

# Synaptic Risk Rating Service



Fact  
Sheet



Pru

part of M&G plc

Q3 2023

## Using the Risk Rating Service

It is the responsibility of the adviser to ensure that the level of risk that their client is exposed to is appropriate for their circumstances. The online Synaptic Attitude to Risk Questionnaire can assist in performing and saving a client risk appraisal, and the Risk analysis provided in these Fact Sheets can assist in identifying a suitable investment:

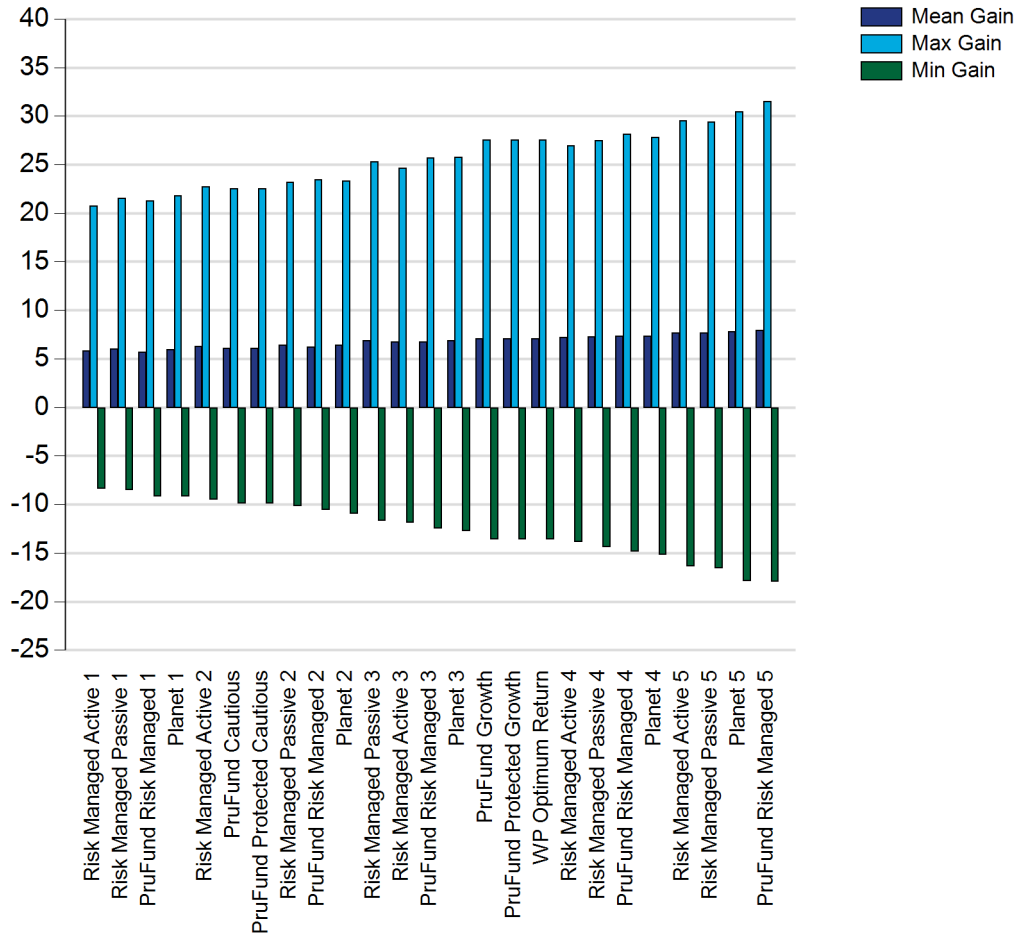
- Establish with the client how much they can afford to lose (tolerance for loss)
- Establish with the client how much they are prepared to lose in relation to the investment objective under consideration
- Use the Synaptic Risk Rating Service, or Synaptic Modeller tool to establish the 'minimum gain', or 'Capacity for Loss' quotient
- Compare the numbers to see if there is alignment. Due to the subjective nature of risk, there is a reliance on the skill and experience of the adviser to ensure that 'informed consent' has been achieved, on the basis that the client understands and agrees to the risk proposition.

