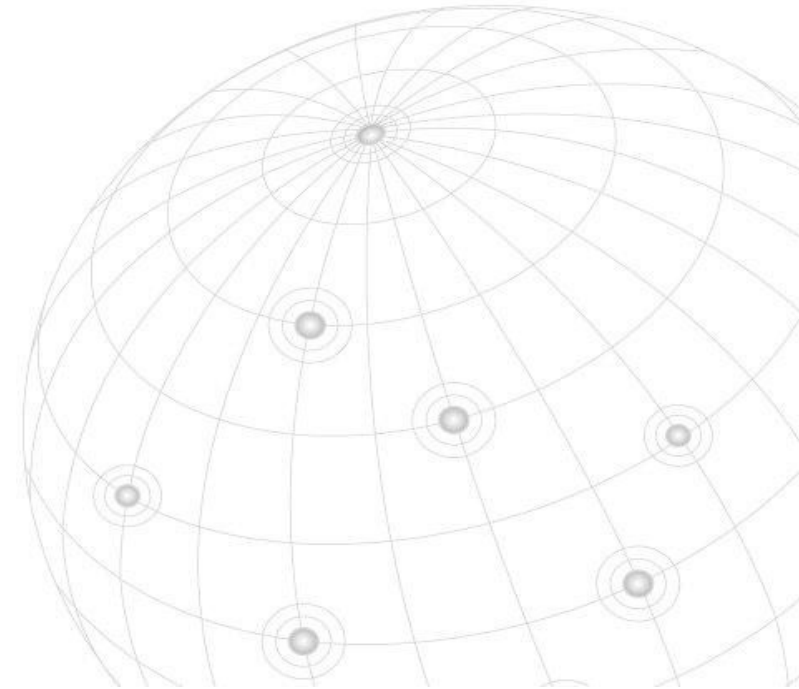




National Services Division
Edinburgh Somatic Testing
22 October 2021

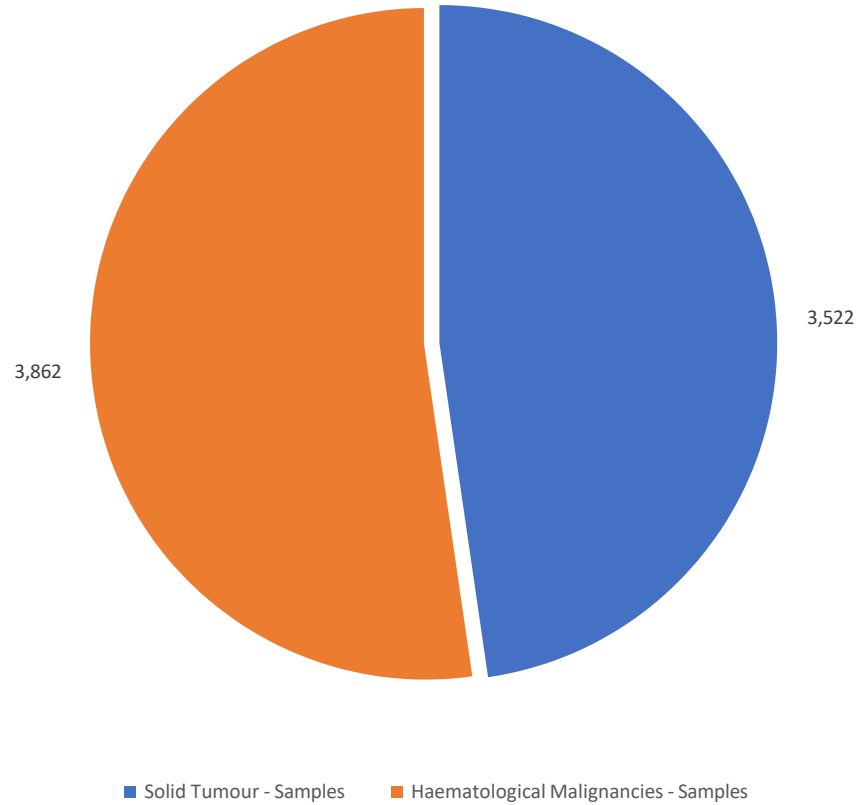


Discussion

- Analysis based on NHS Lothian Data provided for Somatic Testing for Solid Tumours and Haematological Malignancies 2019 -2020,
- Germline testing has been analysed and provided separately,
