

# Football Performance & Value Analysis

Premier League 2023/24 — Moneyball-Style Project

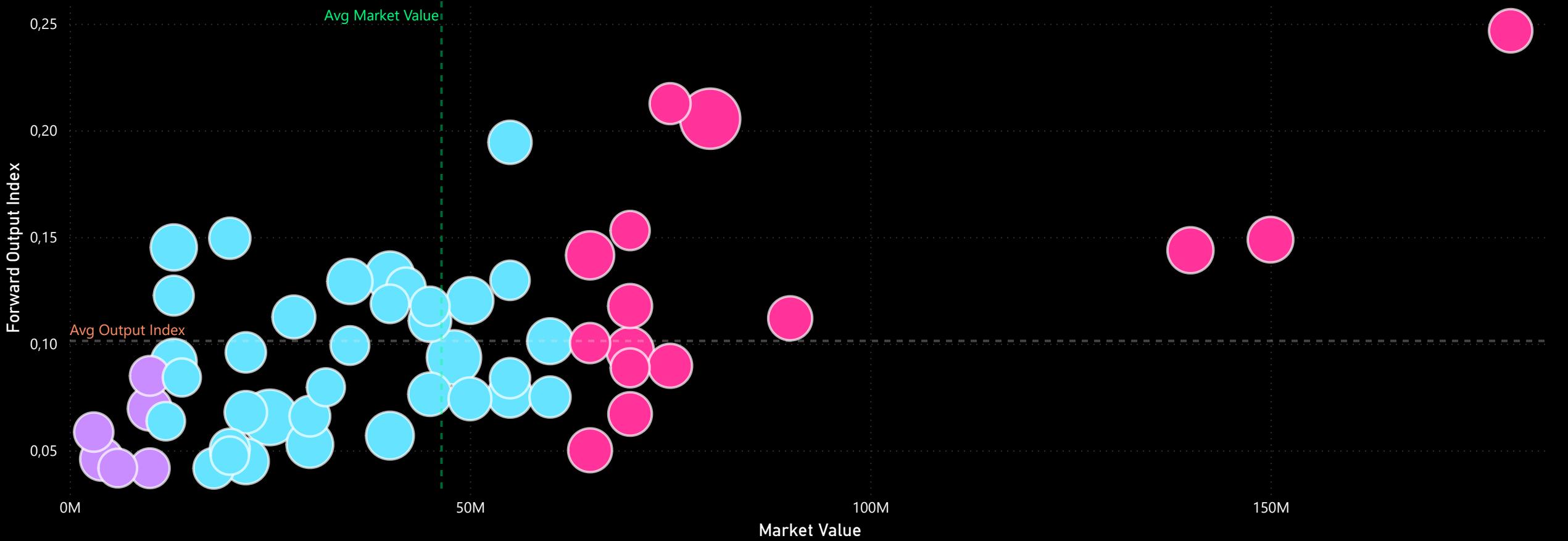
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**Tools: Power BI • DAX • Python  
2026**

