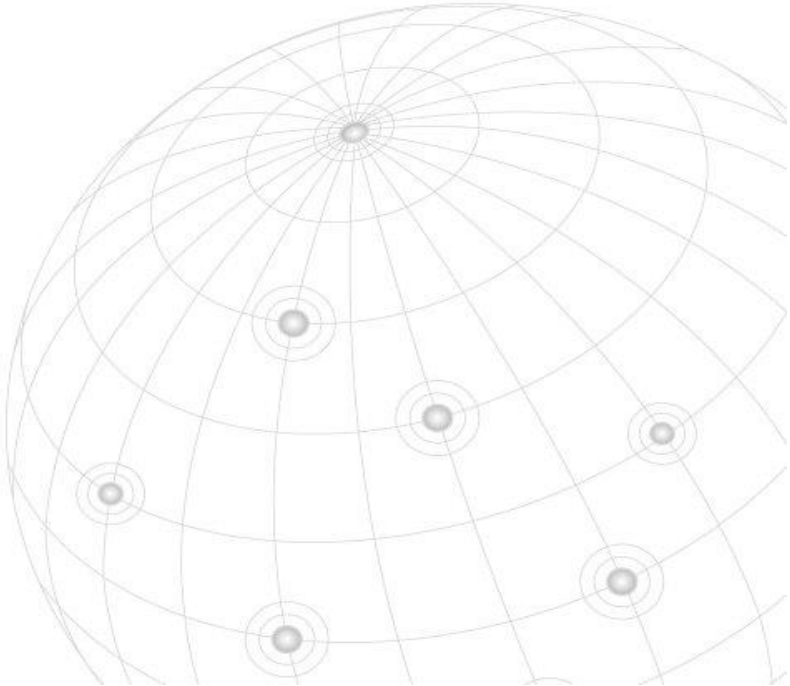
National Services Division

Glasgow Somatic Cancer Testing

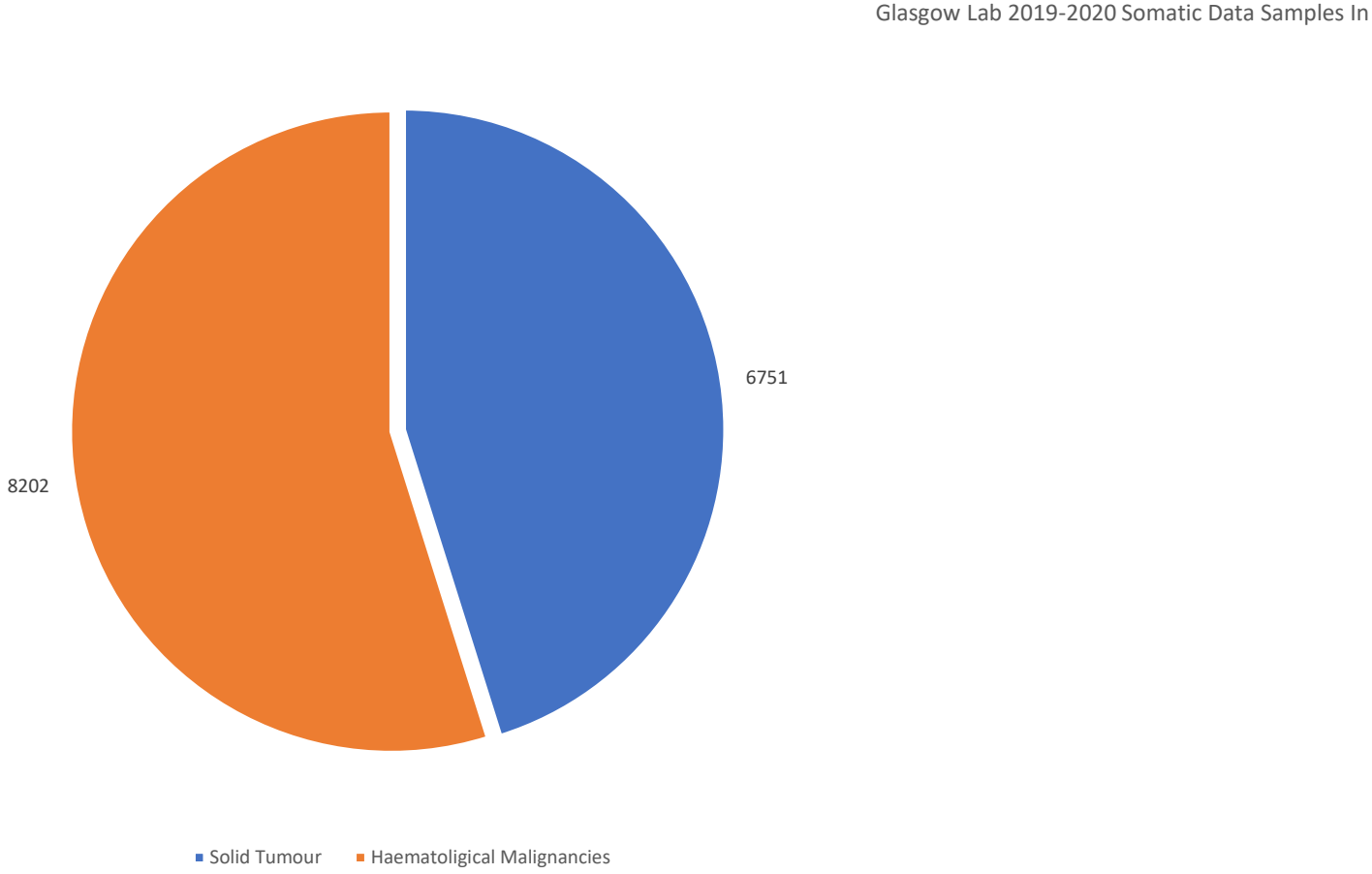