- Data Analysis to consider how current workload could be illustrated and support future capacity planning for the SGLC service and potential what-if scenarios based on future and changing demand requirements.

Edinburgh Somatic Testing 2019 – 2020 Samples In

NHS Lothian 2019-2020 Somatic Data Samples In



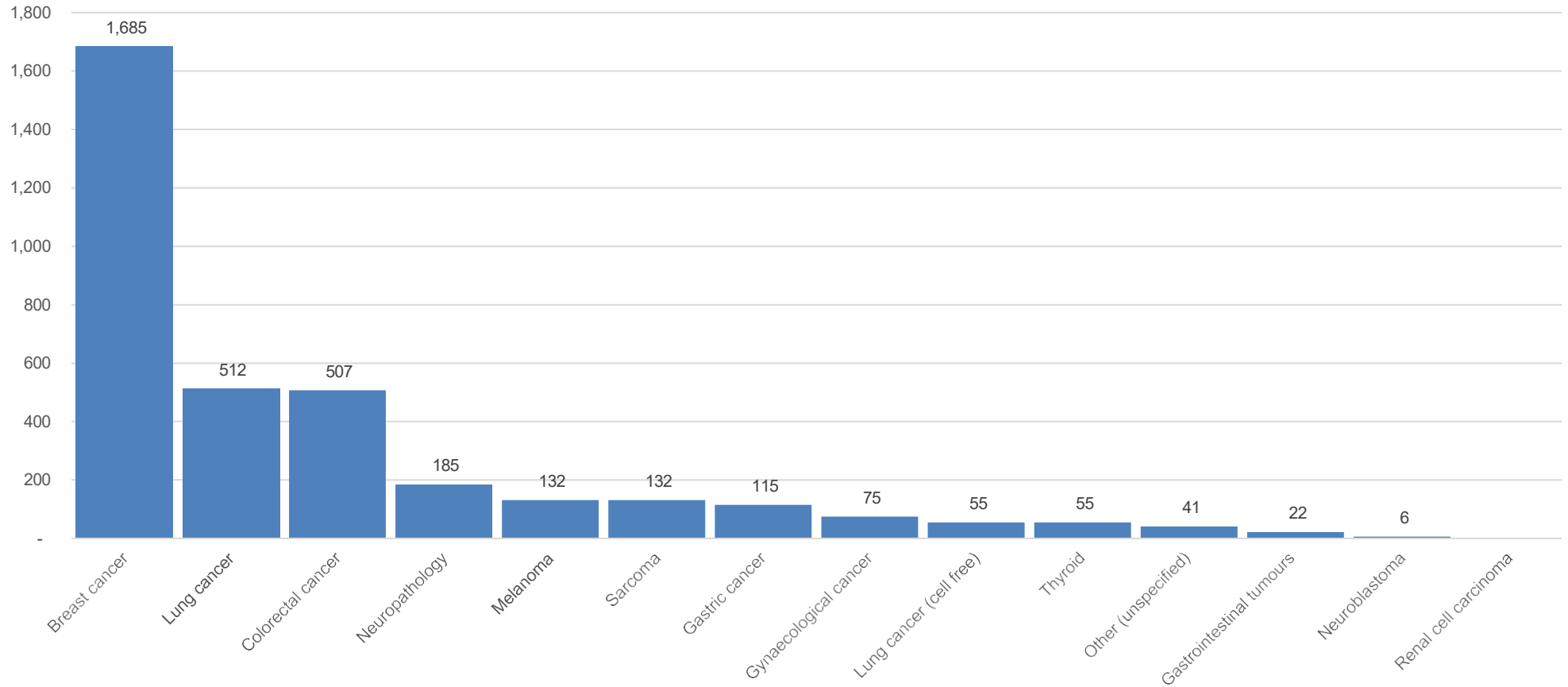
Edinburgh Somatic Testing 2019 – 2020 Samples In

