Portfolio overlap

ADIV / JAVA

Overlap	Shared positions
0.00%	0

Guinness Atkinson Asia Pacific Dividend Builder ETF

Report dates 12/31/2021 | 99.57% NAV

Overlap / ADIV 0.00%

JPMorgan Active Value ETF

Report dates 12/31/2021 | 98.39% NAV

Overlap / JAVA 0.00%

Shared positions

No shared stock classes were found in the matched holdings for these reporting dates.

Weights are percentages of each fund's net assets. Shared weight is the sum of the smallest weight per matched common-stock class. Unmatched positions are excluded without renormalizing the weights.

Sources and methodology

nport-common-equity-v1

Report dates	Weight (%)	Classes	ADIV · SEC	JAVA · SEC
12/31/2021	0.00%	0	0001398344-22-005035	0001752724-22-046180