22 October 2021



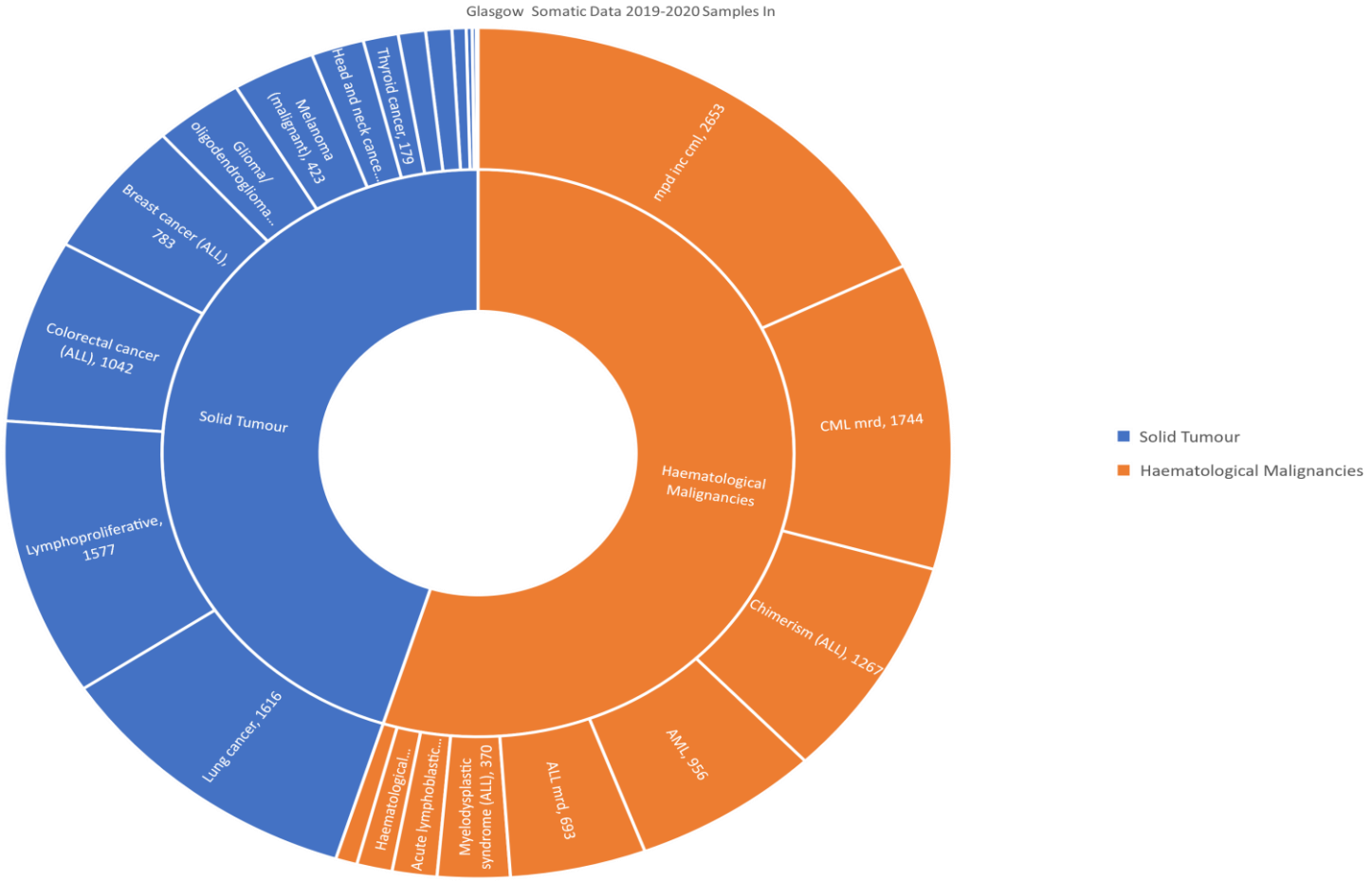
Discussion

- Analysis based on Glasgow 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.