## The Capacity for Loss Quotient

The Synaptic Risk Rating Service is derived from the risk framework provided by Moody's Analytic's Stochastic engine. It has been created to provide advisers with more robust, quantitative measures for risk than is generally available, and provide the opportunity for them to move away from Volatility based ratings. Projections are asset allocation of the underlying investments. The multiple scenarios modelled by the stochastic engine aim to capture the likelihood of a range of investment outcomes:

- The Minimum gain figure represents the possible loss to be sustained 5% (or 1 in 20 year event), in any one year. I.E. 'dear client, you have a 1 in 20 chance of losing 20% of your portfolio in any one year, in search of the higher returns you seek'.
- The Maximum gain figure represents the 5% of best possible outcomes returned by the model, and the Mean is the average annual growth calculated by the model.

Graph showing spread of risk using Minimum, Mean and Maximum gain figures derived from the Moody's Analytic's stochastic outputs, as applied to the Strategic asset allocation

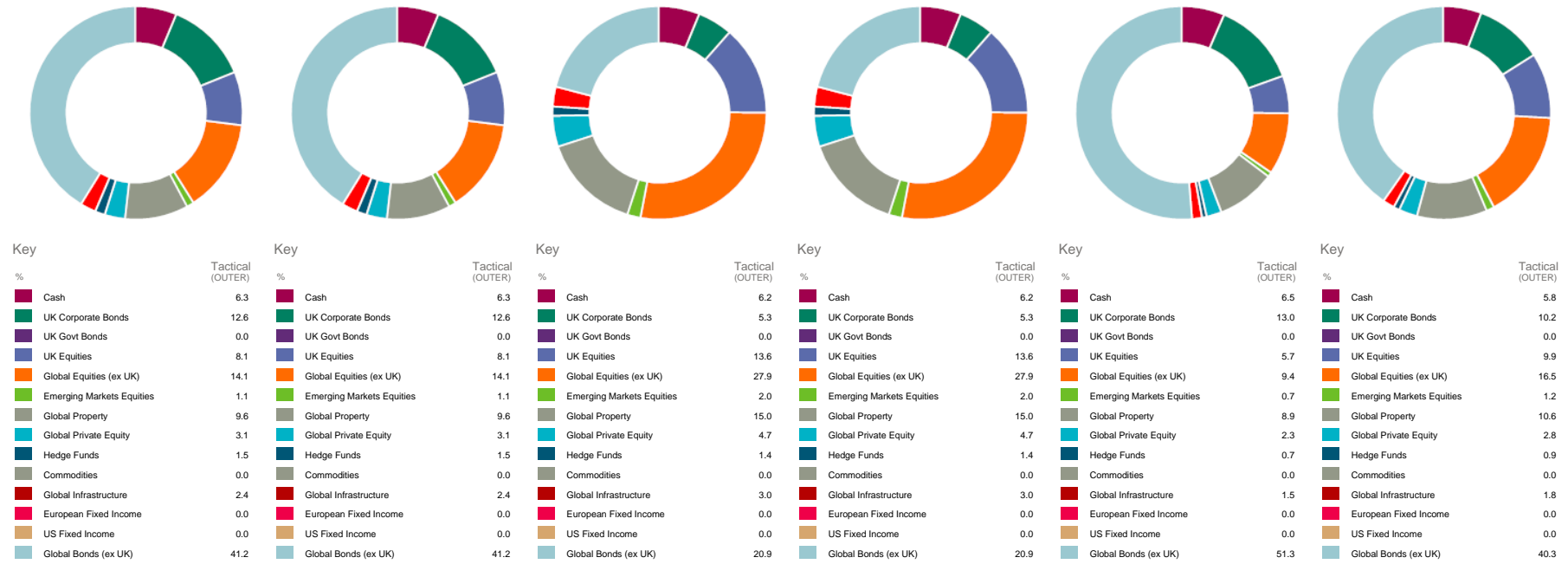




Tactical Asset Allocation

Product	Synaptic Risk Rating	Strategy	Max gain	Ave gain	Min gain
PruFund Cautious	2.4	Moderately Cautious	22.55%	6.14%	-9.87%
PruFund Protected Cautious	2.4	Moderately Cautious	22.55%	6.14%	-9.87%
PruFund Growth	3.2	Balanced	27.59%	7.14%	-13.57%
PruFund Protected Growth	3.2	Balanced	27.59%	7.14%	-13.57%
PruFund Risk Managed 1	2.3	Moderately Cautious	21.30%	5.69%	-9.10%
PruFund Risk Managed 2	2.5	Moderately Cautious	23.49%	6.24%	-10.50%

