

PRO BASEBALL PROFILES

Breaking Down the Visual Characteristics of Every Pro Baseball Level

Nearly 20,000 Vizual Edge evaluations have been completed by Major League Baseball players or prospects primarily via MLB scouting departments. The primary sample of players within the database consists of high school or college players. The players represented in this report reflect position players or designated hitters only, not pitchers.

This summary report shows the trends and correlations of Vizual Edge scores and players who were drafted and signed during 2010-2015 and completed at least one Vizual Edge test. 1,233 players met this criteria and the top scores from their evaluation(s) were used for this analysis. This report reflects the top levels all 1,233 players had reached and recorded at least 1 AB through the end of the 2021 season.

Additionally, adjusted R^2 values around 0.20 have been found from models to estimate the exact level a player will reach based on his Vizual Edge scores, draft age and overall draft pick.

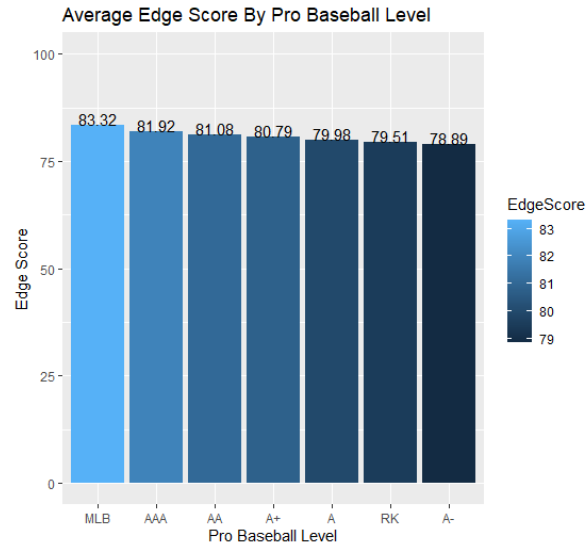
PRO BASEBALL EDGE SCORE PROFILES

Average Vizual Edge Scores From 2010-15 Draftees



When identifying talent in future drafts, Table 1 below provides insight as to the general profile & visual requirements of what it takes to reach a certain pro level in baseball. Like all data sets, there are outliers (Ex: great swing, average vision), but understanding how a player's visual skills compare to the anticipated level they will reach can prove to be advantageous.

The average Edge Scores are almost perfectly linear as pro level increases. Not only are players who reach the MLB significantly faster in their reaction speeds and decision making (see Recognition & Tracking columns in Table 1), they are also **up to 27% better** at Converging, which helps focus on incoming pitches.



Pro Level Reached	# of Players	Edge Score	Depth Perception	Convergence	Divergence	Recognition (Speed, Accuracy)	Tracking (Speed, Accuracy)
MLB	299	83.32	94%	47	27	0.81s (98%)	0.49s (96%)
AAA	217	81.92	90%	44	27	0.90s (97%)	0.51s (95%)
AA	167	81.08	88%	41	25	0.88s (97%)	0.50s (95%)
A+	222	80.79	88%	41	24	0.90s (96%)	0.51s (94%)
A	151	79.98	85%	39	23	0.99s (96%)	0.52s (94%)
A-	80	78.90	82%	37	23	0.96s (95%)	0.53s (93%)
RK	97	79.51	84%	38	22	1.03s (94%)	0.55s (94%)

Table 1: Edge Score profiles of every pro baseball level based on 2010-2015 draftees and the highest level they reached through 2021 season.

*Note that test score 'Alignment' was the same for all levels (1A)

