# Colon Age 18-59

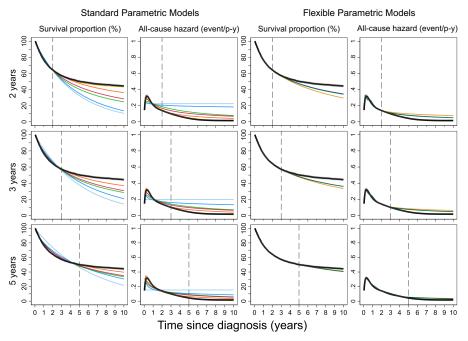


Figure C1. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for colon cancer aged 18-59 years. The observed estimates (black lines) with 95% confidence intervals (Cls) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
Spline hazard	Spline odds	Spline normal	

# Colon Age 60-69

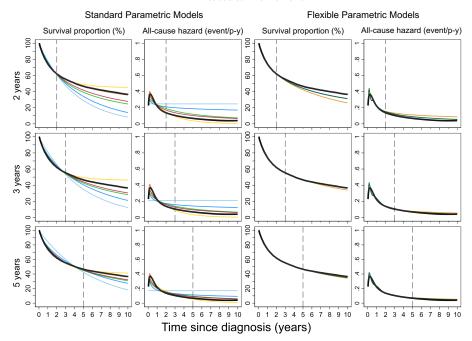


Figure C2. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for colon cancer aged 60-69 years. The observed estimates (black lines) with 95% confidence intervals (Cls) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

——— K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
——— Spline hazard	Spline odds	Spline normal	

# Colon Age 70-99

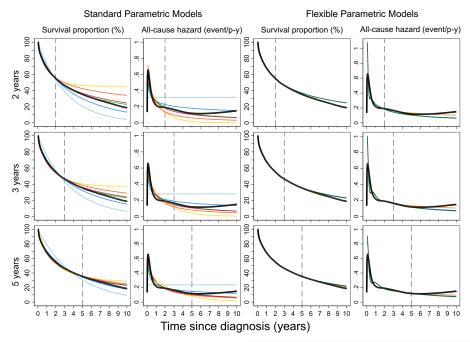


Figure C3. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for colon cancer aged 70-99 years. The observed estimates (black lines) with 95% confidence intervals (CIs) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

——— K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
Spline hazard	Spline odds	Spline normal	

# Breast Age 18-59

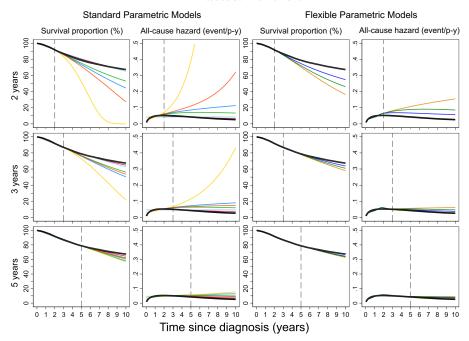


Figure C4. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for breast cancer aged 18-59 years. The observed estimates (black lines) with 95% confidence intervals (Cls) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
Spline hazard	Spline odds	Spline normal	

# Breast Age 60-69

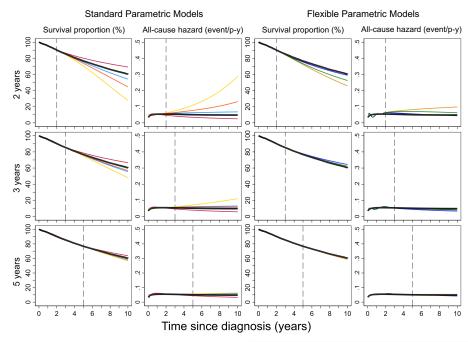


Figure C5. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for breast cancer aged 60-69 years. The observed estimates (black lines) with 95% confidence intervals (Cls) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

——— K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
Spline hazard	Spline odds	Spline normal	

