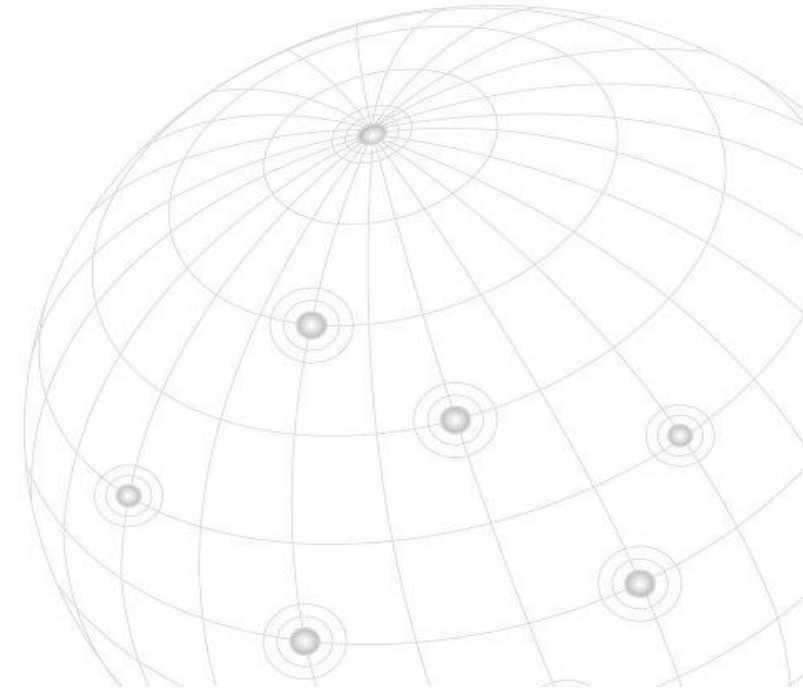




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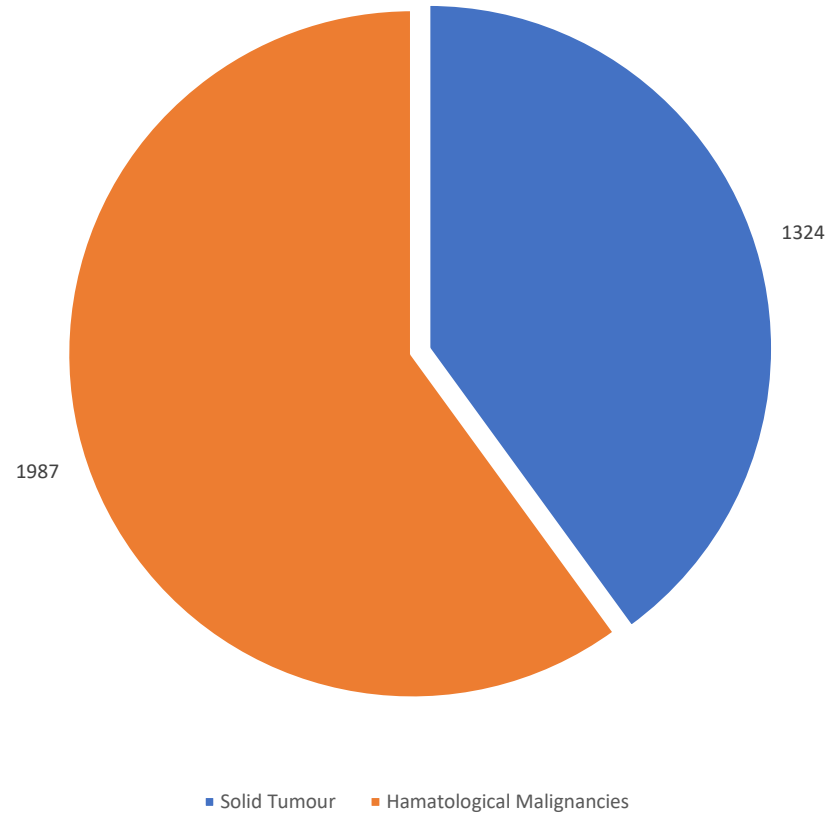


# Discussion

- Analysis based on Aberdeen 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.