# Best Value Forwards in the Premier League (23/24)

Players delivering high attacking output relative to market value

● ELITE ● LOW ● MID

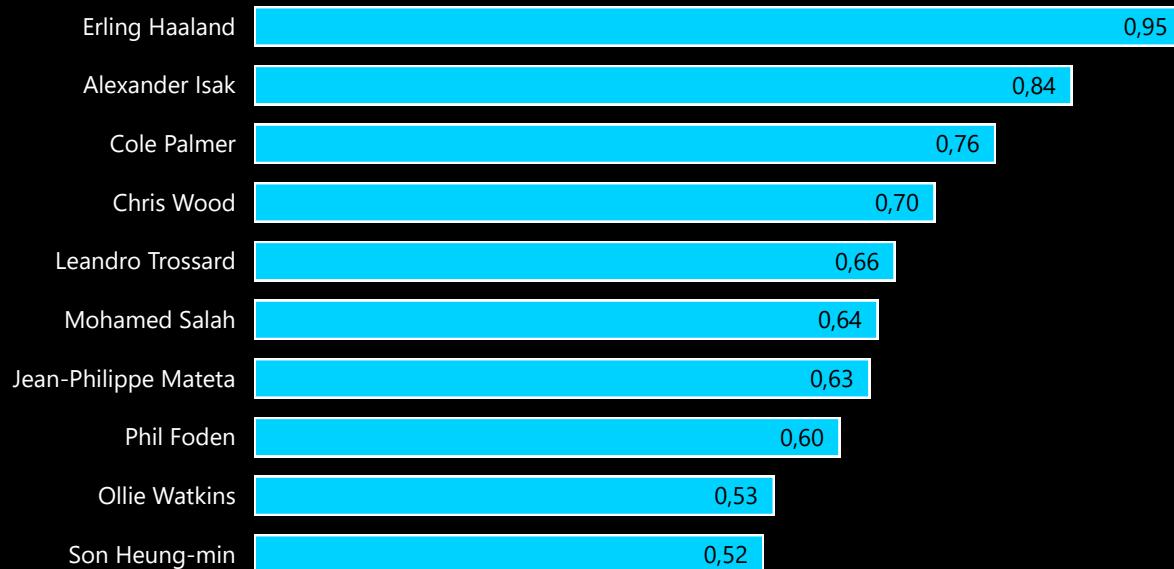


- Each bubble = one forward in Premier League 23/24
- X-axis: Transfermarkt market value (€)
- Y-axis: Forward Output Index (xG + xAG per 90)
- Color = price tier (LOW / MID / ELITE)
- Bubble size = minutes played

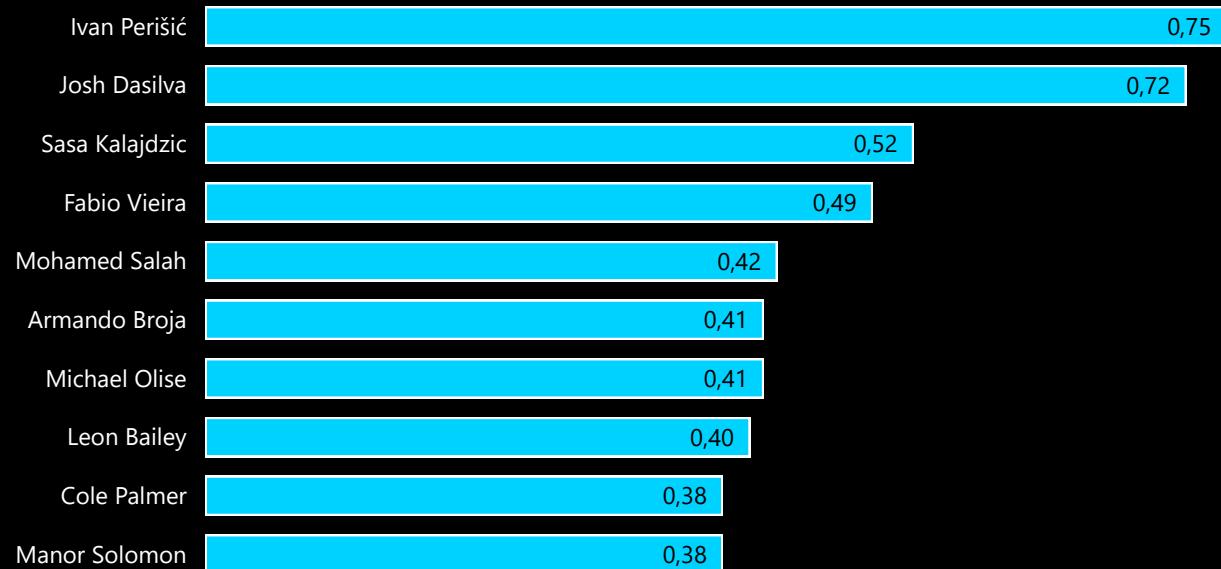
**Top-left:** High output, low cost → *Best value targets*

