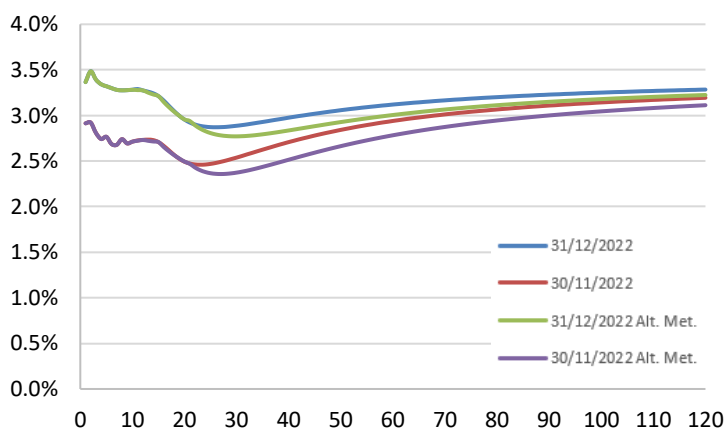


To: Solvency II Working Group
 From: Prudential Team
 Date: 10-01-2023
 Reference: ECO-SLV-23-003
 Subject: RFR monthly monitoring – December 2022

Background

EIOPA publishes the technical information related to [risk-free interest rate](#) (RFR) term structures for a wide range of currencies and the [symmetric adjustment](#) of the equity capital charge monthly. The latest technical documentation for the RFR which provides EIOPA's methodology for calculation can be found [here](#). The secretariat monitors EIOPA's RFR curves published for the euro as well as the symmetric adjustment and provides below summary information for members (Source: EIOPA, Insurance Europe). Additional information on alternative extrapolation method proposed by the EC as part of the Solvency II review is included for reference only.

1. RFR curves with VA (euro) as at the end of December 2022 vs previous curve



<i>RFR with VA</i>	10yrs	20yrs	60yrs
Dec 2022	3.28%	2.96%	3.12%
Nov 2022	2.71%	2.49%	2.94%
<i>RFR without VA</i>	10yrs	20yrs	60yrs
Dec 2022	3.09%	2.77%	3.04%
Nov 2022	2.50%	2.28%	2.85%

<i>Alternative extrapolation Method*</i>			
<i>RFR with VA</i>	10yrs	20yrs	60yrs
Dec 2022	3.28%	2.96%	3.01%
Nov 2022	2.71%	2.49%	2.78%
<i>RFR without VA</i>	10yrs	20yrs	60yrs
Dec 2022	3.09%	2.77%	2.93%
Nov 2022	2.50%	2.28%	2.70%

*secretariat calculations based on convergence parameter of 10%

2. Change in Volatility Adjustment and Credit Risk Adjustment

	December	November
Volatility Adjustment (VA) (bps)	19	21
Credit Risk Adjustment (bps)	10	10

3. Impact on discounting

The value after discounting a 1,000 euro cashflow at different years in the future is shown below along with the impact of changes in RFR (with VA) on these valuations:

	10yrs	20yrs	60yrs
Present Value using December 2022 RFR with VA	724	559	158
Present Value change from November 2022	-5.4%	-8.6%	-10.0%

4. Symmetric Adjustment of the Equity Capital Charge

December 2022	November 2022	October 2022	September 2022	August 2022	July 2022	June 2022	May 2022
-3.02%	-1.24%	-4.76%	-8.10%	-4.95%	-2.24%	-5.34%	-0.65%