# Aberdeen Lab Somatic Testing 2019 – 2020 Samples In

Aberdeen 2019-2020 Somatic Data

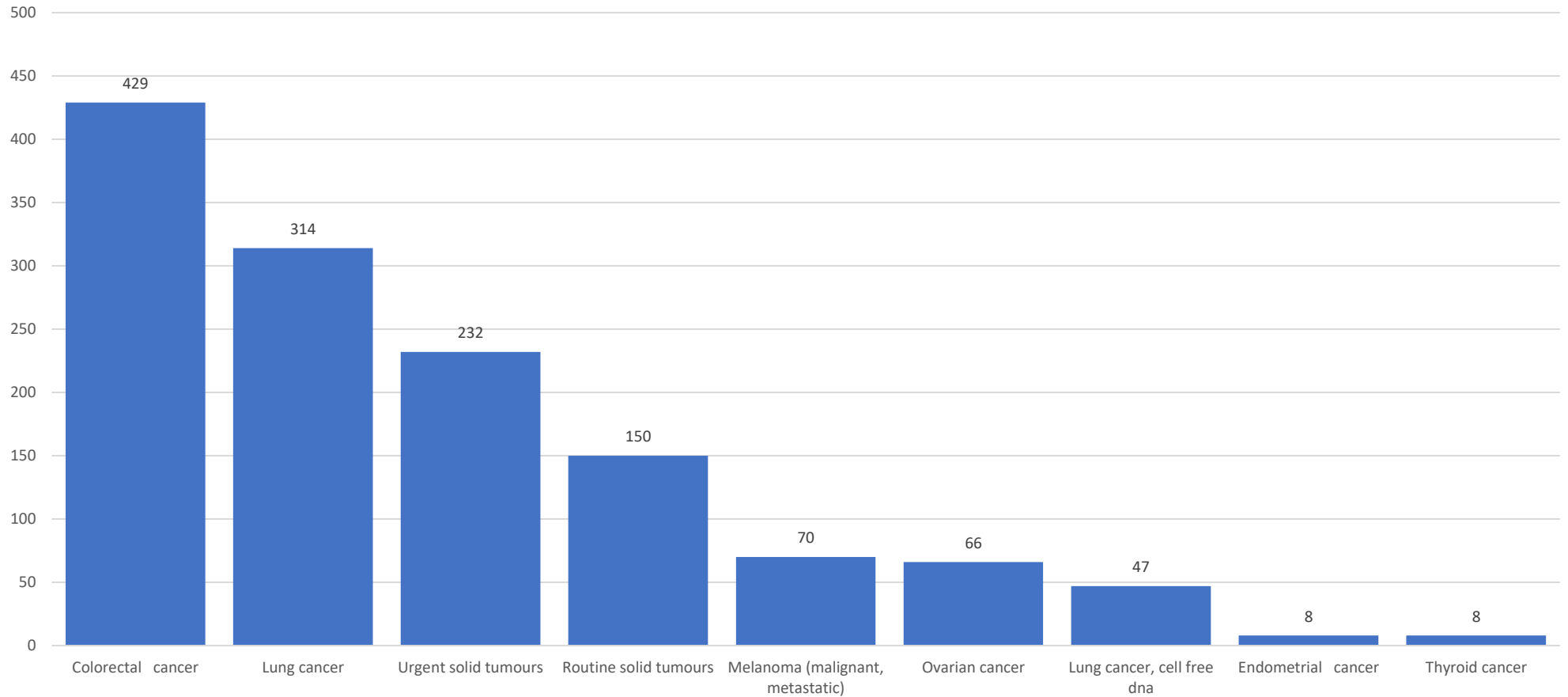