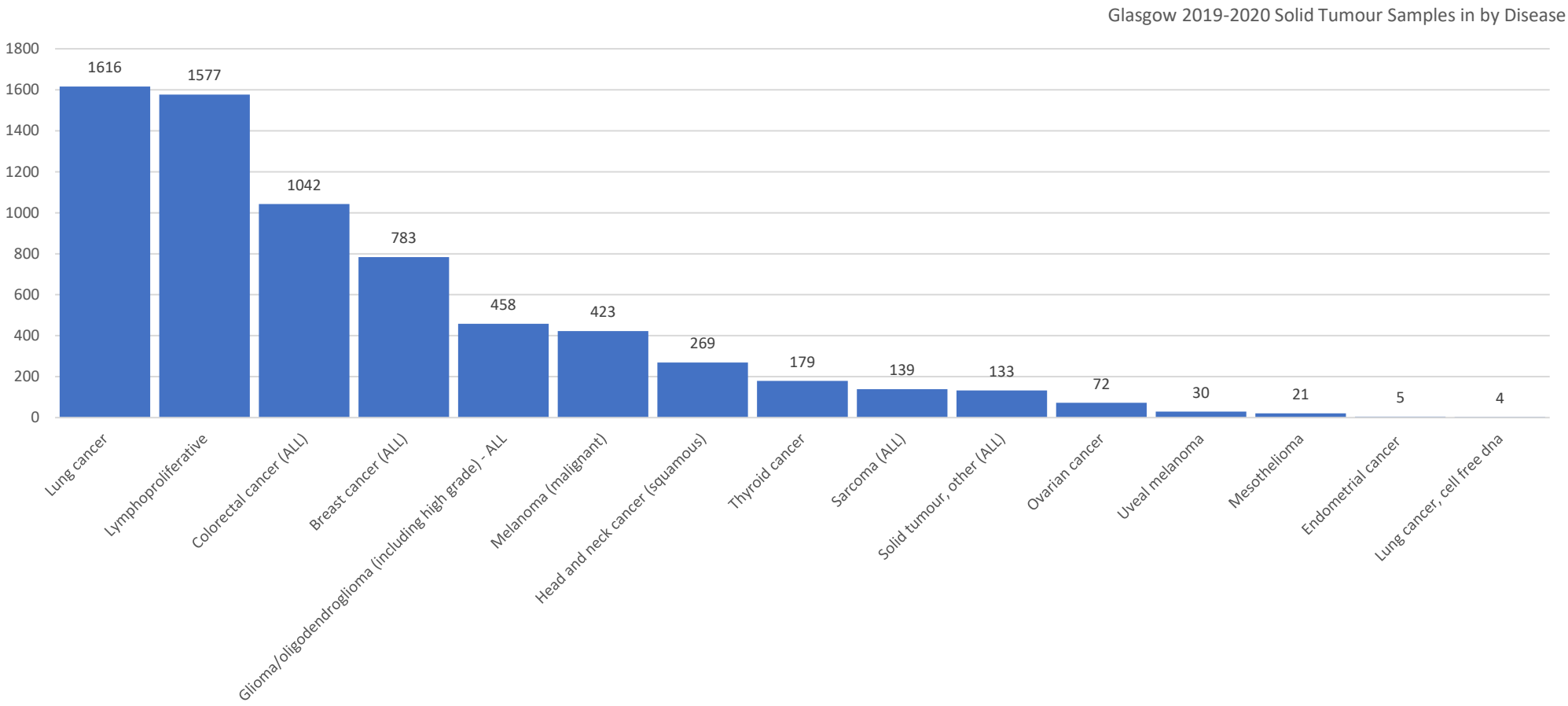
Glasgow Lab Somatic Testing 2019 – 2020 Samples In



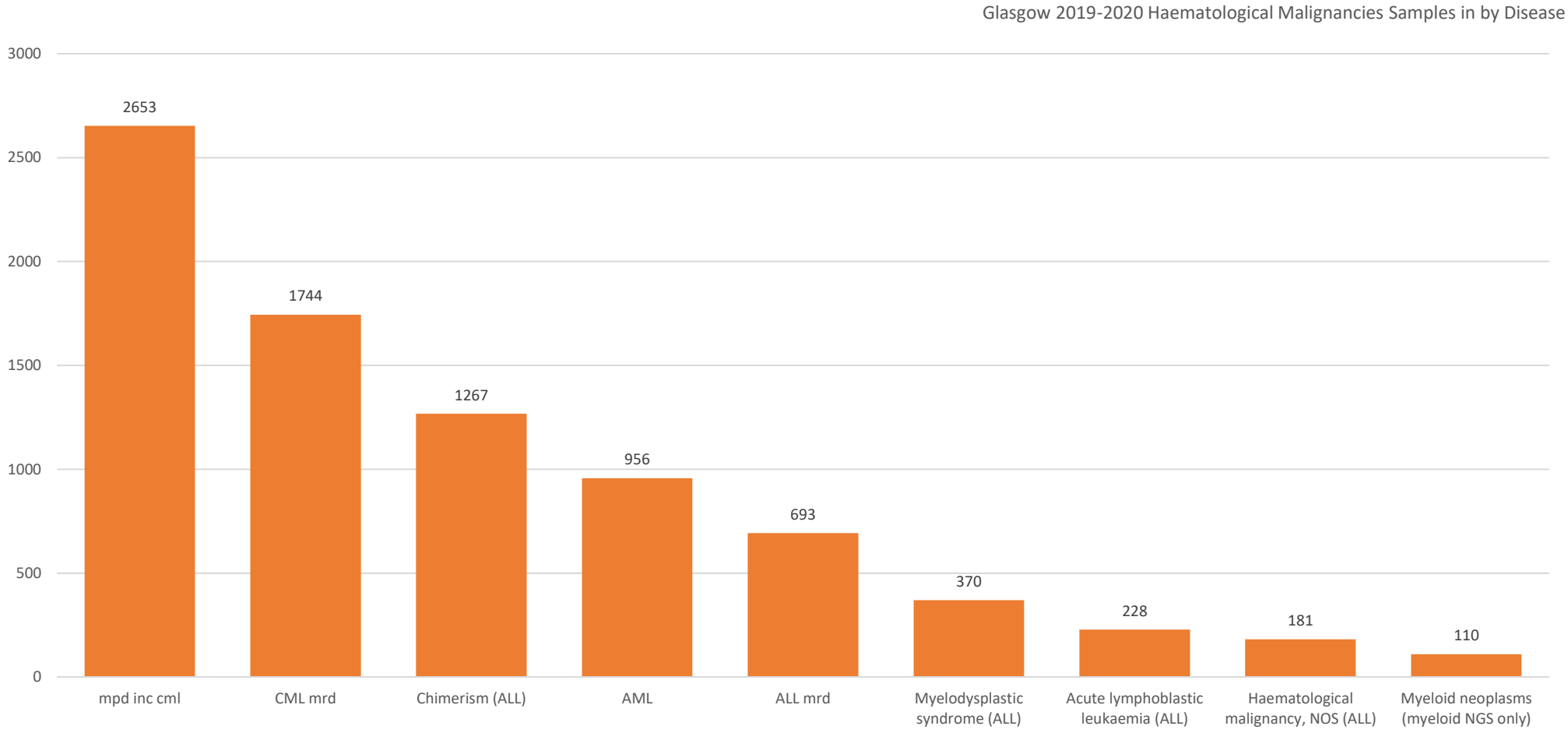
