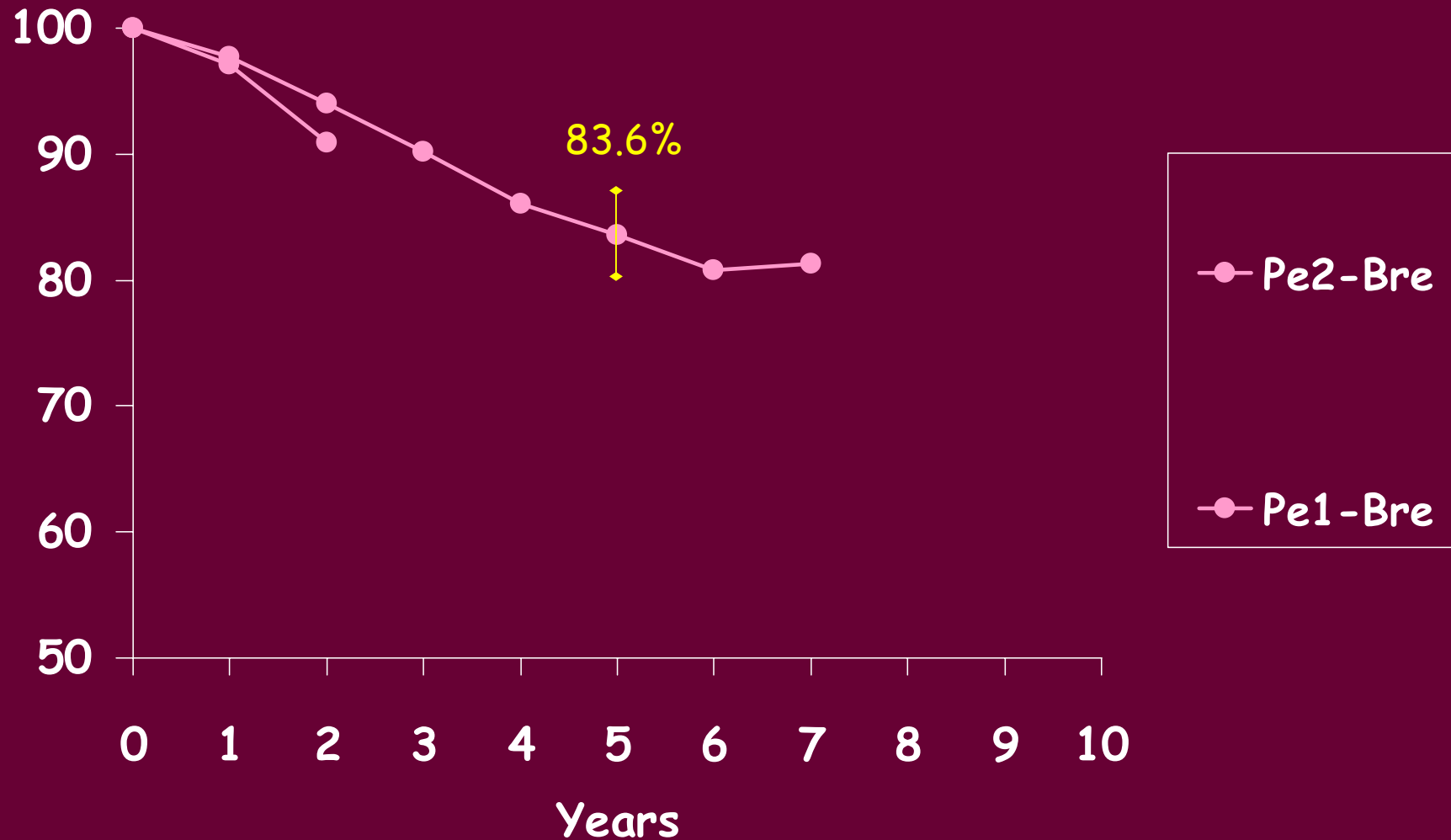
3/ Comparing relative survival of breast cancer in 3 cantons: Basle