NHS Lothian Somatic Testing 2019 -2020 Samples In

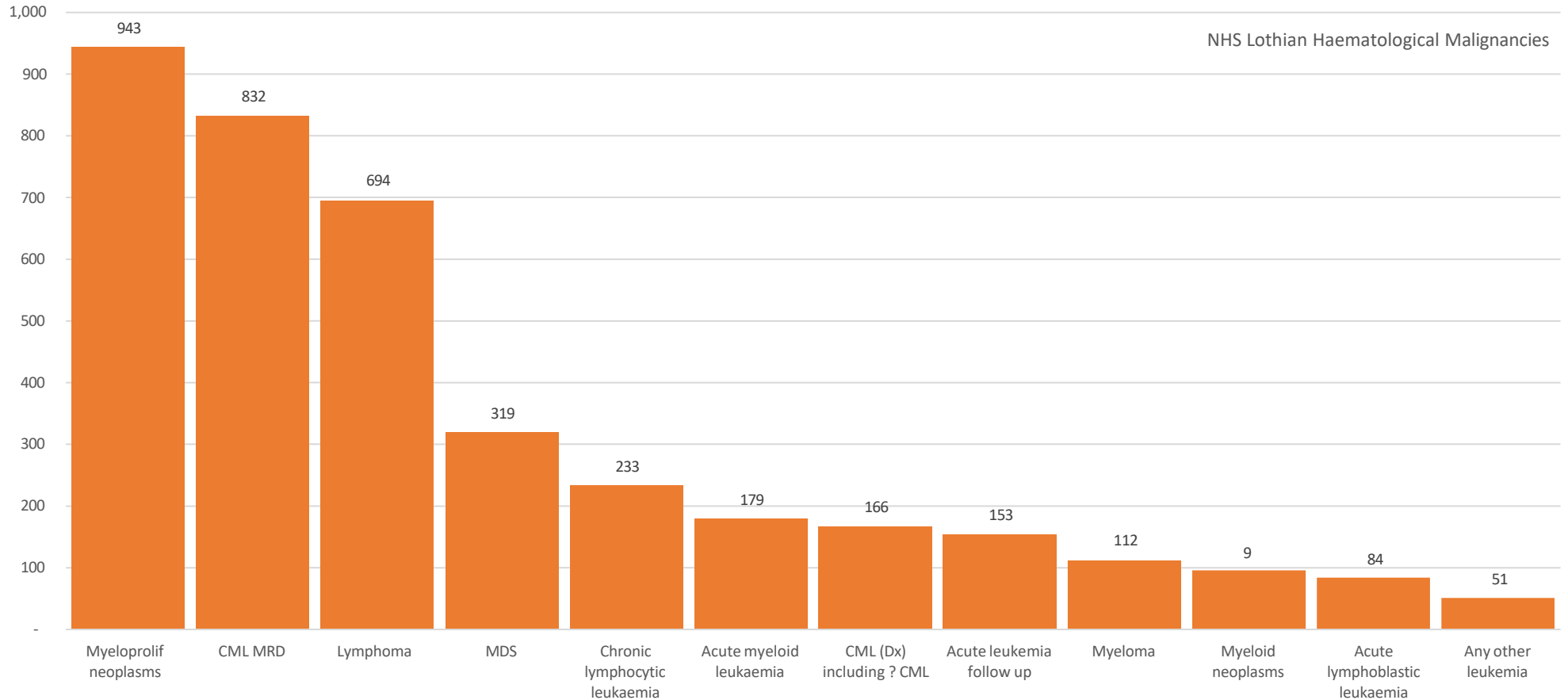


