Here are the questions I had regarding my project where I want to make a model for the ECHL to compare players’ performances. I have access to InStat’s basic package but not API data or play by play data.

1. Would it be an achievable goal to make a goals above replacement model for the ECHL?
2. Would a goals above replacement model be an appropriate model to compare players?
3. If this model would work, should I compare players against the average and not the replacement level because the ECHL works differently than the NHL?
4. How do you weight the different areas of a players game? Such as even strength offense , power play, even strength defense, etc.?
5. How many seasons of data would you recommend using? What would be the minimum?
6. Is this type of model something I could adjust game by game to judge a player’s performance or is it more a seasonal model?
7. Is this type of model achievable if I don’t have access to play by play data but do have access to individual stats such as goals, assists, Corsi, and expected goals etc.?

Thank you so much for all your time and help. I really appreciate it!

Best,

Nick