**Bottom-right:** High cost, low output → *Potential overvaluation*

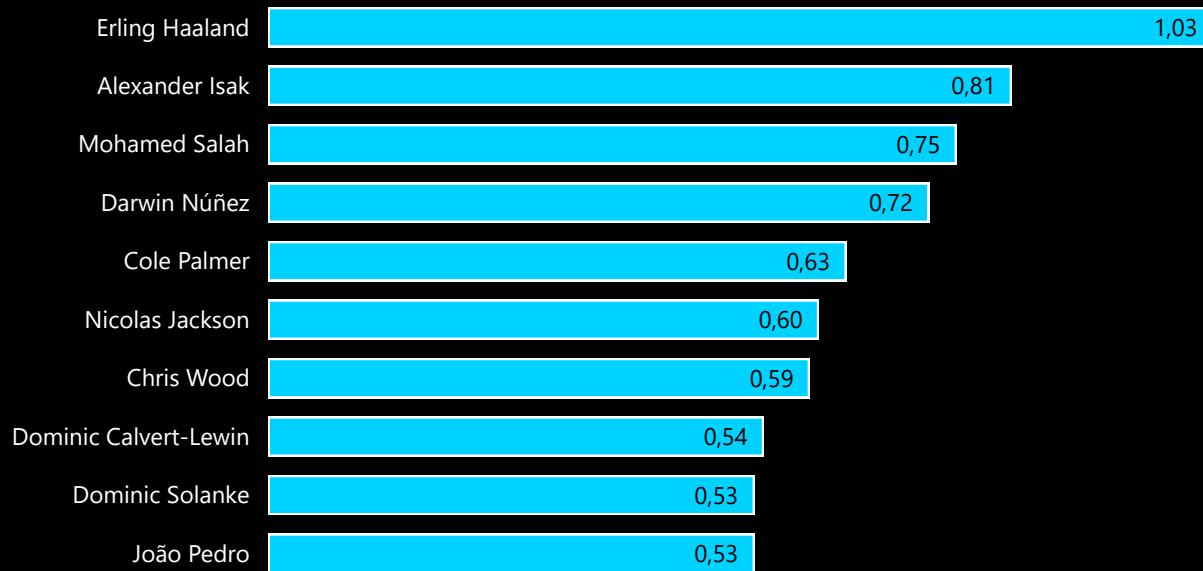
## Top 10 - Goals per 90 (G/90)



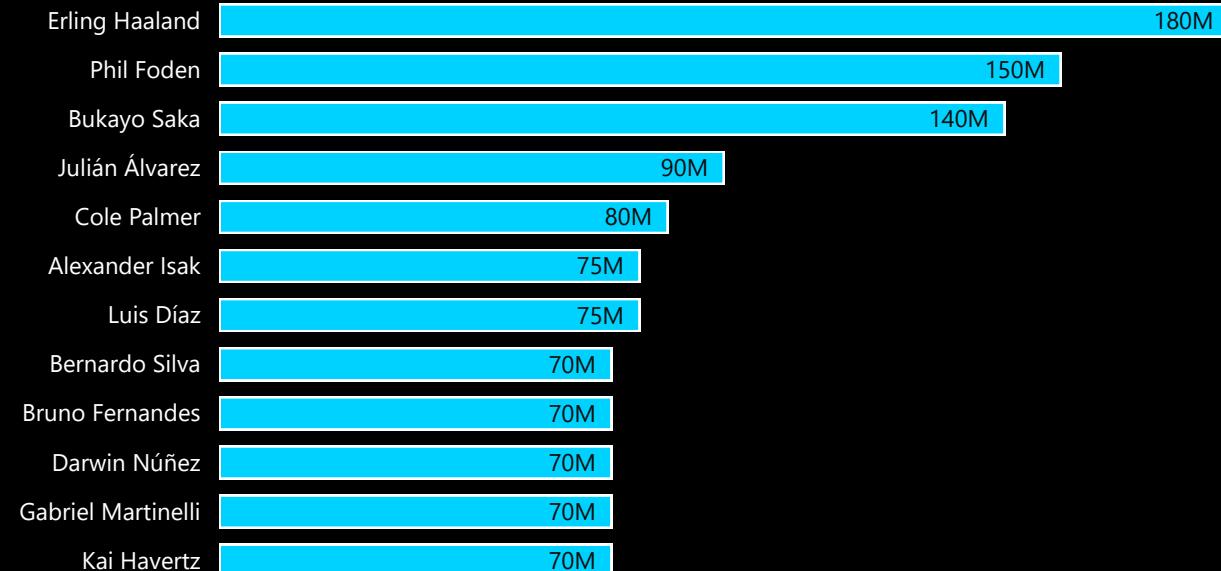
## Top 10 — Assists per 90 (xA/90)



## Top 10 — Chance Quality (xG/90)



## Top Highest Market Value (€)



# Young Value Stars (U23)

Output vs Market value (age <= 23, colored by price tier)

● ELITE ● LOW ● MID



- Filter: forwards aged 23 or younger
- X-axis: Transfermarkt market value (€)
- Y-axis: Forward Output Index (xG + xAG per 90)
- Color = price tier (LOW / MID / ELITE)
- Bubble size = minutes played