Asset Allocation breakdown

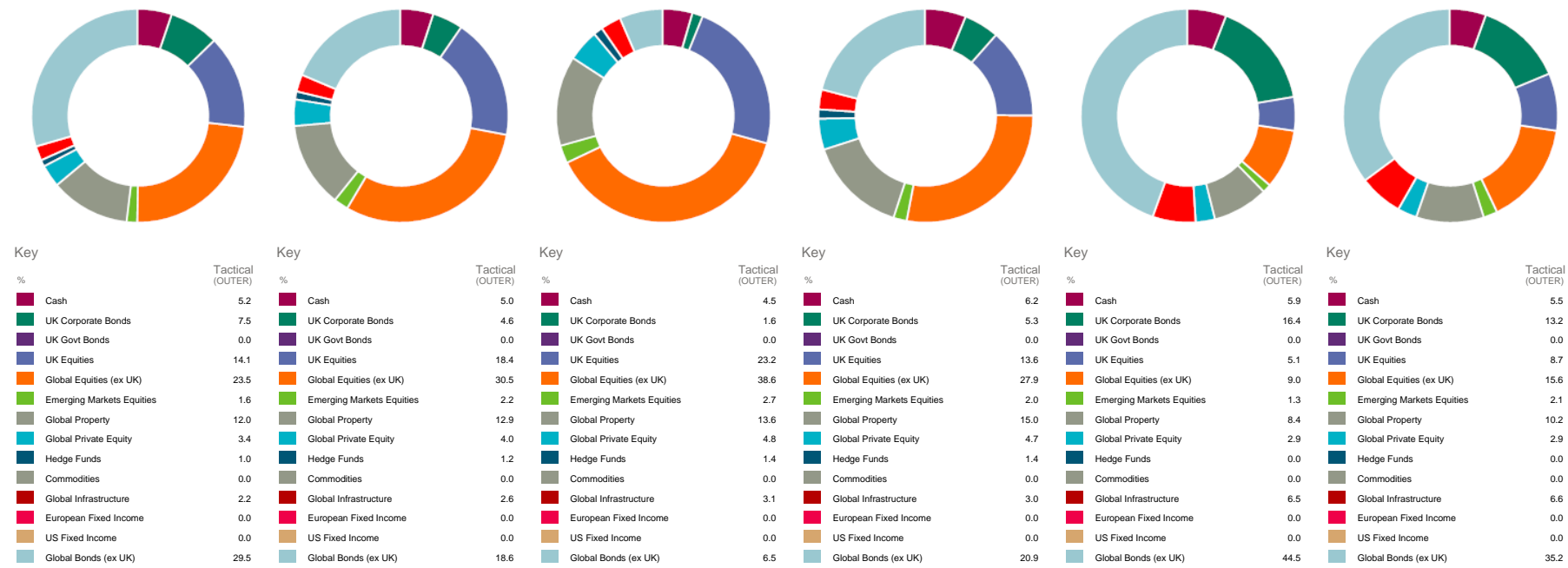




Tactical Asset Allocation

Portfolio	Synaptic Risk Rating	Rating Scale	Strategy	Max gain	Ave gain	Min gain
PruFund Risk Managed 3	2.9	1-5	Moderately Cautious	25.72%	6.80%	-12.45%
PruFund Risk Managed 4	3.4	1-5	Balanced	28.14%	7.35%	-14.79%
PruFund Risk Managed 5	4.1	1-5	Moderately Adventurous	31.53%	7.99%	-17.91%
WP Optimum Return	3.2	1-5	Balanced	27.59%	7.14%	-13.57%
Planet 1	2.3	1-5	Moderately Cautious	21.81%	5.99%	-9.10%
Planet 2	2.6	1-5	Moderately Cautious	23.35%	6.45%	-10.93%

