Visualising cancer data:
An interactive APProach

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Background

Real world data is a powerful tool that can be utilised to inform health care decision making, but needs to be accessible by those who need to use it in an easy to understand format. To aid this we have developed a series of interactive applications within the Christie Clinical Outcomes Unit. These are designed to facilitate access, generate insights, drive data driven decision making and strength the impact data can make to patient care. Some of our applications are introduced here. The figures shown are for illustrative purposes only.

Hello, I am **Cohort Selector APP.** I **filter and select** the data you require, making it available for download and to be utilised in visualisations.
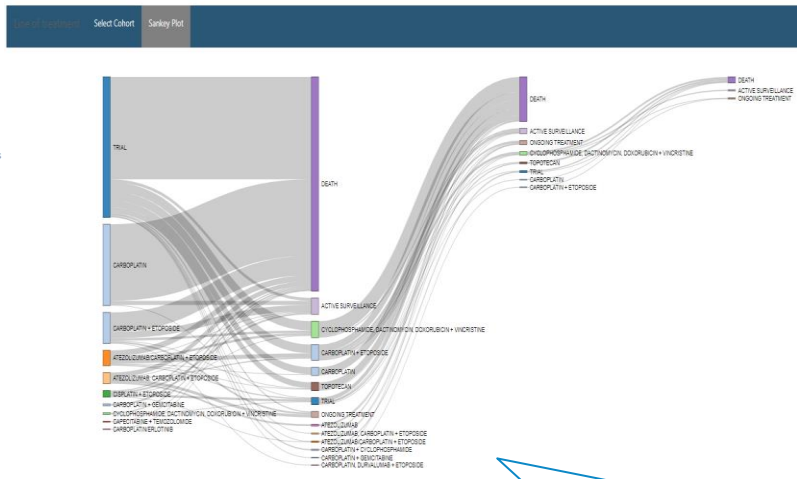
Hello, I am **Survival APP**. I **visualise the survival outcomes** of your selected cohort, and **estimate** the **median survival times** and the **1 year and 5 year survival rates** enabling assessment of patient outcomes.
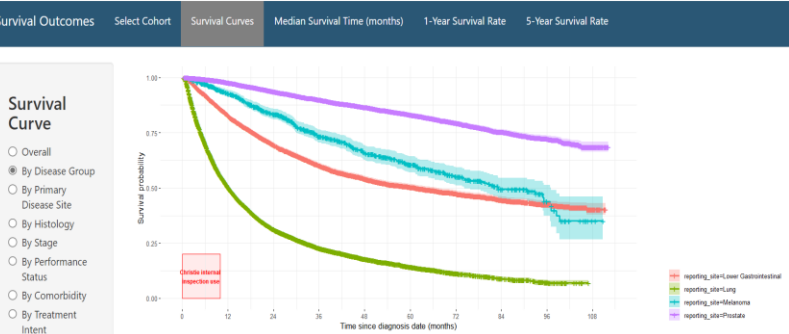
Hello, I am **Line of Treatment APP**. I **visualise data involving SACT treatments** for your selected cohort**.** I can easily pick out **the number of patients receiving different treatments** which can be utilised to **compare different types of treatments or to feed into future research.**

Impact

These Apps enable users to interact with real world data and harness the benefits of being able to easily access and utilise up to date data to make data driven decisions and help improve patient care and outcomes. The records can be visualised and used for comparison across disease groups, treatments and baseline characteristics, enabling identification of the most successful treatments and areas to focus on for research. We will also soon be introducing an App to allow self serve access to anonymised data cohorts.