Edinburgh Samples Received Solid Tumour 2019 - 2020

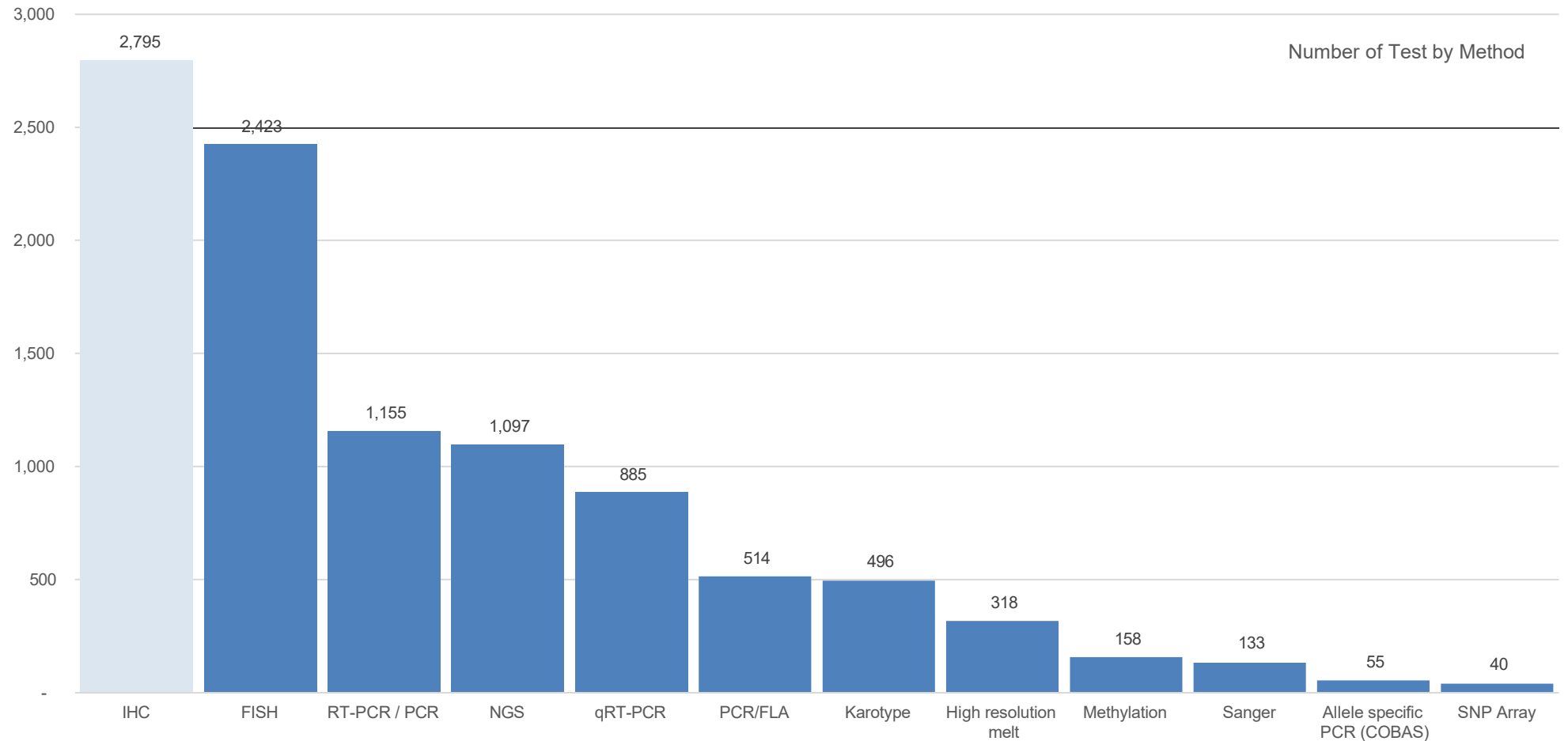
NHS Lothian Solid Tumour



