Portfolio overlap

CHAT / HAPI

Overlap	Shared positions
21.84%	15

Roundhill Generative AI & Technology ETF

Report dates 07/31/2023 | 99.88% NAV

Overlap / CHAT 56.20%

Harbor Human Capital Factor US Large Cap ETF

Report dates 07/31/2023 | 99.42% NAV

Overlap / HAPI 21.84%

Largest shared positions

Security	CHAT	HAPI	Overlap
Microsoft Corp	7.07%	5.47%	5.47%
NVIDIA Corp	8.56%	4.43%	4.43%
Alphabet Inc	6.94%	3.73%	3.73%

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	CHAT · SEC	HAPI · SEC
07/31/2023	21.84%	15	0001387131-23-011651	0001752724-23-222402