Asset Allocation breakdown

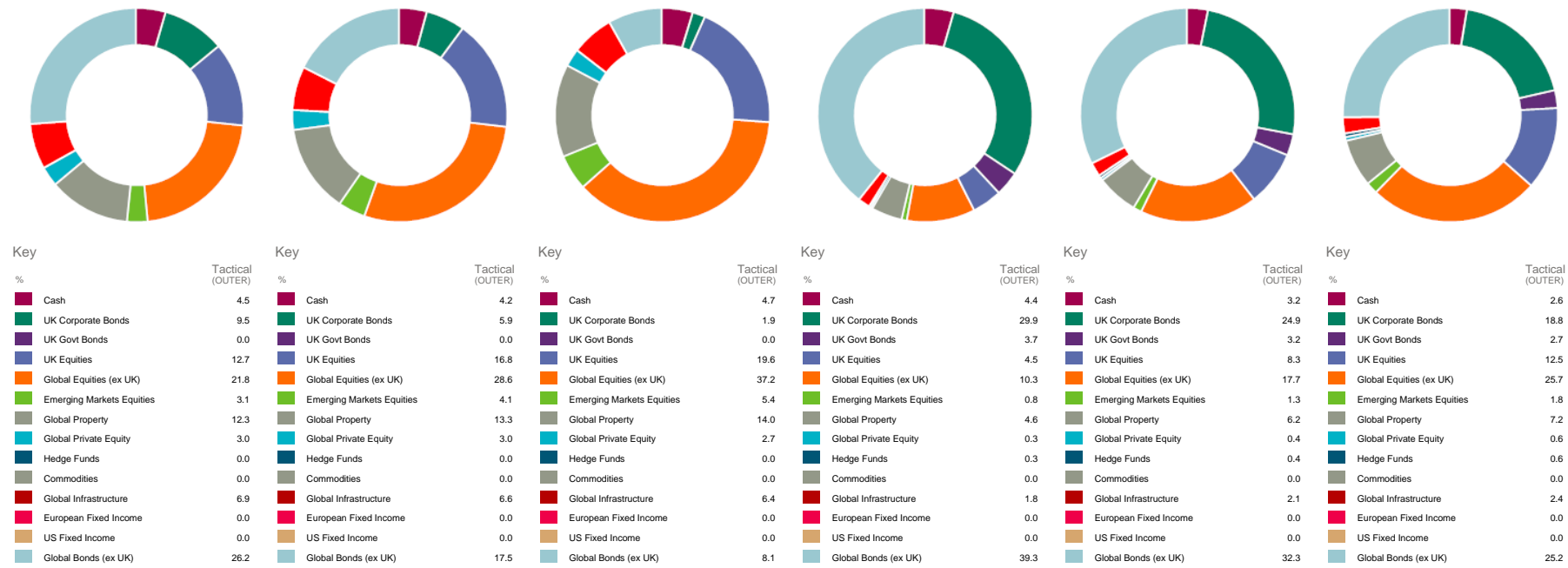




Tactical Asset Allocation

Planet 3	Planet 4	Planet 5	Risk Managed Active 1	Risk Managed Active 2	Risk Managed Active 3
<b>Synaptic Risk Rating 3.0</b> 1-5	<b>Synaptic Risk Rating 3.5</b> 1-5	<b>Synaptic Risk Rating 4.1</b> 1-5	<b>Synaptic Risk Rating 2.2</b> 1-5	<b>Synaptic Risk Rating 2.4</b> 1-5	<b>Synaptic Risk Rating 2.8</b> 1-5
Balanced	Balanced	Moderately Adventurous	Moderately Cautious	Moderately Cautious	Moderately Cautious
Max gain 25.76%	Max gain 27.84%	Max gain 30.51%	Max gain 20.77%	Max gain 22.73%	Max gain 24.65%
Ave gain 6.93%	Ave gain 7.39%	Ave gain 7.86%	Ave gain 5.85%	Ave gain 6.32%	Ave gain 6.80%
Min gain -12.68%	Min gain -15.17%	Min gain -17.85%	Min gain -8.34%	Min gain -9.45%	Min gain -11.83%