# Aberdeen Lab Somatic Testing 2019 – 2020 Samples In



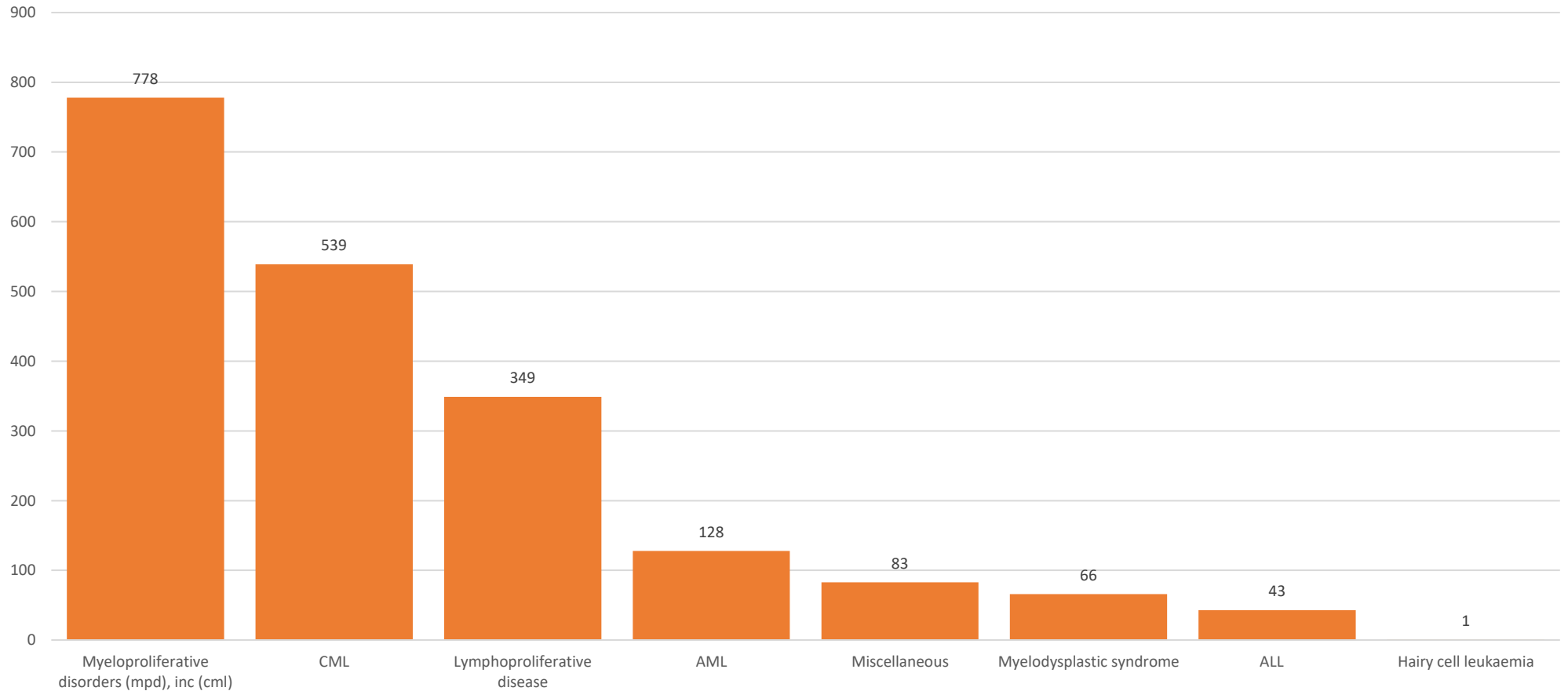
# Aberdeen Samples Received Solid Tumour 2019 - 2020