# Breast Age 70-99

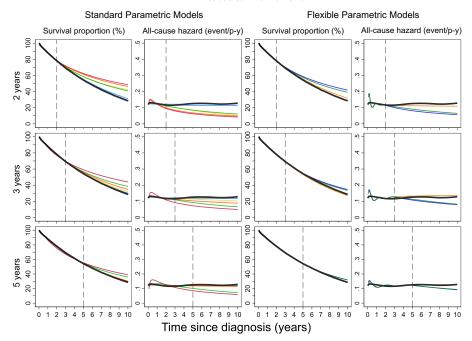


Figure C6. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for breast cancer aged 70-99 years. The observed estimates (black lines) with 95% confidence intervals (Cls) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
Spline hazard	Spline odds	Spline normal	

# Melanoma Age 18-59

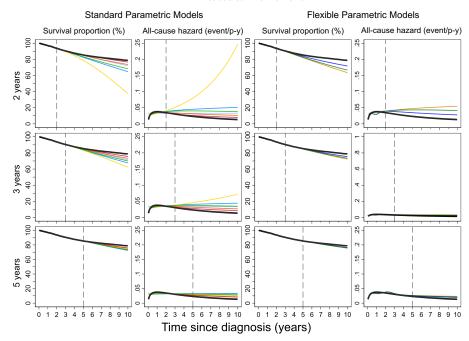


Figure C7. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for melanoma aged 18-59 years. The observed estimates (black lines) with 95% confidence intervals (CIs) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

——— K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
——— Spline hazard	Spline odds	Spline normal	

# Melanoma Age 60-69

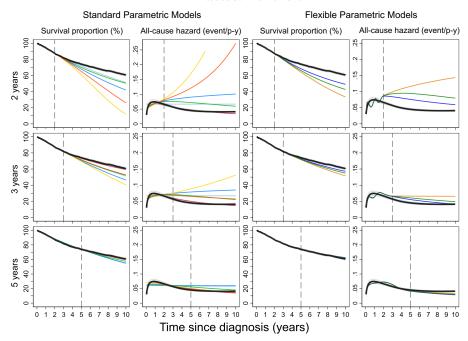


Figure C8. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for melanoma aged 60-69 years. The observed estimates (black lines) with 95% confidence intervals (Cls) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

——— K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
——— Spline hazard	Spline odds	Spline normal	

# Melanoma Age 70-99

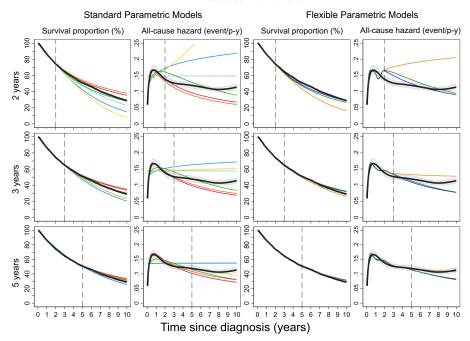


Figure C9. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for melanoma aged 70-99 years. The observed estimates (black lines) with 95% confidence intervals (Cls) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
Spline hazard	Spline odds	Spline normal	

# Prostate Age 18-59

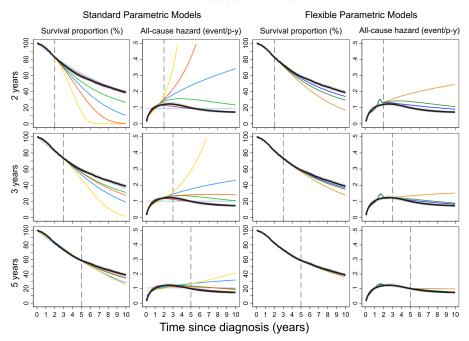


Figure C10. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for prostate cancer aged 18-59 years. The observed estimates (black lines) with 95% confidence intervals (CIs) (shaded areas) were from the Kaplan-Meier p-y, person-year.

