Exhibit 1: Spot, Long-Term, and Normalized Risk-Free Rates for Germany as of Mid-October 2022

Method 1: Long-Term Average		
15-Year German Government Securities: 1		
- Spot Rate (as of October 14, 2022)	2.4%	
- Long-Term (10-year) Trailing Average Yield	0.8%	
Method 2: Fisher Equation	Range	Median
Estimated Long-term Real Risk-Free Rate ²	-1.2% to 1.5%	0.8%
Expected Long-term Inflation ³	1.8% to 3.4%	2.8%
Range of Estimates	0.6% to 4.9%	NMF
Midpoint	2.8%	3.6%
Concluded Normalized Risk-free Rate 3.0%		<u> </u>

¹ Source: Interest rates on listed German federal securities (calculated using Svenson method), Deutsche Bundesbank.

List of the academic paper references used to arrive at the real rate estimates, German Council of Economic Experts (2015), "Focus on Future Viability", Annual Report 2015/16, Federal Statistical Office, Wiesbaden; Hristov, Atanas, "Measuring the Natural Rate of Interest in the Eurozone: A DSGE Perspective", CESifo Forum 17 (1), 2016, 86-91; German Council of Economic Experts (2016), "Time for Reforms", Annual Report 2016/17, Federal Statistical Office, Wiesbaden; Belke, Ansgar, and Jens Klose. "Equilibrium real interest rates and secular stagnation: An empirical analysis for euro area member countries." JCMS: Journal of Common Market Studies 55, no. 6 (2017): 1221-1238; German Council of Economic Experts (2017), "Towards a Forward-Looking Economic Policy", Annual Report 2017/18, Federal Statistical Office, Wiesbaden; Fries, Sébastien, Jean-Stéphane Mésonnier, Sarah Mouabbi, and Jean-Paul Renne. "National natural rates of interest and the single monetary policy in the euro area." Journal of Applied Econometrics 33, no. 6 (2018): 763-779; Brand, Claus, Marcin Bielecki, and Adrian Penalver. "The natural rate of interest: estimates, drivers, and challenges to monetary policy." ECB Occasional Paper 217 (2018); Beyer, Robert CM, and Volker Wieland. "Instability, imprecision and inconsistent use of equilibrium real interest rate estimates." Journal of International Money and Finance 94 (2019): 1-14; Belke, Ansgar, and Jens Klose. "Equilibrium real interest rates and the financial cycle: Empirical evidence for Euro area member countries." Economic Modelling 84 (2020): 357-366; Arena, Marco, Gabriel Di Bella, Alfredo Cuevas, Borja Gracia, Huong Nguyen, and Alex Pienkowski, "It is Only Natural: Europe's Low Interest Rates" (July 1, 2020); Davis, Josh, Cristian Fuenzalida, and Alan M. Taylor. "The Natural Rate Puzzle: Global Macro Trends and the Market-Implied r." No. w26560. National Bureau of Economic Research, 2019; Reichenbachas, Tomas, Linas Jurkšas, and Rokas Kaminskas. "Natural real rates of interest across Euro a

Excludes inflation forecasts for 2022, as the indications were deemed an outlier and unduly influencing the long-term average. Source of underlying data: Consensus Economics, "Consensus Forecasts – Surveys of International Economic Forecasts – G7 & Western Europe", Survey Date: October 10, 2022; Economist Intelligence Unit (EIU) – Global Forecasting Service, "Economic forecast: Europe growth and inflation", September 14, 2022; IHS Markit, "Comparative World Overview Tables (Interim Forecast, Monthly)", September 15, 2022; Oxford Economics, "Country Economic Forecast – Germany", October 14, 2022; International Monetary Fund (IMF), "World Economic Outlook – Countering the Cost-of-Living Crisis", October 2022; PwC, "Global Economic Watch – Projections", August 2022.