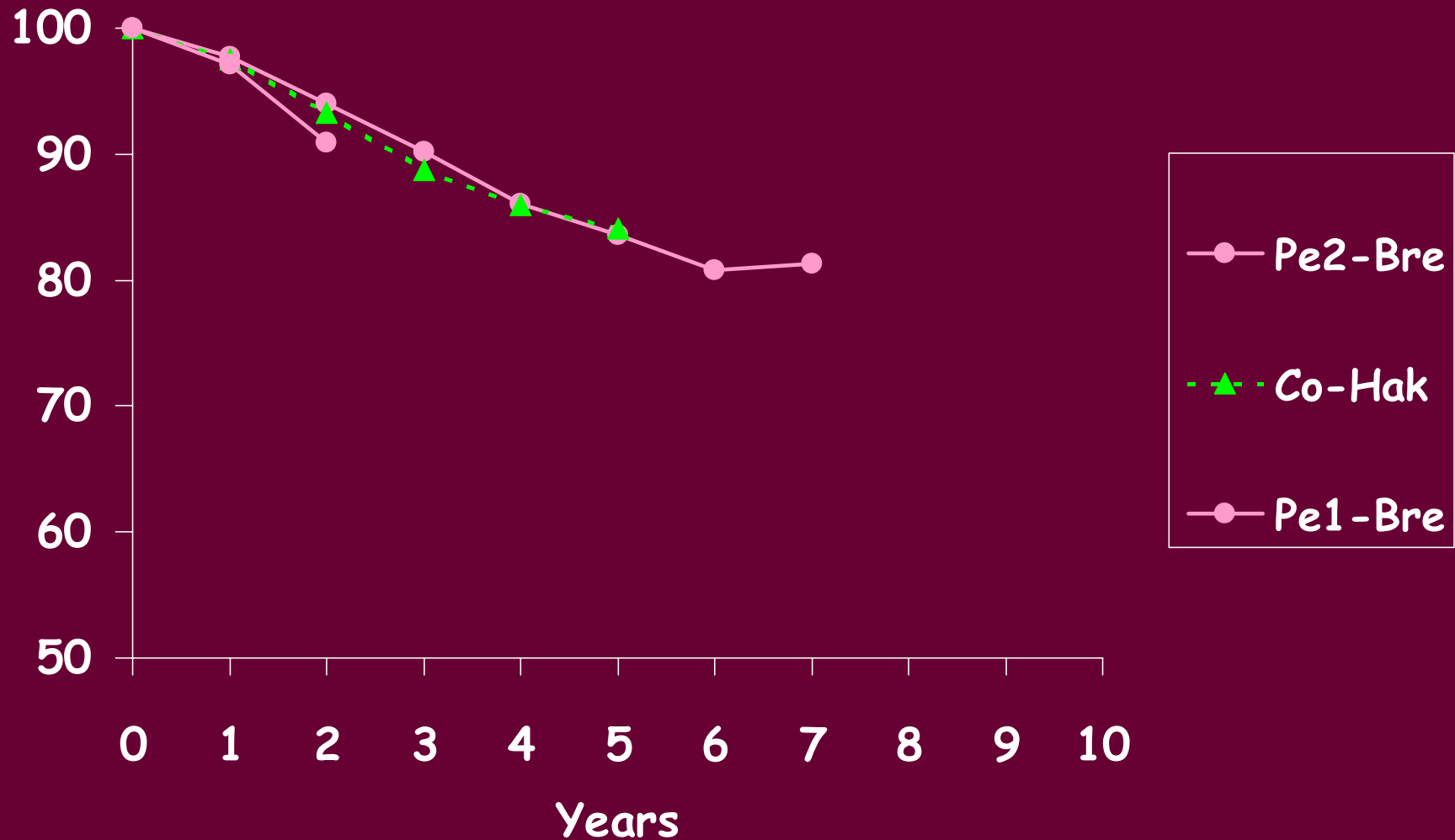
3/ Comparing relative survival of breast cancer in 3 cantons: Basle



