SleepWorks comparison report – events comparison table

The Scoring Comparison Report provides information to compare two sets of sleep scores. This guide will assist the user in understanding the **Events Comparison Table**.

A general rule when reading this and other tables in the comparison report is that the rows correspond to the scores of the username displayed on the left and the columns correspond to the scores of the username displayed along the top of the table (see Figure 1).

Tech One's Events are displayed in **rows**.

Tech Two's Events are displayed in **columns**.

		-Not Marked-	Arousal	Artifact	Bruxism	Limb Movement	Obstructive Hypopnea	Oxygen Desaturation	Snoring	Tachycardia
	-Not Marked-	0	47	0	1	20	0	13	0	2
	Arousal	46	18	0	0	4	0	1	0	0
	Artifact	19	3	0	0	3	0	0	0	0
	Bruxism	0	0	0	0	0	0	0	0	0
	Limb Movement	0	0	0	0	0	0	0	0	0
	Obstructive Hypopnea	2	0	0	0	0	0	0	0	0
	Oxygen Desaturation	0	0	0	0	0	0	1	0	0
	Snoring	1	0	0	0	0	0	0	0	0
	Tachycardia	0	0	0	0	0	0	0	0	0

Figure 1 – Example events comparison table

Referring to **Figure 1** above, assess the oxygen desaturation events for "Tech One":

Follow the **Oxygen Desaturation** row along from left to right. The overall total of that row – in this case 1 – corresponds to the total number of oxygen desaturations scored by "Tech One".

Note that the 1 is shown in **red** where the **Oxygen Desaturation** row and the **Oxygen Desaturation** column intersect. This indicates that both techs marked that one oxygen desaturation event – they are in agreement about this event.

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Tech One Events \ Tech Two Events	-Not Marked-	Arousal	Artifact	Bruxism	Limb Movement	Obstructive Hypopnea	Oxygen Desaturation	Snoring	Tachycardia
-Not Marked-	0	47	0	1	20	0	13	0	2
Arousal	46	18	0	0	4	0	1	0	0
Artifact	19	3	0	0	3	0	0	0	0
Bruxism	0	0	0	0	0	0	0	0	0
Limb Movement	0	0	0	0	0	0	0	0	0
Obstructive Hypopnea	2	0	0	0	0	0	0	0	0
Oxygen Desaturation	0	0	0	0	0	0	1	0	0
Snoring	1	0	0	0	0	0	0	0	0
Tachycardia	0	0	0	0	0	0	0	0	0

Figure 2 – Example events comparison table

In **Figure 2**, assess the **Arousal Events** for "Tech One" and compare them to "Tech Two".

- Look at the row of **Arousal Events** and note that the total of the numbers in this row (69) represents the total number of **Arousal Events** scored by "Tech One".

- Now, reading from left to right across the row note that the number 46 appears in the **Arousal** row in the column **– Not Marked –**. This number indicates that of the overall (69) arousals marked by "Tech One" 46 were not marked by "Tech Two".

- Moving to the right note that the **Arousal** row and the **Arousal** column intersect each other and the number is displayed in **red**. This number (18) indicates the number of Arousals that were marked in common by both scorers (in approximately same spot in the study – events overlap or are marked within up to 2 seconds from each other).

- Further in the **Arousal** row note the number 4 in the column **Limb Movement**. This number indicates that of the total (69) arousals marked by "Tech One," 4 were marked as limb movements by "Tech Two" (i.e. "Tech Two" marked limb movement events 4 times in approximately same spots in the study when the "Tech One" marked "Arousal" events).

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