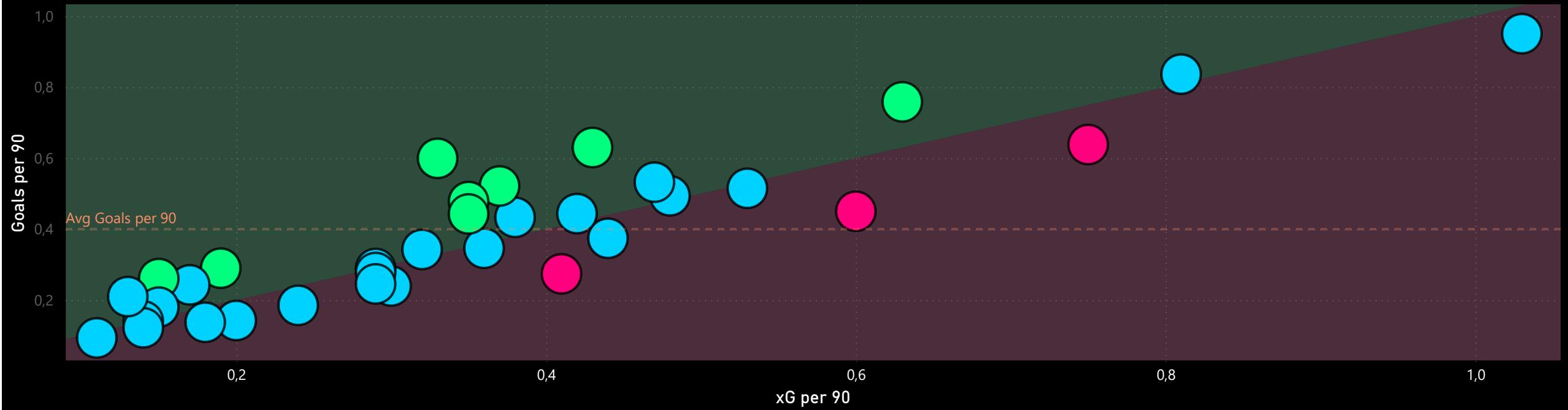
**Top-left = high-upside talents at undervalued prices (target value)**

**Right-side = high-potential talents whose price already reflect reputation**

# Over- vs Under-Performing Forwards - Premier League

Expected goals (xG/90) vs real goals (G/90), filtered to  $\geq 2.2k$  minutes

● As expected ● Overperforming ● Underperforming



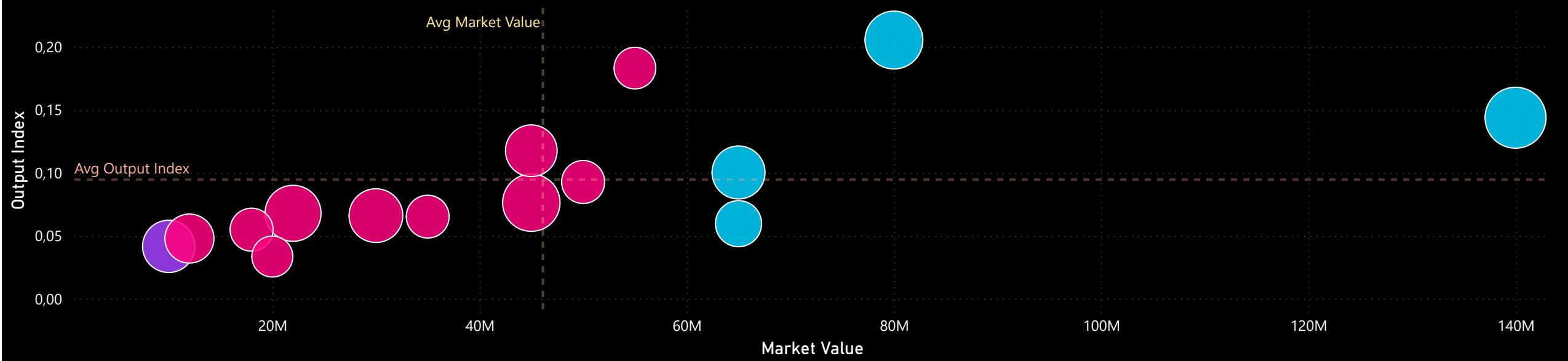
Zeki Amdouni player	Burnley club	1953 Minutes_Total	0,230 goals_per90	0,27 xg_90	12000000 market_value	MID price_tier
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- Above the trend = finishing better than expected (clinical)
- Below the trend = finishing below xG (wasteful)
- Middle cluster = roughly in line with model
- Only forwards with  $\geq 2.2k$  minutes included