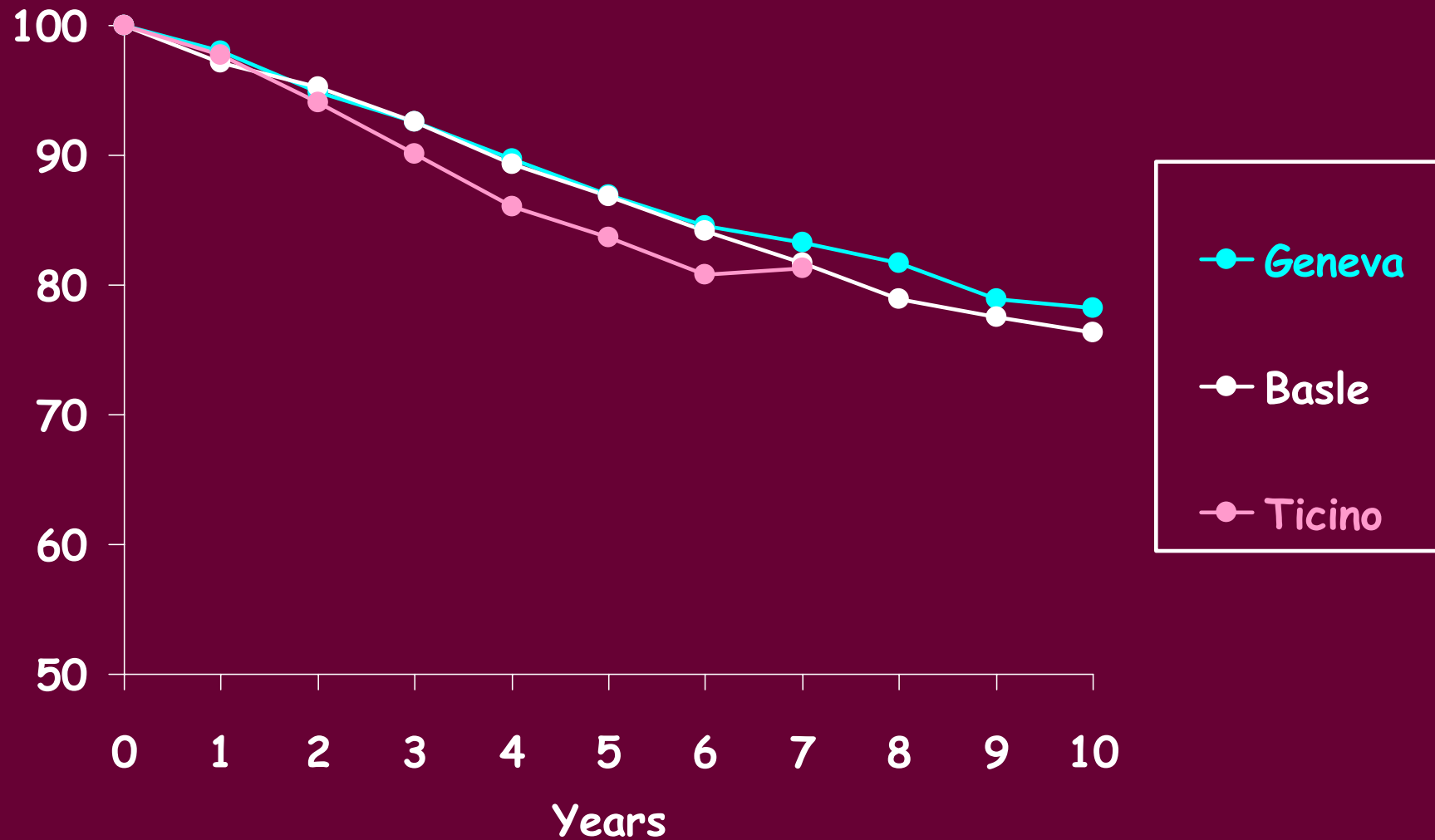
3/ Comparing relative survival of breast cancer in 3 cantons: Ticino



3/ Comparing relative survival of breast cancer in 3 cantons: Ticino



3/ Comparing relative survival of breast cancer in 3 cantons: Period 2



The Period method in conclusion...

- Topical short survival figures
- Long survival also available
- Estimations possible without delay
- Recent increase of survival highlighted

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Jean-Michel Lutz & Julian Gree - Swiss network of registries

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Andrea Bordoni - Registry of Ticino

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