

Mo.net Financial Modelling Platform Sample Projects – Linked Funds User Guide

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Purpose

This document covers the inputs, parameters and order of calculations for the Linked Funds sample project for Mo.net

The document is intended for users who are taking a look at the sample model with a view to understanding how to develop a Mo.net model.

Background

The sample projects demonstrate how simple models can be set up using Mo.net software. The Linked Funds sample project models three different funds in which a policyholder can invest aggregating the results over all the funds. This document provides a summary of the model and assumes that the user has a basic knowledge of Mo.net from reading the Getting Started Guide. The Getting Started Guide can be found at <https://www.softwarealliance.net/Resources/Documentation>.

Product Features Modelled

The following features are included in the model:

- Fund Type can be Equity, Fixed Interest or Cash
- Regular premiums payable annually, half-yearly, quarterly or monthly
- Sum Assured is level

The model can be used to calculate:

- a Fund value for each fund type aggregated across the funds
- A Sterling Reserve Cashflow for each fund type aggregated across the funds
- An overall Sterling Reserve

Model Inputs

The following inputs are required for each policy:

Input Name	Description
PolNo	Unique policy number
Sex1	Gender
AgeEnt1	Age at entry in whole years
PremInit	Annual Premium at start of policy
PremFreq	Number of premium payments each year
FundType	Fund type: Equity, Fixed Interest or Cash
SumAssured	Sum Assured
PeriodIF	Number of months policy has been in force
Term	Term of policy in years

Model Parameters

The following parameters need to be set by the user (either within the Tables tab or the Bases tab).

Parameter name	Description
SterlInt	Annual discount rate of sterling reserve cashflows
FMChgePC	Annual management charge as % of fund
FundGthPC	Annual rate of fund growth
MortFemale	Table used to determine appropriate mortality basis for females. The mortality table referenced by this must also be included in the model. This is currently AFg2Ult and is present in the model.
MortMale	Table used to determine appropriate mortality basis for males. The mortality table referenced by this must also be included in the model. This is currently AFg2Ult and is present in the model.
RedAllocPeriod	Reduced allocation period
InvCon1	Investment content during reduced allocation period
InvCon2	Investment content after reduced allocation period
BoS	Bid-offer spread
RenExplnit	Annual renewal expense at valuation date
RenExpEsc	Annual rate of renewal expense escalation

Calculations

Calculations are performed at Fund level in the Fund sub-model for each fund and then aggregated for the relevant calculations in the top level (Linked) as follows:

Model	Calculation	Description
Fund/Linked	ProjTerm	Monthly term of projection
Fund	FundGthPCMth	Monthly rate of fund growth
Fund	PremPay	Premium payable in each period
Fund	InvCon	Proportion of premium allocated to purchase units
Fund	MortChge	Mortality Charge in each period
Fund	FMChge	Fund Management Charge in each period
Fund	RenExp	Renewal expenses in each period
Fund	UnitFund	Fund Value each period
Fund	SterlResCF	Premium adjusted for bid-offer spread plus charges less expenses
Linked	Age1	Current age in whole years
Linked	SterlIntMth	Monthly discount rate of sterling reserve cashflows
Linked	MortAnn1	Annual rate of mortality
Linked	MortMth	Monthly rate of mortality
Linked	MortChge	Mortality charge in each period
Linked	UnitFund	Aggregate Unitfund across all funds
Linked	SterlResCF	Aggregate sterling reserve cashflow in each period
Linked	SterlRes	Discounted value of sterling reserve cashflows allowing for mortality

Getting Help and Support

There is an online source of information and support for Mo.net:

Support Helpdesk

The SAL Support Helpdesk offers the following features:

- An intuitive, responsive interface for reporting issues, asking questions, and requesting features
- Multichannel access via an online portal, e-mail and telephone support
- 24/7 availability of the portal, allowing ticket submission by customers anywhere in the world
- A single source of information for customers and for SAL employees, regardless of the channel used to raise the issue
- A clear view of the status and progress of individual issues
- Integration with our Knowledge Base, to provide searchable answers to the most commonly-asked questions

To access the Helpdesk Portal, navigate to the following address:

<https://softwarealliance.freshdesk.com/support/home>

You can also access the Helpdesk via the Support area of the Software Alliance website:

<http://www.softwarealliance.net/support>

Knowledge Base

Customers are encouraged to search the SAL Knowledge Base to check whether the issue, question or request has already been raised before submitting a new ticket.

To access the Knowledge Base, navigate to:

<https://softwarealliance.freshdesk.com/support/solutions>

The Knowledge Base will be updated periodically to reflect the most commonly raised issues and frequently-asked questions.

To search the Knowledge Base, simply start typing appropriate keywords or search terms into the "How can we help you today?" search box at the top of the page. This will display a list of possible Knowledge Base articles that match your search criteria.

Contact Us

For more information regarding the Mo.net Financial Modelling Platform or to discuss your specific financial modelling requirements, please contact us:

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