Glasgow Lab Somatic Testing 2019 – 2020 Samples In



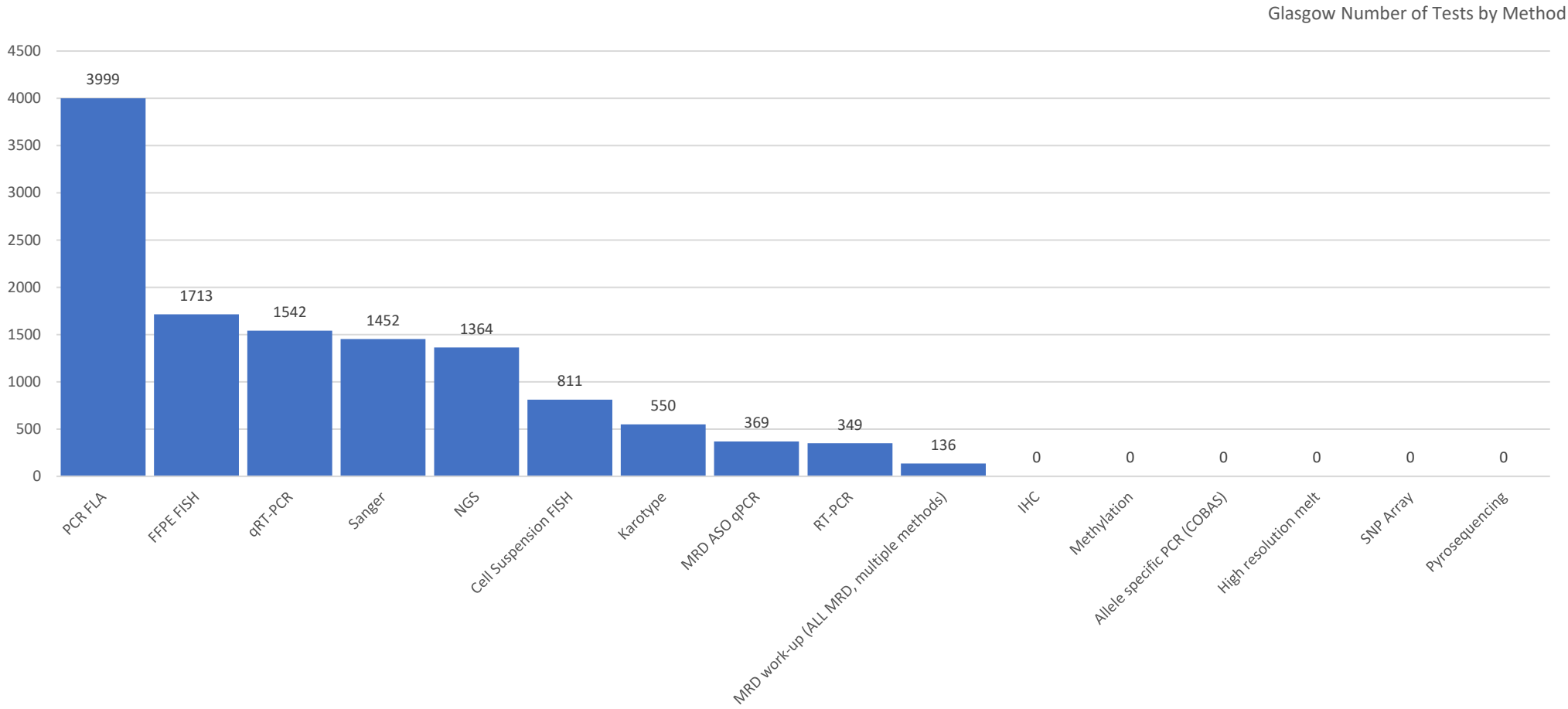
Glasgow Samples Received Solid Tumour 2019 - 2020