——— K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
——— Spline hazard	Spline odds	Spline normal	

# Prostate Age 60-69

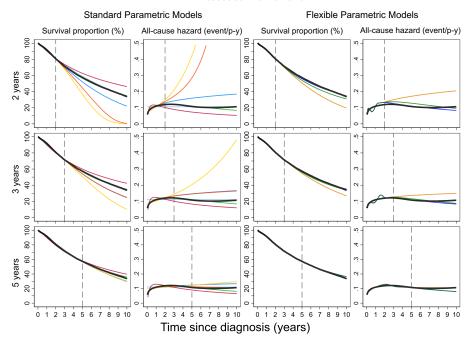


Figure C11. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for prostate cancer aged 60-69 years. The observed estimates (black lines) with 95% confidence intervals (CIs) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

——— K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
——— Spline hazard	Spline odds	Spline normal	

# Prostate Age 70-99

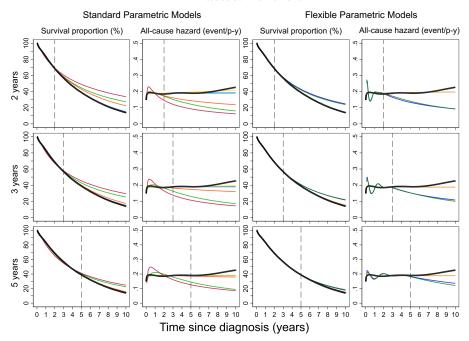


Figure C12. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for prostate cancer aged 70-99 years. The observed estimates (black lines) with 95% confidence intervals (CIs) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
Spline hazard	Spline odds	Spline normal	

### CML Age 18-59

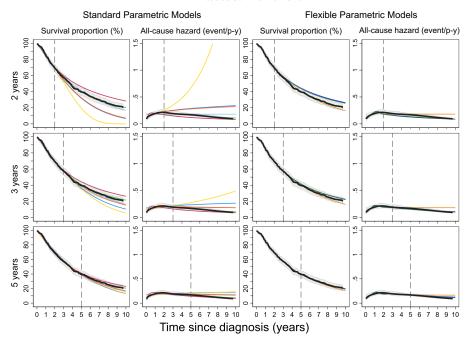


Figure C13. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for chronic myeloid leukemia (CML) aged 18-59 years. The observed estimates (black lines) with 95% confidence intervals (CIs) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier, p-y, person-year.

——— K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
Spline hazard	Spline odds	Spline normal	

### CML Age 60-69

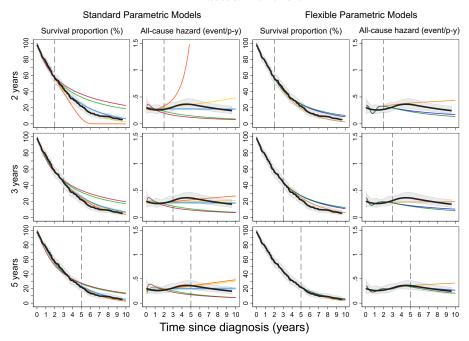


Figure C14. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for chronic myeloid leukemia (CML) aged 60-69 years. The observed estimates (black lines) with 95% confidence intervals (Cls) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

——— K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
——— Spline hazard	Spline odds	Spline normal	

### CML Age 70-99

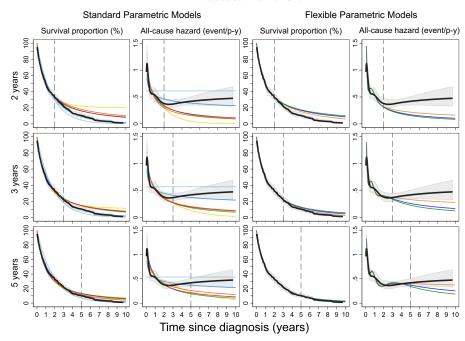


Figure C15. Plots show the extrapolated survival and all-cause hazard functions within an all-cause survival framework by model, and follow-up time used for extrapolation to 10 years, for chronic myeloid leukemia (CM) aged 70-99 years. The observed estimates (black lines) with 95% confidence intervals (Cls) (shaded areas) were from the Kaplan-Meier survival estimates or the smoothed all-cause hazard functions. K-M, Kaplan-Meier; p-y, person-year.

K-M survival/smoothed hazard	95% Cls for K-M/smoothed hazard	Exponential	Weibull
Gompertz	Log-logistic	Log-normal	Generalized gamma
Spline hazard	Spline odds	Spline normal	