# Breakout Candidates — Future Stars ( $\leq 21$ )

Young forwards delivering consistent output at an early age

● ELITE ● LOW ● MID



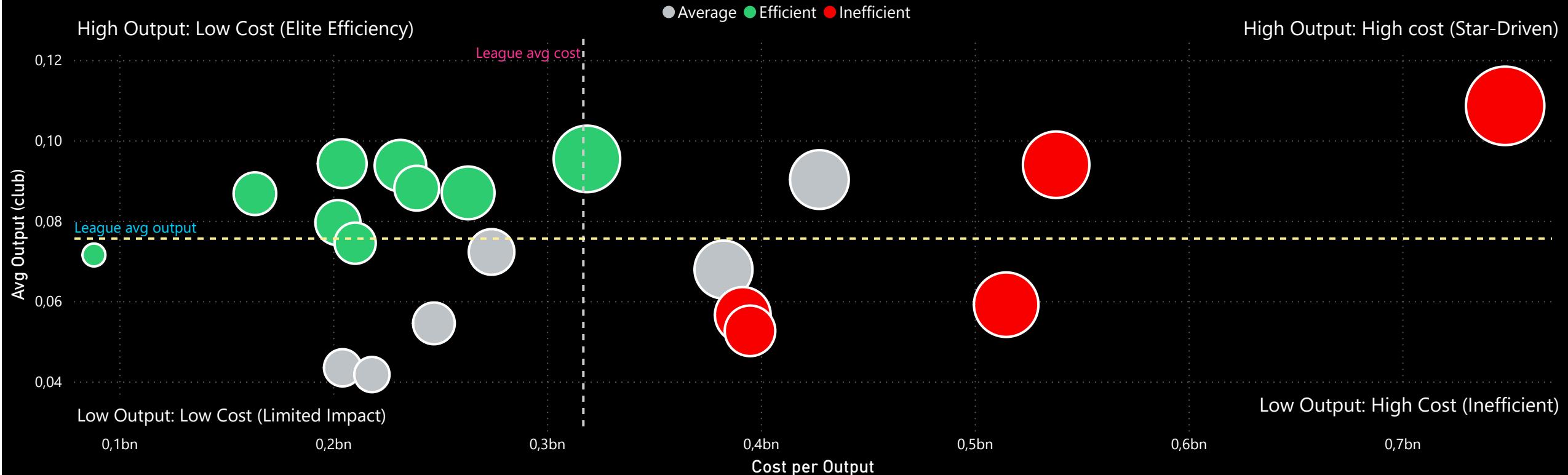
## Top 10 Breakout Candidates

Player	Club	Age	Minutes Played	Market Value	Goals per 90	xG per 90	Output Index
Cole Palmer	Chelsea	21	5214	80000000	0,759	0,63	0,206
Michael Olise	Crystal Palace	21	1275	55000000	0,704	0,39	0,183
Bukayo Saka	Arsenal	21	2919	140000000	0,494	0,48	0,144
João Pedro	Brighton	21	2045	45000000	0,396	0,53	0,118
Rasmus Højlund	Manchester United	20	2158	65000000	0,417	0,32	0,100
Evan Ferguson	Brighton	18	1367	50000000	0,395	0,30	0,093
Alejandro Garnacho	Manchester United	19	2565	45000000	0,246	0,29	0,076
Anthony Elanga	Nottingham Forest	21	2433	22000000	0,185	0,24	0,068
Simon Adingra	Brighton	21	2222	30000000	0,243	0,17	0,066
Harvey Elliott	Liverpool	20	1352	35000000	0,200	0,18	0,065

Focuses on current attacking efficiency rather than long-term transfer ROI.

# Attacking Efficiency of Premier League Clubs

Average attacking output vs cost per output, relative to league averages



Most Efficient Club

Luton Town

Highest Attacking Rotation

Manchester United

Least Efficient Club

Manchester United

Best Value Club

Luton Town

## Top 5 Most Efficient Attacking Clubs (vs League Average)