Aberdeen Solid Tumour Samples In by Disease



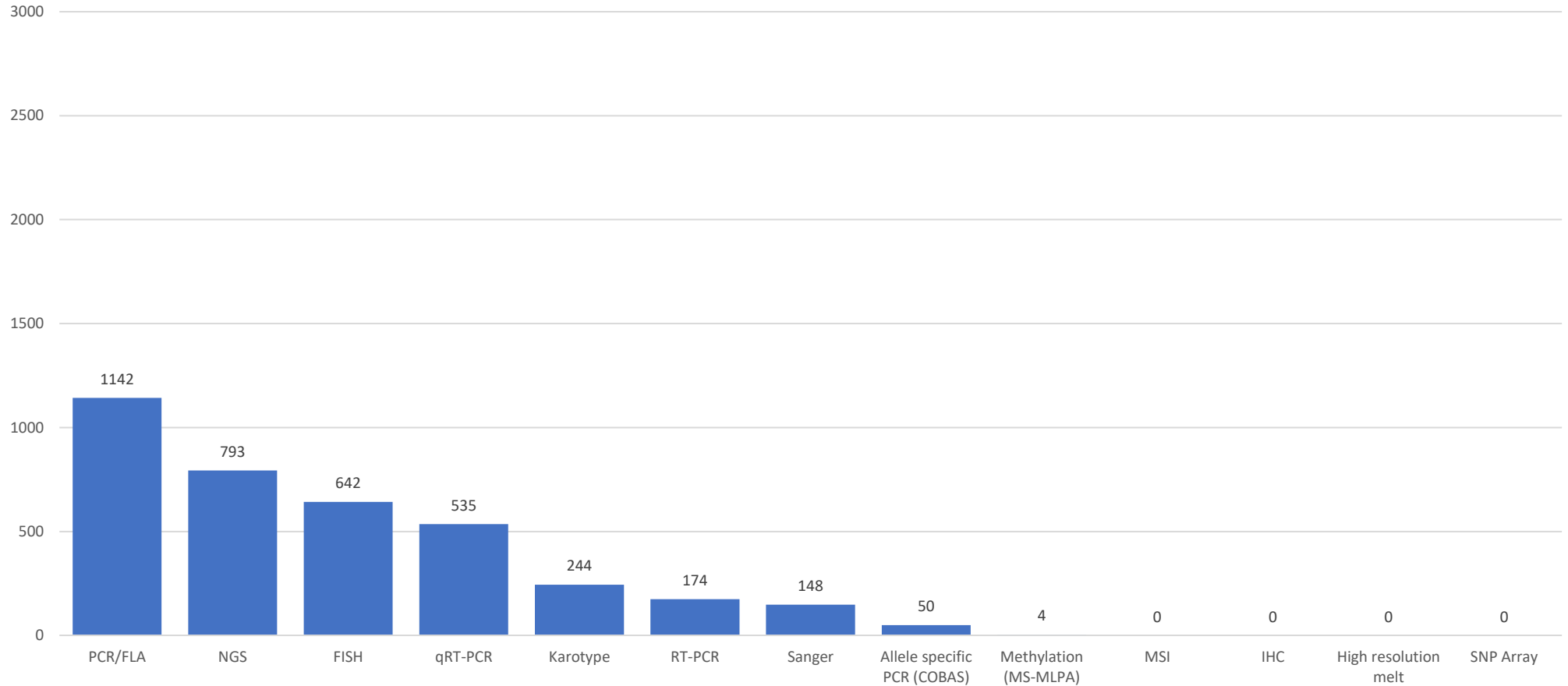
# Aberdeen Samples Received – Haematological Malignancies 2019 - 2020

