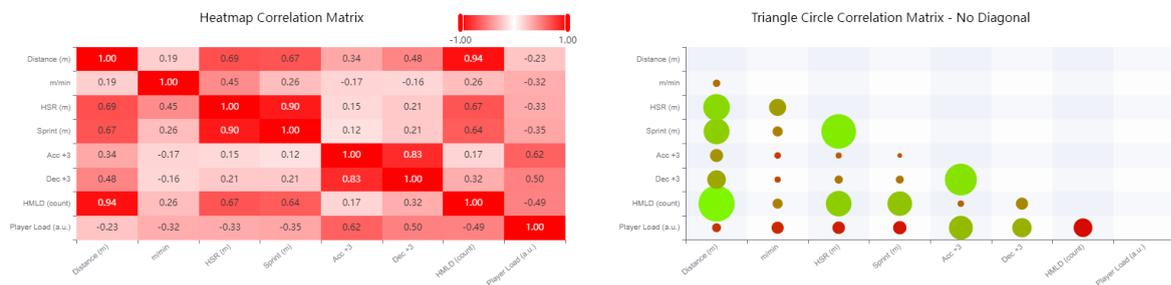


WIMU CLOUD NEW UPDATE 20/07/2022

This patch fixes minor bugs and implements novelties to improve the performance of the dashboards and the WIMU Cloud.

- **NEW WIDGET - Correlation Plot:** this new brand widget represents a correlation matrix. This matrix displays the values of the Pearson's correlation matrix. It is a measure of linear correlation between each pair of variables. The results have a value between -1 (inverse correlation) to 1 (direct correlation). Likewise, the widget is usually displayed as a Heatmap but we provide two different visualization options: Circle (color and circle size) and Heatmap (cell color). Furthermore, both graphs can be transformed into a triangle (the graph displays the bottom and the top of the matrix) and we can select to show or not the regression line of the matrix (correlation between the same variable having a value of 1 in all cases).



- **COMPARE - Operation by grouping:** we could carry out advanced calculations with the widget Grid and Chart by hiding groupings so far but now we would be able to also compare against these calculations (for example, total average, total max, etc.). Thus, we have included a label named Operation inside the comparator that allows you to select the calculation (AVG, SUM, MIN, MAX, SD) in each grouping (the second graph shows the data of the sessions).



- **GRID - Hide a grouping in two or more levels:** the previous patch featured the option to hide the second level of grouping when the table had two levels. This new patch implements the option to hide as many groupings as desired but following only one condition. If we hide the second grouping, the following groupings will be automatically hidden too.

HIDE 3rd y 4th GROUPING		
Years → Week Calendar → Sessions → Players	Distance (m)	HMLD (m)
2021	22.052,17	3.310,81
1	7.320,2	1.847,69
2	7.966,11	2.030,24
10	37.018,37	4.586,46
11	26.137,94	3.934,25
12	37.570,6	5.982,77
13	16.299,8	1.483,43

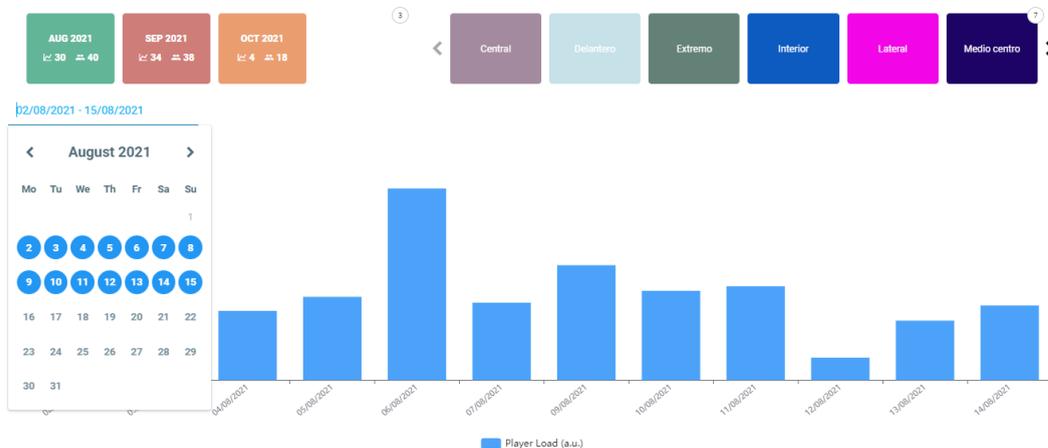
- **CHART - Selection tool to filter widgets:** the widget Chart features different tools to carry out different types of selections (horizontally, vertically, etc.). These tools highlight the values of the groupings selected but this patch improves the selection tools and now they can be used to filter other widgets that are dependent on the widget Chart.



- **FILTER - Improve the usage of the option color of attributes:** when creating a new text attribute there is an option to set a color to each value. Now, these colors are displayed in the dashboards by using the widget Filter.



- **FILTER - New option: date range:** the new update brings another option to create a filter: date range. We are able to carry out customized time selections in a dashboard (this option was available just in the Dashboard configuration in the previous patch).



- **CONFIG DASHBOARD - Hide attributes created by WIMU:** before this patch, we could display just the attributes created by the user (this option was found in the label Attributes). From now on, we can also hide these attributes in dashboards by disabling or enabling this option on the configuration of the dashboard.

