# Behavioral Finance Arbitraging Human Emotion 

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Understanding Behavioral Finance is foundational to becoming a good investor in the long run.

## Three types of investing edges:

## Informational

Analytical

Behavioral
"I know something you don't."

## "I understand this

 better than you.""I have more control over my emotions."

## Informational advantages ...

## exist when an investor:

knows more about a business / industry than most market participants.

## Example: <br> Uber's unit economics.

## are gained by:

Scuttlebutt / investigative journalism.

# Analytical advantages ... 

## exist when an investor:

can process information better than most market participants.

## are gained by:

Special degree / Higher Ed (e.g., CPA)

## Example:

$77 \%$ (388) of S\&P500 cos. adjusted 2022 income.

35 GAAP losses resulted in 14 adjusted gains.

## Behavioral advantages ...

## exist when an investor:

can control their emotions better than most market participants.

## are gained by:

The right temperament (emotional awareness)

## Example:

1. We are more likely to impulse spend when highly emotional.
2. Fins SB LVIII champs

Why is Behavioral most sustainable?

| Informational | Ubiquitous |
| :---: | :---: |
|  | Internet |
| Analytical | ii. Social media |

Behavioral Immutable

## Mismatch theory.

Fight / Flight

Mate selection

## Behavioral

impulsive / quick response to a perceived threat pretty people tend to be more successful
diabetes and heart disease

# The average investor consistently underperforms the indexes. 



Source: J.P. Morgan
Investor psychology is mostly the reason.

## Investing is hard. Very hard.

## S\&P500 INDEX (1990 - 2022)



## Two common mental pitfalls:

Loss-aversion: our losses are felt more acutely than gains.


Overconfidence: we tend to overestimate our abilities.


## Biases make us sensitive to relative changes more than absolute outcomes.



## They also turn us into overactive investors.

Average holding period for a stock on the NYSE (years)


Source: Dresdner Kleinwort Macro research

## The fastest way to get rich is to go slow.

## S\&P500 INDEX

Returns per given period (since 1950)


## Time in the market > timing the market




Fully Invested
year
year

## $\$ 100$ doubling 10 times

Compounding Tax Free
$\$ 1.00$
$\$ 2.00$
$\$ 4.00$
$\$ 8.00$
$\$ 16.00$
$\$ 32.00$
$\$ 64.00$
$\$ 128.00$
$\$ 256.00$
$\$ 512.00$
$\$ 1,024.00$

Taxable at 25\%
$\$ 1.00$
\$1.75
\$3.06
\$5.36
$\$ 9.38$
$\$ 16.41$
\$28.72
\$50.27
$\$ 87.96$
\$153.94
\$269.39

Your portfolio is like a bar of soap. The more you handle it, the smaller it gets.

## Develop the right mindset.



Know the difference between a stock and a business.

Buy damaged stocks.


Avoid damaged businesses.


## Systematic Processes over Specific Goals.

"I want to own a great business at a good price."
"I want to make \$100k betting on stocks."

## Effectiveness over Efficiency.

"Widespread fear is my friend."
"Personal fear is my enemy."

## In closing...

## Buy good companies. Don't overpay. Do nothing.