NHS Lothian Haematological Malignancies Sample In by Disease



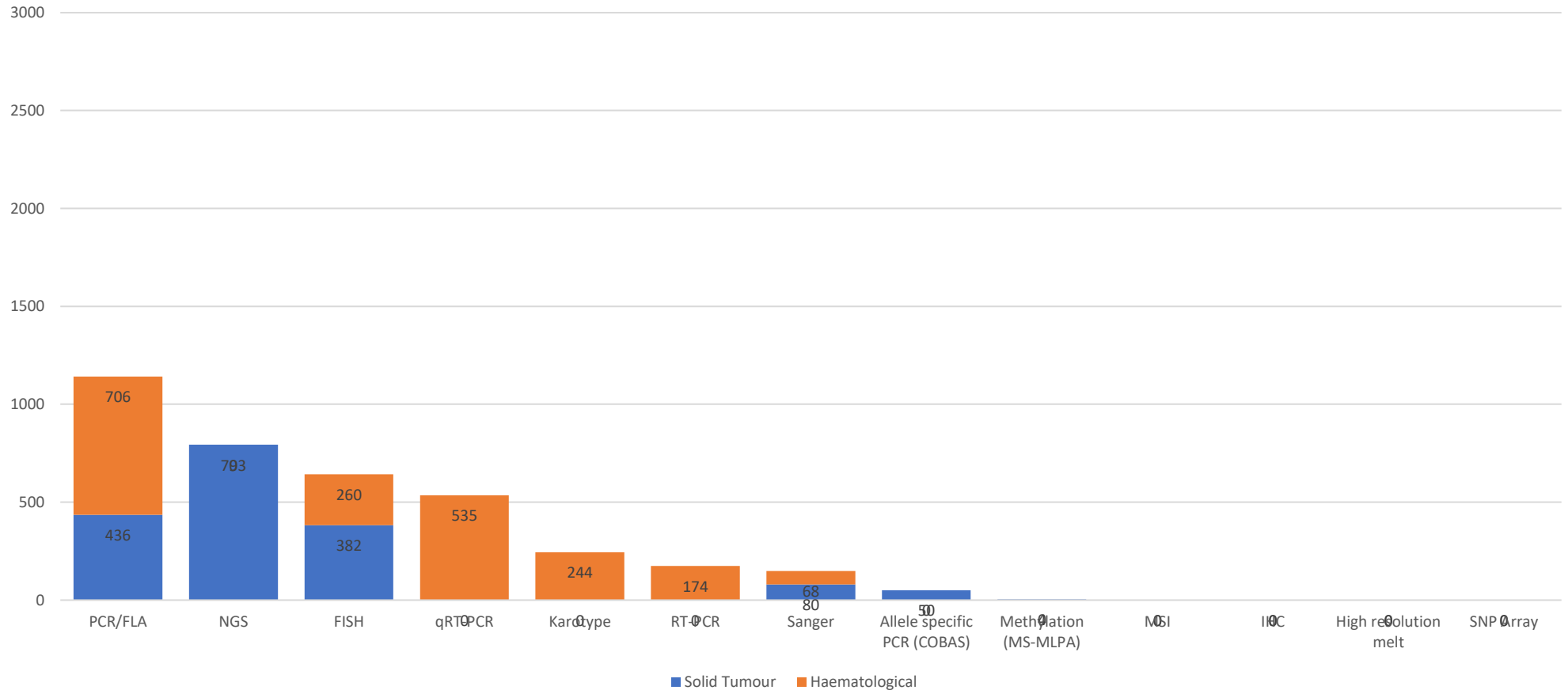
# Aberdeen Number of Tests by Method

Aberdeen Number