Asset Allocation breakdown

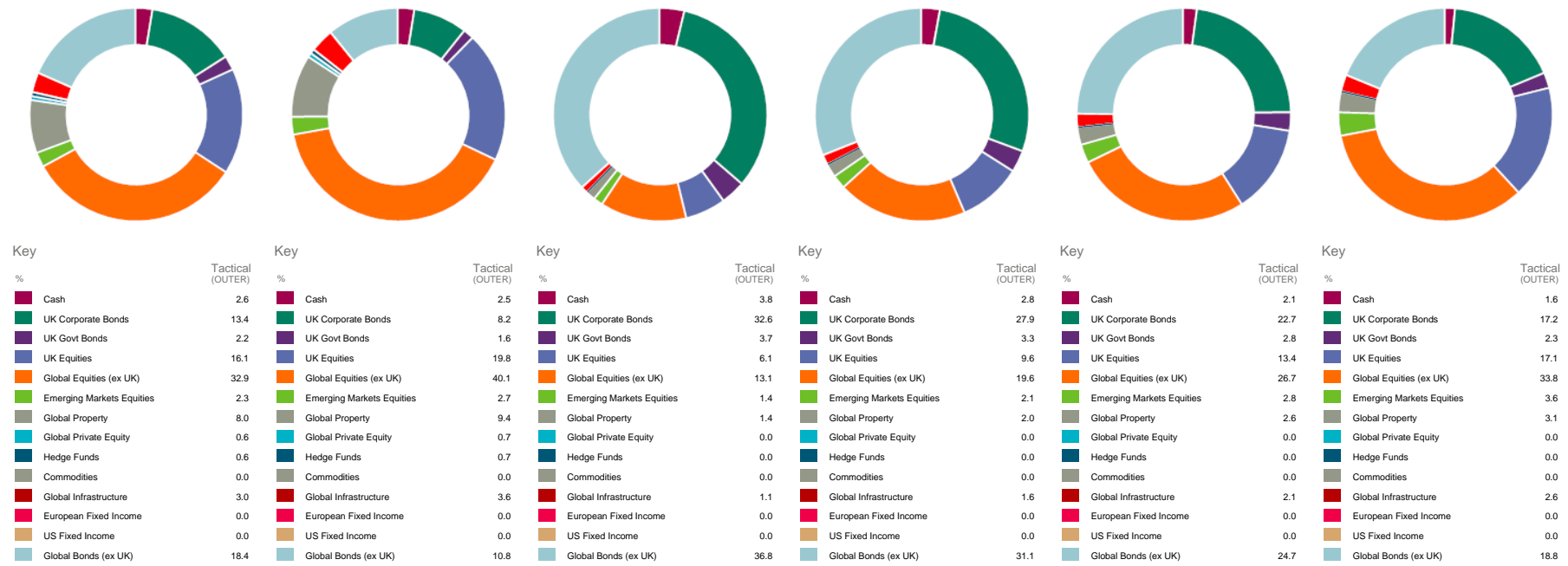




Tactical Asset Allocation

Strategy	Synaptic Risk Rating	Strategy	Synaptic Risk Rating	Strategy	Synaptic Risk Rating	Strategy	Synaptic Risk Rating	Strategy	Synaptic Risk Rating		
Balanced	3.2	Balanced	3.7	Moderately Cautious	2.2	Moderately Cautious	2.5	Moderately Cautious	2.7	Balanced	3.3
Max gain	26.96%	Max gain	29.54%	Max gain	21.58%	Max gain	23.19%	Max gain	25.31%	Max gain	27.53%
Ave gain	7.23%	Ave gain	7.68%	Ave gain	6.03%	Ave gain	6.44%	Ave gain	6.89%	Ave gain	7.31%
Min gain	-13.82%	Min gain	-16.34%	Min gain	-8.45%	Min gain	-10.15%	Min gain	-11.66%	Min gain	-14.34%

Asset Allocation breakdown



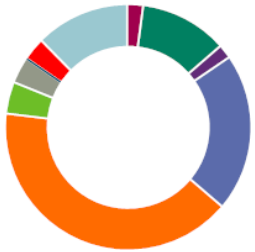
**Tactical Asset Allocation**



Balanced

Max gain	29.43%
Ave gain	7.73%
Min gain	-16.52%

**Asset Allocation breakdown**



Key

%	Tactical (OUTER)
Cash	2.1
UK Corporate Bonds	11.5
UK Govt Bonds	1.9
UK Equities	20.8
Global Equities (ex UK)	40.6
Emerging Markets Equities	4.2
Global Property	3.5
Global Private Equity	0.0
Hedge Funds	0.0
Commodities	0.0
Global Infrastructure	3.0
European Fixed Income	0.0
US Fixed Income	0.0
Global Bonds (ex UK)	12.4