

Analysing Sculling Series/SBH Data

Richard Mortimer

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The sculling series provides a large quantity of data where the performance of a number of crews can be analysed over a number of weeks. We are embarking on a quest to analyse this data to help inform the organisation/structure of future years events. This is currently at an early stage and there are lots of variables to examine. This report gives a brief taste of what is planned.

Briefly we would like to find answers to the following questions:

- Can we use the new points system to help produce the crew starting order for each event.
- Is there enough consistency between the results of one weeks race and the next to allow us to use the results to inform the startorder of the next. There is a general desire to reward consistent performance at the series.
- Can we tune the victor ludorum rules to better balance overall performance, consistent performance and number of entries in each boat size/discipline.

As a side goal the aim is to learn more about the likely points distributions of crews that will be entering our regional events. This will be a rapidly evolving situation at present but competitions do need to make initial guestimates to allow them to successfully plan for events in the 2018 competition season.

Overall Finish Position vs Points

As a sample of the data available and analysis planned we show charts for each event in the series with finish position plotted against the points total of crews.

In general crews with higher points totals are quicker than those with lower totals. However there is so much difference in speed between crews with similar points that we could not order the whole starting list in decreasing points order. This is not surprising because a high pointed single sculler will not be as quick as a high pointed quad and slower, low pointed, quads are likely to be quicker than a single sculler. We hope there will be more usable information as we dive down deeper into the data.

