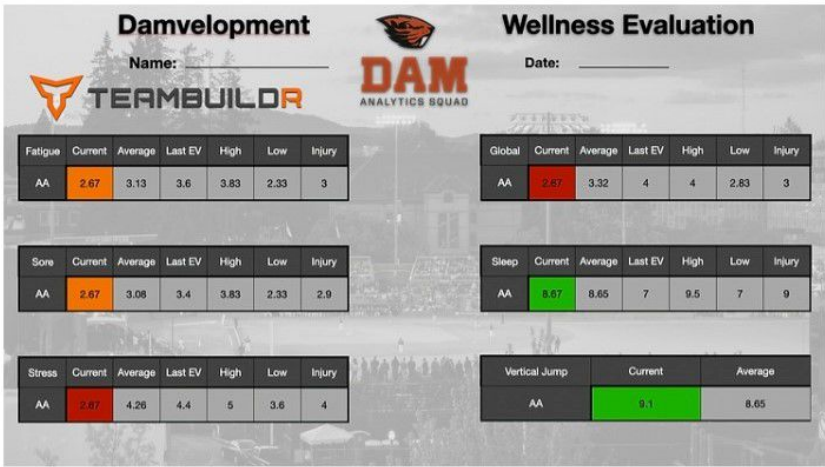
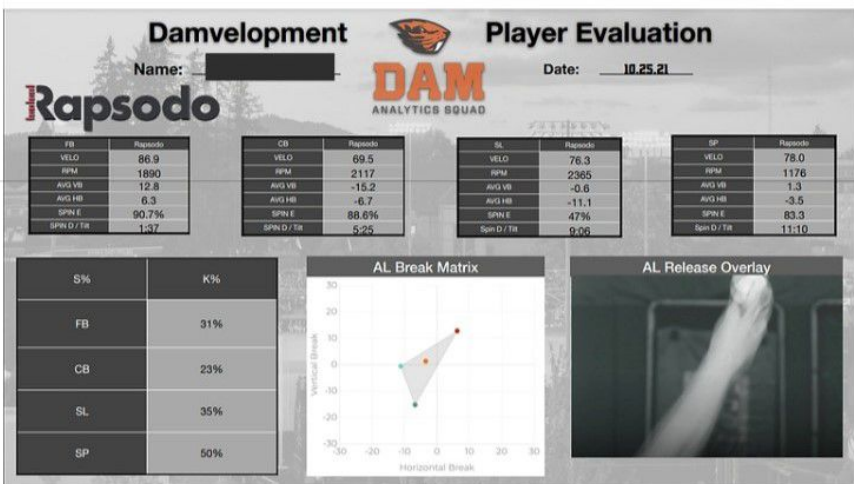


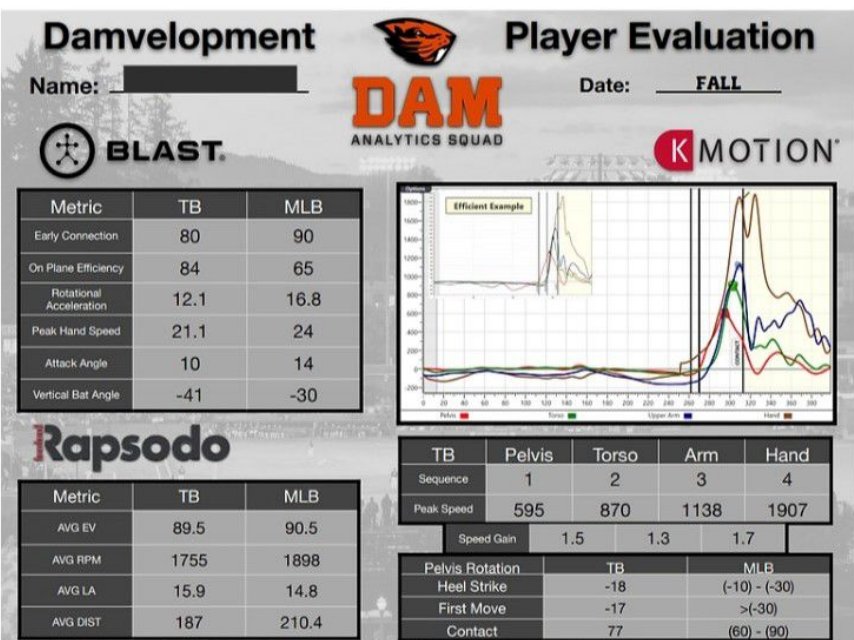
Development Reports



This is a development project that I worked on with my boss and the strength and conditioning coach. Using data gathered from TeamBuilder on each of the players, we would monitor changes week to week on Fatigue, Soreness, Stress, Global RPE, Sleep, and Vertical Jump numbers. With these development reports, we would report drastic changes to the coaches and trainers to make changes to treatment and workout plans.



This is a report that the DAM Analytics team built for our fall pitcher evaluations. In this report, you can see data collected from Rapsodo, Trackman, and an Edgertonic overlay of all of the pitchers pitches. This is an extremely helpful tool for pitch design, and with the help of the pitching coach, we can go through each report and find something to improve. For this individual, our primary note was to change the grip of the Split Change to have a Spin Direction closer to 3:00, which would create more positive horizontal break and also more negative vertical break, making it a more effective pitch.



Similar to the pitching evaluation, this report was also used for fall hitter evaluations. This report is one that I worked more heavily on due to my involvement with K-Motion, which took a lot of data organization to make these reports. This report gives us data from Blast Motion, K-Motion, and Rapsodo, all of which are averages from the fall. Although there were a lot of choices on metrics to look at from K-Motion, we decided to look at Pelvis Rotation throughout all three phases of the swing (Heel Strike, First Move, and Contact) since it wasn't influenced by pitch location, which is something that we were not able to normalize through the fall. For this player, the primary adjustment that we noted was his vertical bat angle, which was slightly steeper than we would have liked to see, so with the help of the hitting coach and the player, we would work on some drills to improve that aspect of his swing.