1. Create view `chao\_draft.lmt\_testYears\_CSS\_null\_norm\_prob\_for\_points` by adding numeric columns for position\_L/R/D/C and country\_USA/CAN/EURO.

2. Calculate attributes strength against average with equation ∑wi（xi- ẍ）for each player in two cohorts(players drafted in 2001/2 ; players drafted in 2007/8). Code can be found here: <https://github.com/sfu-cl-lab/Yeti-Thesis-Project/blob/master/Decision_Trees/LMT/calculate_points_strength_against_avg.py>

3. Save the results in table `chao\_draft.lmt\_testYears\_CSS\_null\_norm\_prob\_for\_points`. And the strongest point and weakest point is summarized as following:

|  |  |  |
| --- | --- | --- |
| **2001 & 2002** | Strongest Point | Weakest Point |
| LeafNode 1 | id: 13472  value: 2.28659443685 | id: 8421  value: -1.79940292786 |
| LeafNode 2 | id: 48428  value: 2.20166185039 | id: 15838  value: -2.8878776548 |
| LeafNode 3 | id:15466  value: 2.87400848049 | id: 8469501  value: -2.8869485535 |
| LeafNode 4 | id: 8504  value: 2.26752548698 | id: 15691  value: -2.13928392492 |
| LeafNode 5 | id: 11501  value: 2.31529252483 | id: 10847  value: -1.84213429189 |

|  |  |  |
| --- | --- | --- |
| **2007 & 2008** | Strongest Point | Weakest Point |
| LeafNode 1 | id: 10436  value: 2.68381860603' | id: 11865  value: -2.20006507423 |
| LeafNode 2 | id: 19061  value:2.42323838396 | id: 8474597  value: -1.5407185662 |
| LeafNode 3 | id: 13783  value: 1.83287503737 | id: 8474722  value: -1.97410785889 |
| LeafNode 4 | id: 8474032  value: 3.05642599318 | id: 8473986  value: -2.4022371076 |
| LeafNode 5 | id: 8474050  value: 2.30049114149 | id: 12176  value: -2.93771227467 |
| LeafNode 6 | id: 8474579  value: 0.686256814885 | id: 8474138  value: -0.849346760574 |