of Tests by Test Method



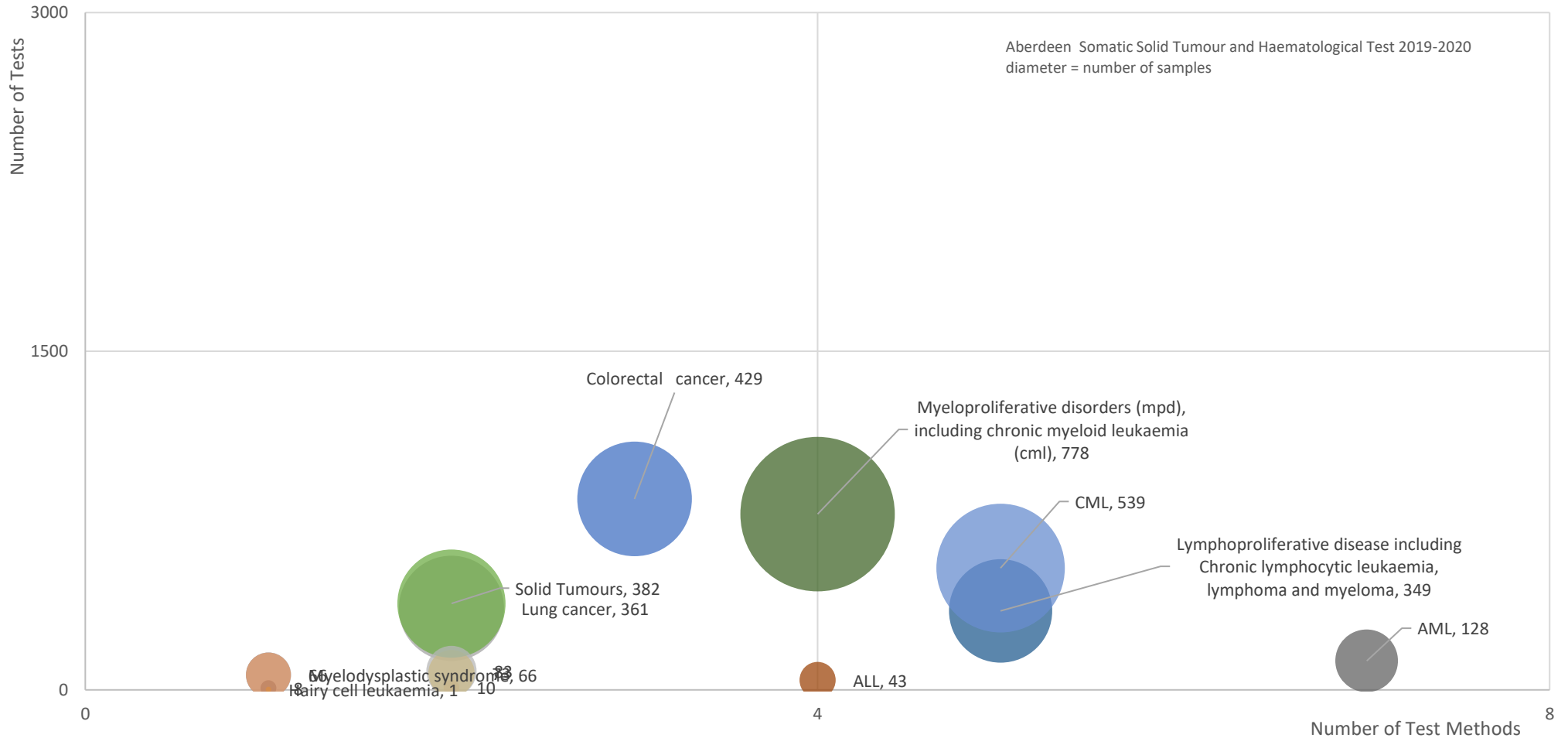
# Aberdeen Number of Tests by Method – Solid Tumours and Haematological Malignancies