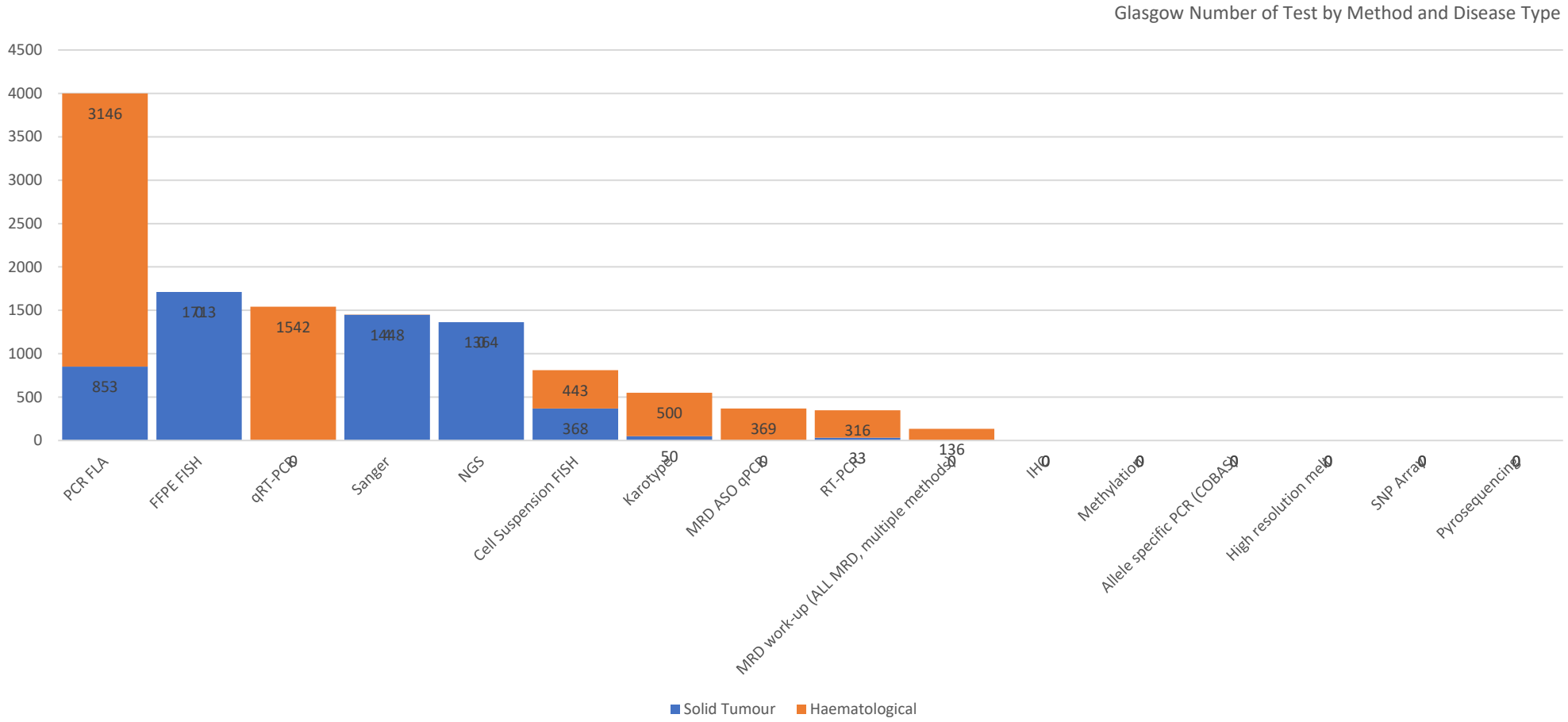
Glasgow Samples Received – Haematological Malignancies 2019 - 2020



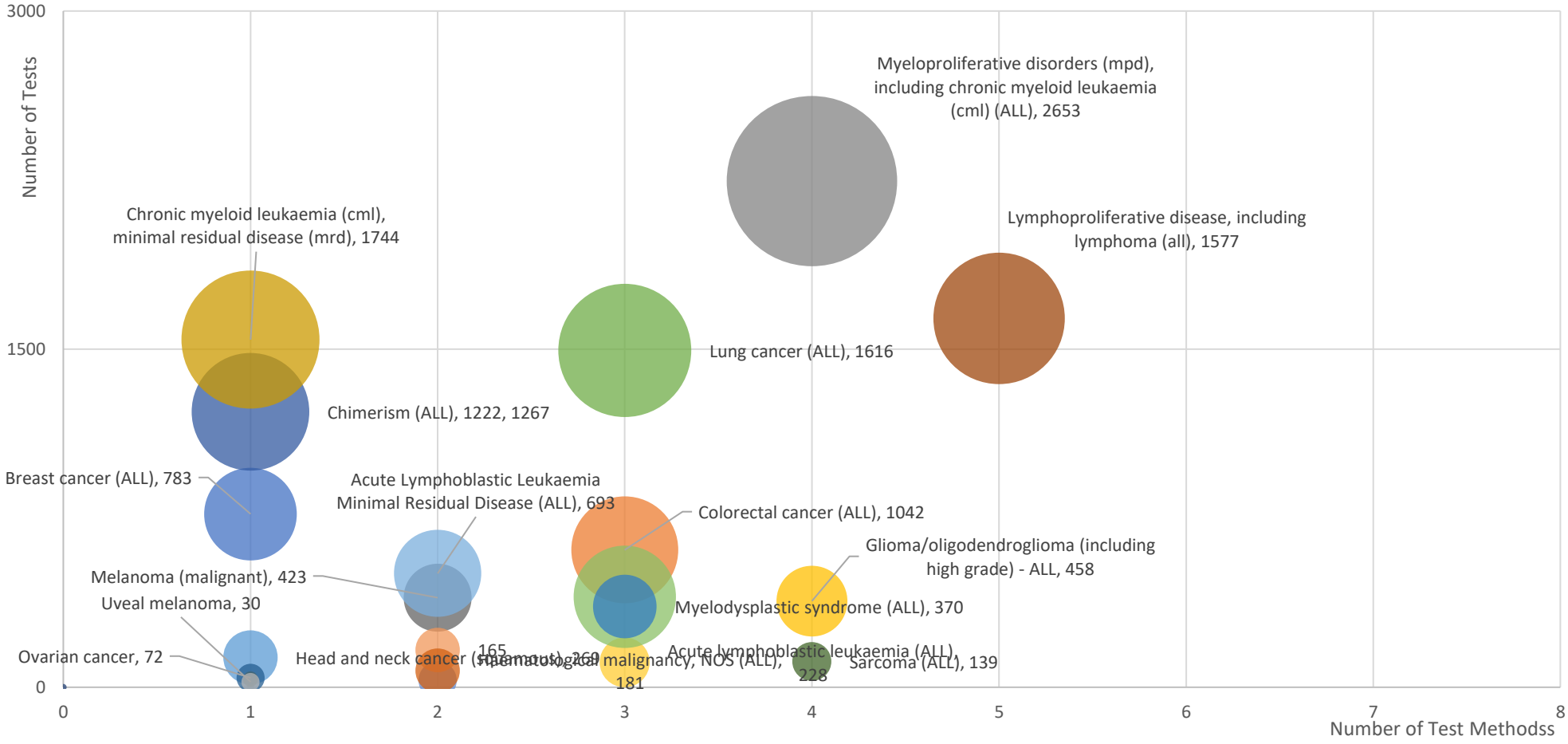
Glasgow Number of Tests by Method