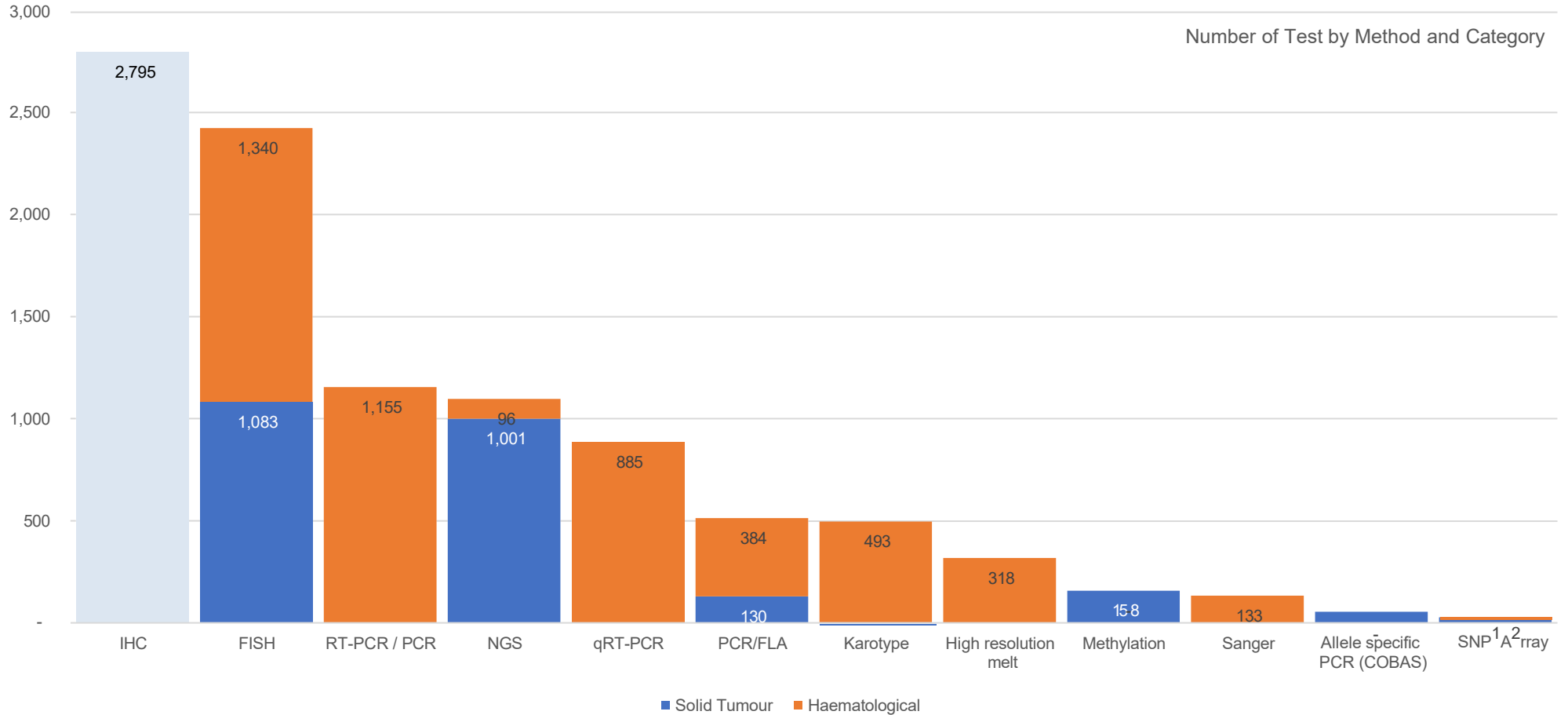
Edinburgh Samples Received – Haematological Malignancies 2019 - 2020