Aberdeen Number of Somatic Tests by Test Method



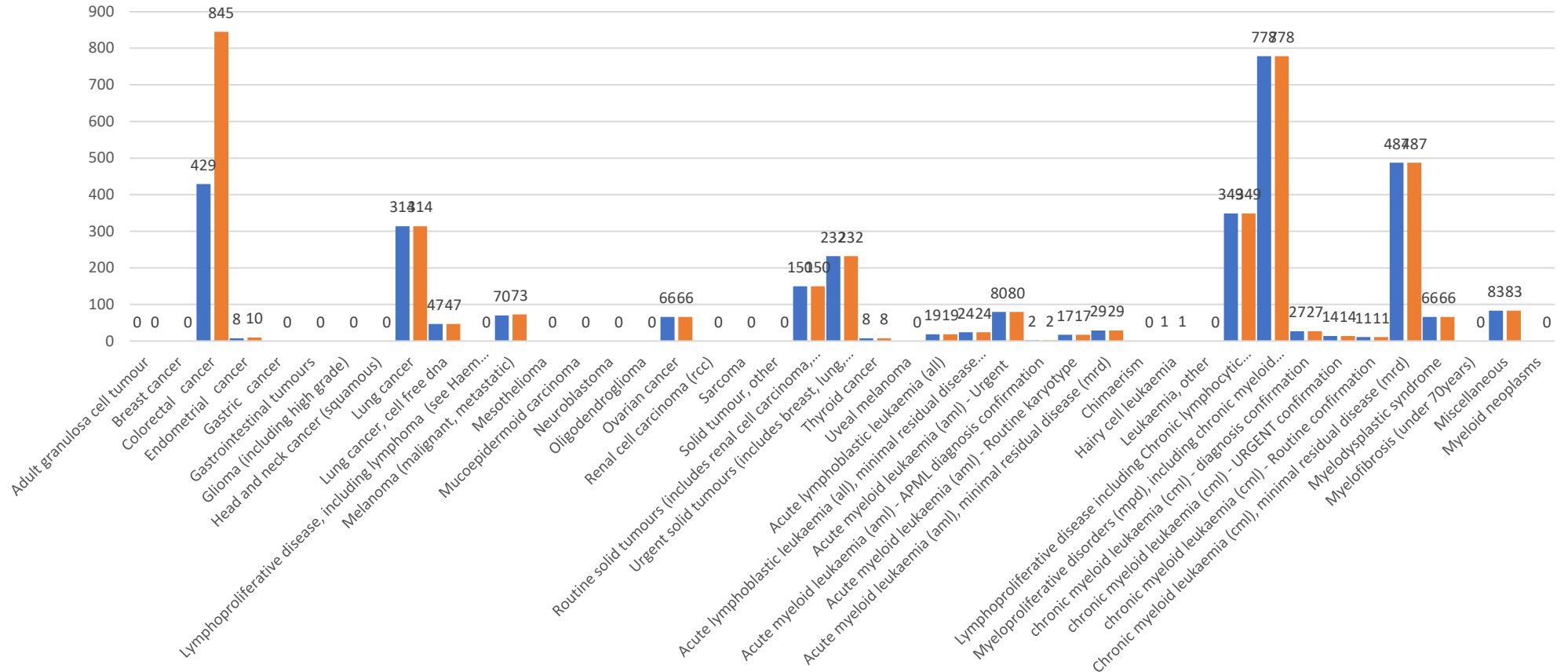


# Aberdeen Somatic Testing – Activity for Solid Tumours and Haematological Malignancies



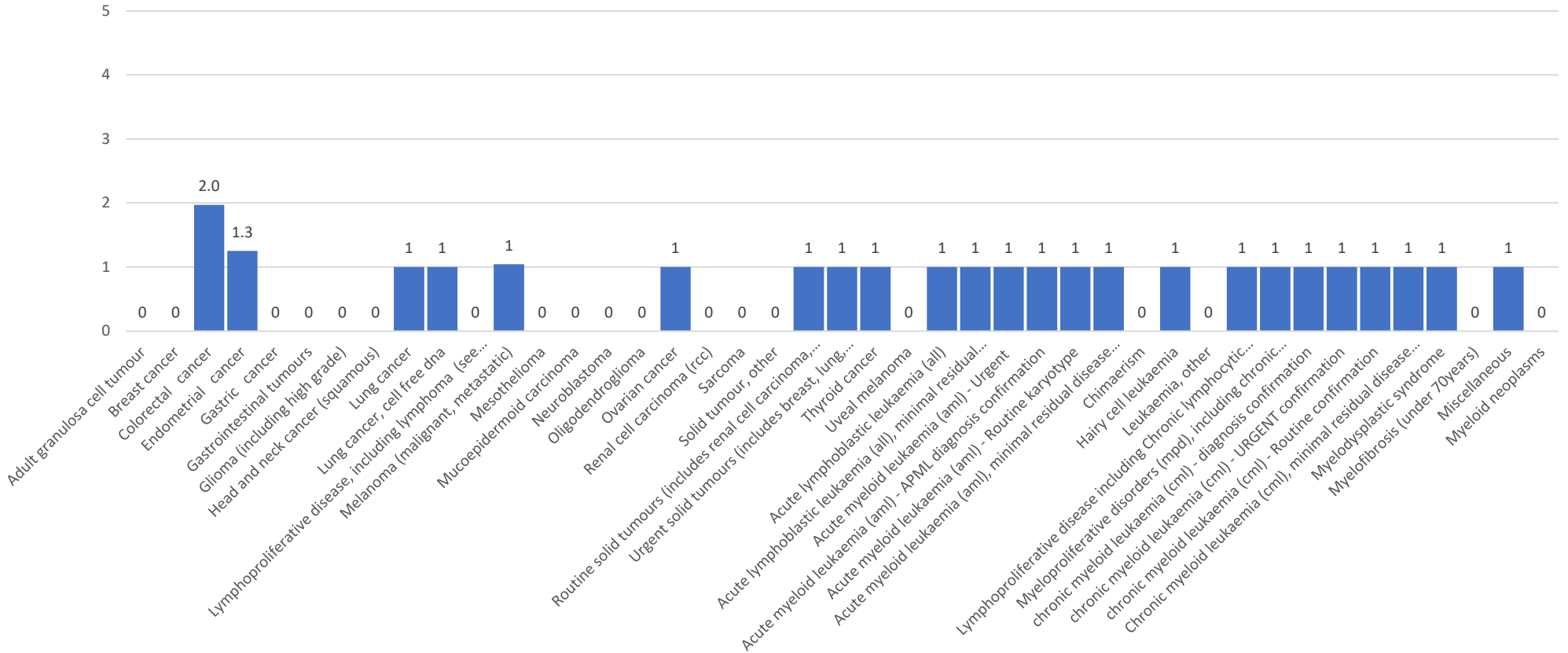
# Aberdeen 2019-2020 Somatic Samples In and Tests by Cancer Type

Aberdeen 2019-2020 Somatic Cancer Samples In and Test by Cancer Type



# Aberdeen Average Number of Tests by Sample for each Cancer Type

Aberdeen 2019-2020 Somatic Average Number of Test 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.