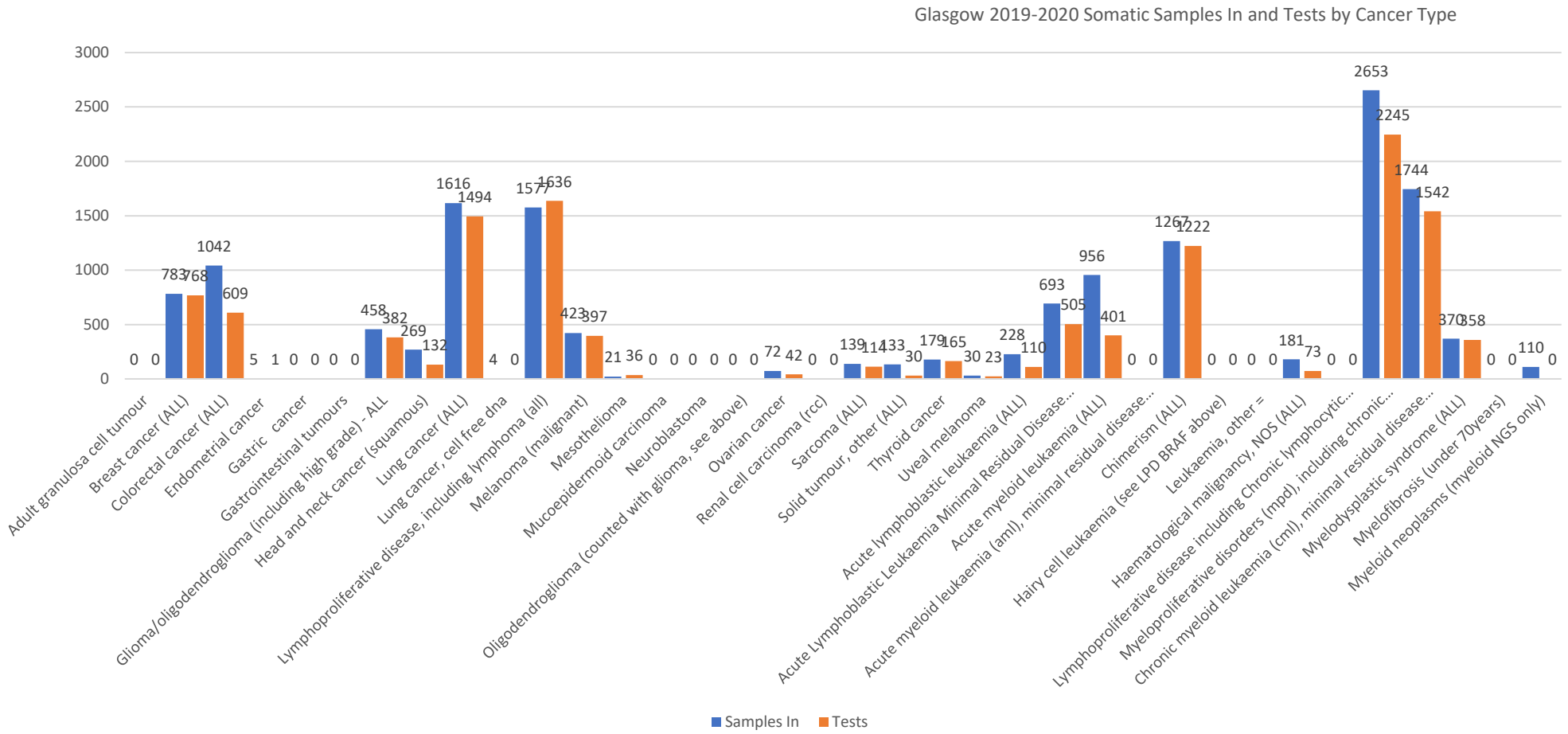
Glasgow Number of Tests by Method – Solid Tumours and Haematological Malignancies