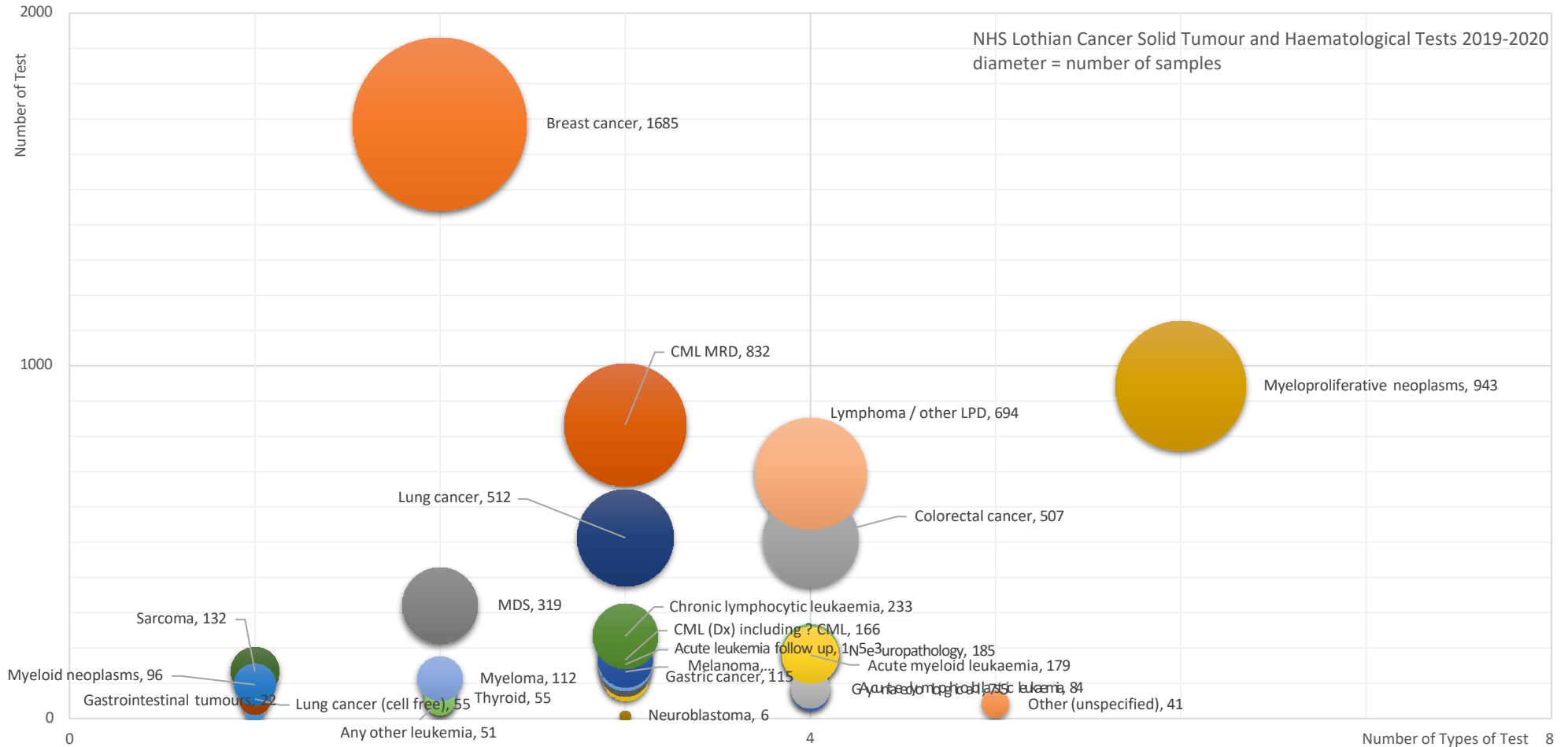
Number of Tests by Method



Number of Tests by Method – Solid Tumours and Haematological Malignancies

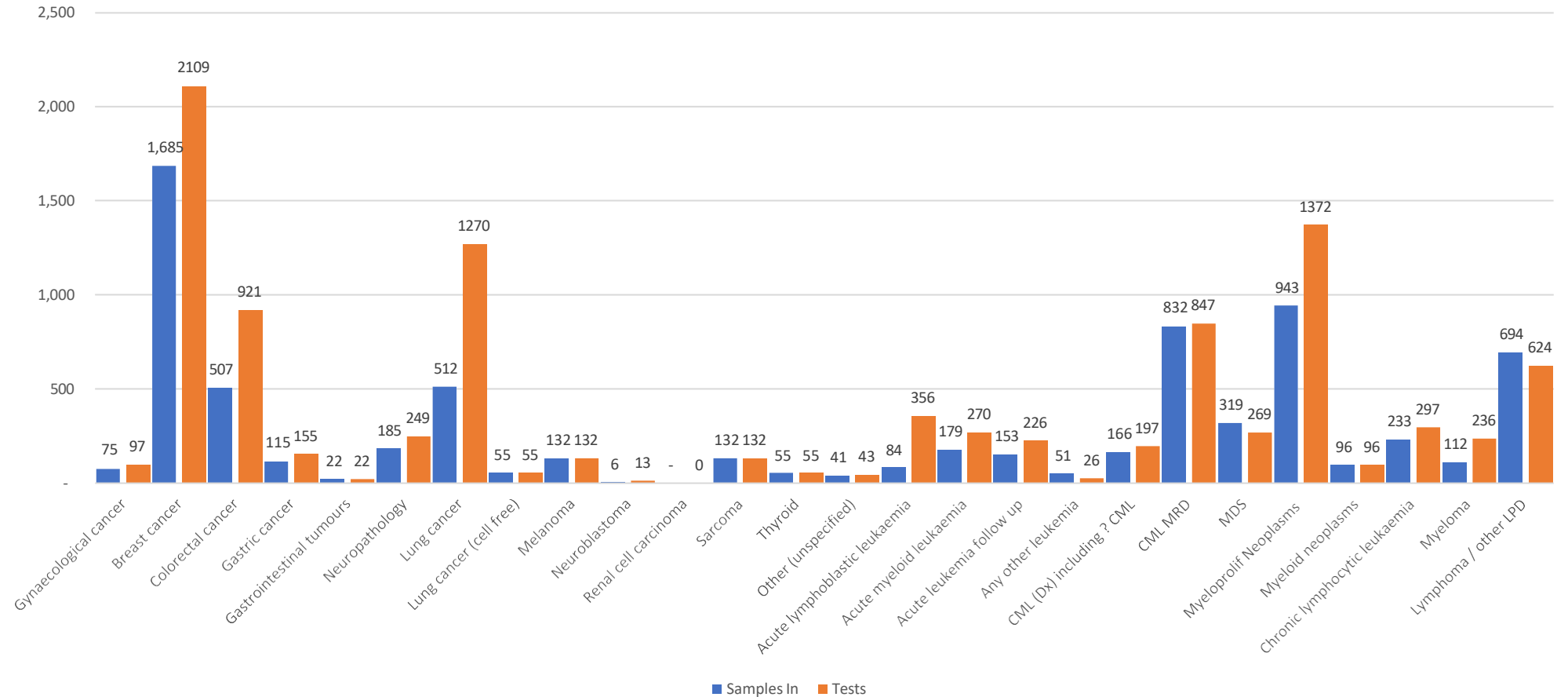


Somatic Testing – Activity for Solid Tumours and Haematological Malignancies



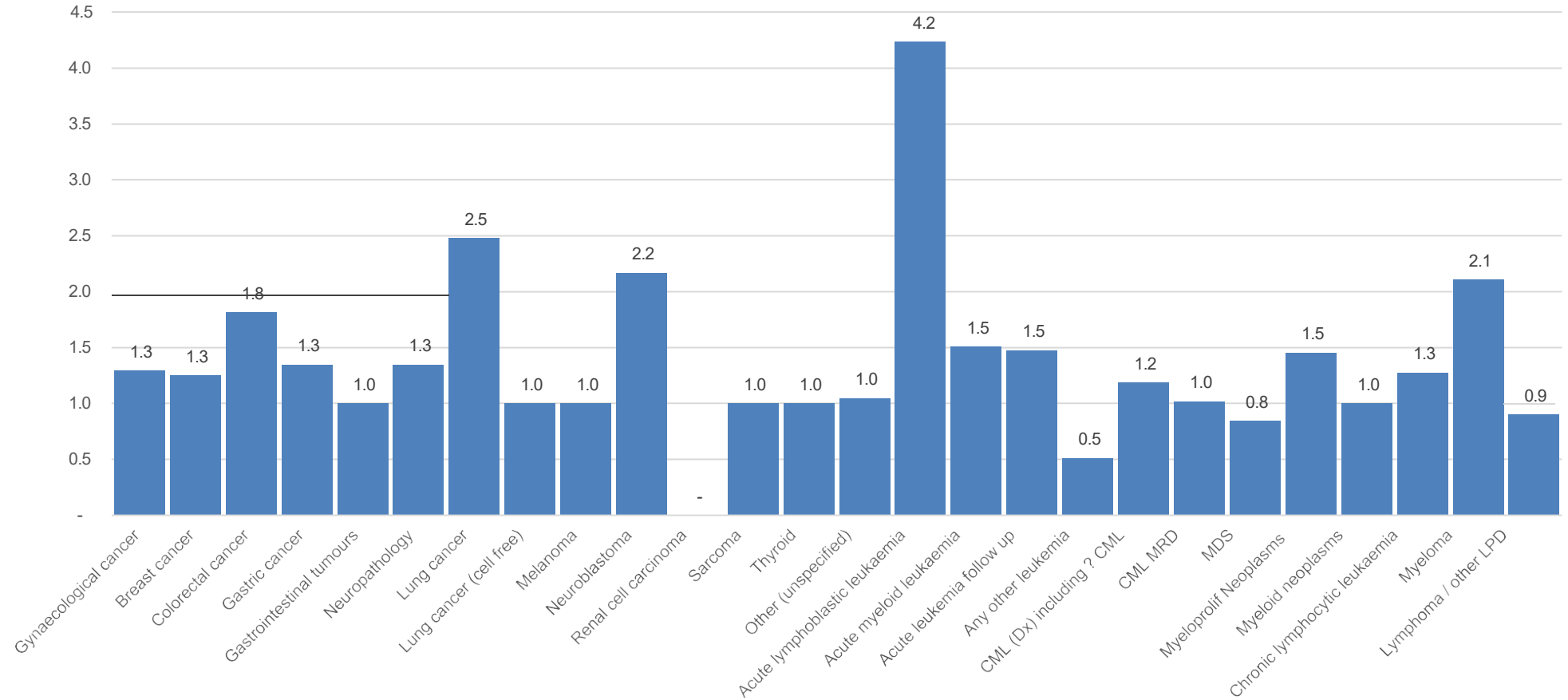
Somatic Samples In and Tests by Cancer Type

Edinburgh Somatic Samples in versus Tests Conducted



Average Number of Tests by Sample for each Cancer Type

Edinburgh Somatic Tests by Sample 2019 - 2020



Discussion

- Complexity and duration of tests is not considered at this point in the analysis,
- Analysis does not consider resources or equipment required to meet demand,
- There are clear and distinct patterns in the data related to the “volume” of activity,
- Not to confuse high volume of samples with relatively few tests and low volumes of samples with higher numbers of test and complexity,
- Workload should be considered as a function of the number of samples, tests and reports which can all be quantified,
- TATs not analysed at this point,
- Explore explicit link to Outcomes for Patients for different Categories and Types.