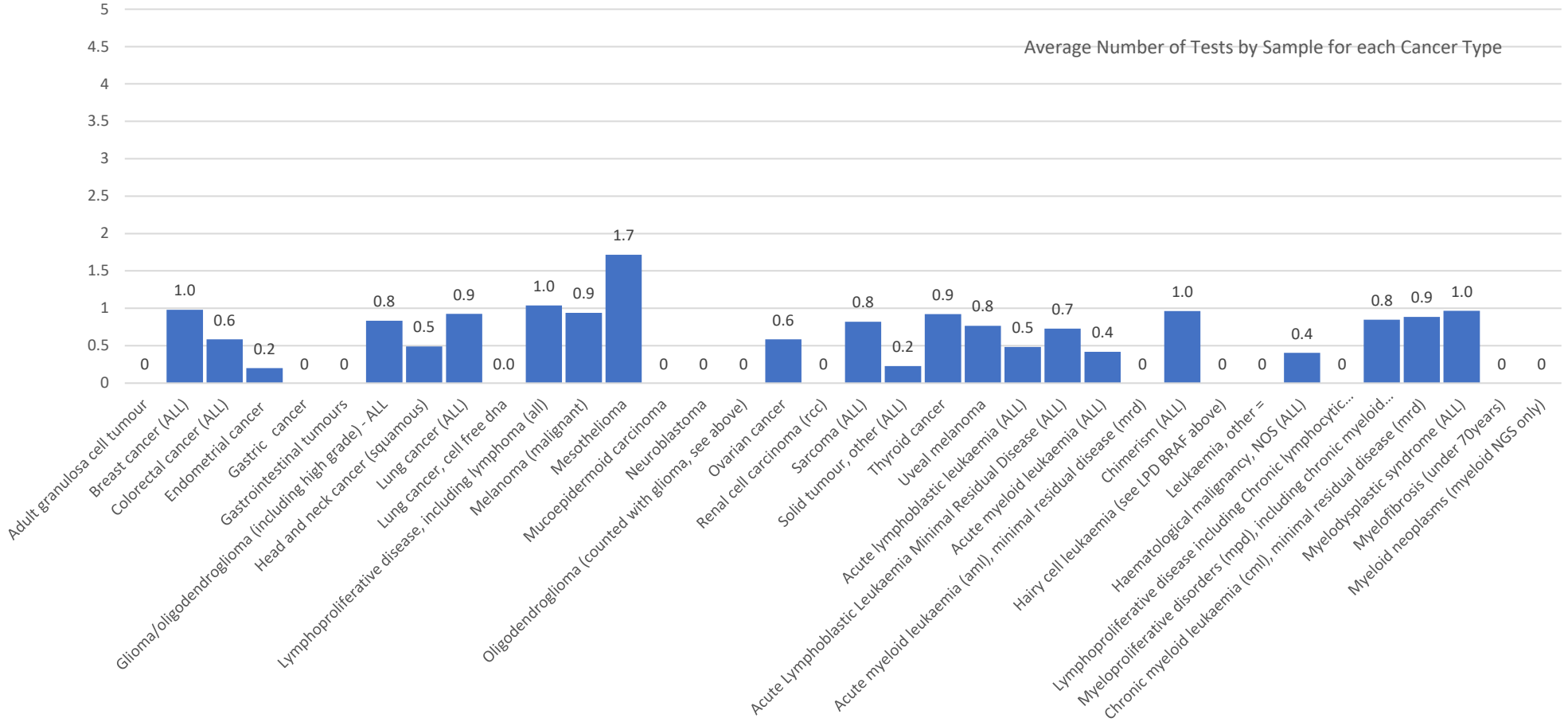
Glasgow Somatic Testing – Workload for Solid Tumours and Haematological Malignancies



Glasgow 2019-2020 Somatic Samples In and Tests by Cancer Type



Glasgow Average Number of Tests by Sample for each Cancer Type



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.