Exhibit 2: Spot, Long-Term, and Normalized Risk-Free Rates for the United Kingdom as of Mid-October 2022

Method 1: Long-Term Average		
20-Year U.K. Government Securities: 4		
- Spot Rate (as of October 13, 2022)	4.5%	
- Long-Term (10-year) Trailing Average Yield	2.0%	

Method 2: Fisher Equation	Range	Median
Estimated Long-term Real Risk-Free Rate ⁵	-0.4% to 2.3%	1.1%
Expected Long-term Inflation ⁶ 2.2% to 3.7%		3.1%
Range of Estimates	1.8% to 6.0%	NMF
Midpoint	3.9% 4.2%	
Concluded Normalized Risk-free Rate	4.0%	

Source: Nominal par yields on British Government Securities (calculated using VRP model), Bank of England Database.

List of the academic paper references used to arrive at the real rate: Goldby, Mike, Lien Laureys, and Kate Reinold. "An estimate of the UK's natural rate of interest", Bank Underground, 2015; Holston, Kathryn, Thomas Laubach, and John C. Williams, "Measuring the natural rate of interest: International trends and determinants". Journal of International Economics, vol. 108, 2017, pp. S59-S75 (data update as of August 2020 available here: https://www.newyorkfed.org/research/policy/rstar); Bank of England, "Inflation Report – May 2017"; Bank of England, "Inflation Report – August 2018"; Amiri, Suhail. "Natural Rate of Interest, Demographics and Income Inequalities". HEC Montréal, 2018; Evans, Anthony J. "The Natural Rate of Interest: An Estimate for the United Kingdom". Economic Affairs, vol. 40, no. 1, 2020, pp. 24-35; Davis, Josh, Cristian Fuenzalida, and Alan M. Taylor. "The Natural Rate Puzzle: Global Macro Trends and the Market-Implied R*". NBER Working Paper No. w26560, 2019; Ferreira, Thiago, and Samer Shousha. "Supply of Sovereign Safe Assets and Global Interest Rates". International Finance Discussion Paper, vol 2021, no. 1315, 2021, pp. 1-49. Board Of Governors of The Federal Reserve System; Gray, Alexis, Roxane Spitznagel and Adam J. Schickling. "Resetting to a modestly higher neutral rate". Vanguard Research – Megatrends, June 2022.

Excludes inflation forecasts for 2022, as the indications were deemed an outlier and unduly influencing the long-term average. Source of underlying data: Consensus Economics, "Consensus Forecasts – Surveys of International Economic Forecasts – G7 & Western Europe", Survey Date: October 10, 2022; Economist Intelligence Unit (EIU) – Global Forecasting Service, "Economic forecast: Europe growth and inflation", September 14, 2022; EY ITEM Club, "Interim Forecast and Special Report on Consumer Spending", July 2022; EY ITEM Club, "UK economy expected to be in recession until summer 2023, says latest EY ITEM Club forecast", October 17, 2022; IHS Markit, "Comparative World Overview Tables (Interim Forecast, Monthly)", September 15, 2022; Oxford Economics, "Country Economic Forecast – UK", October 13, 2022; International Monetary Fund (IMF), "World Economic Outlook – Countering the Cost-of-Living Crisis", October 2022; PwC, "Global Economic Watch – Projections", August 2022.

Exhibit 3: Factors Considered in the Kroll U.S. ERP Recommendation: ⁷ Relative Change from December 9, 2020 to October 1, 2022

	Factor	Change	Effect on ERP
Financial Markets	U.S. Equity Markets	▼	A
	Implied Equity Market Volatility	A	A
	Corporate Credit Spreads	A	A
	Damodaran Implied ERP Model	A	A
	Default Spread Model	A	A
	U.S. Equity Market Uncertainty Index	▼	▼
Economic Indicators	Historical & Projected Real GDP Growth	∢ ▶	∢ ▶
	Unemployment	▼	V
	Consumer Sentiment	▼	A
	Business Confidence	▼	A
	Sovereign Credit Ratings	∢ ▶	∢ ▶
	Economic Policy Uncertainty (EPU) Index	4>	4>

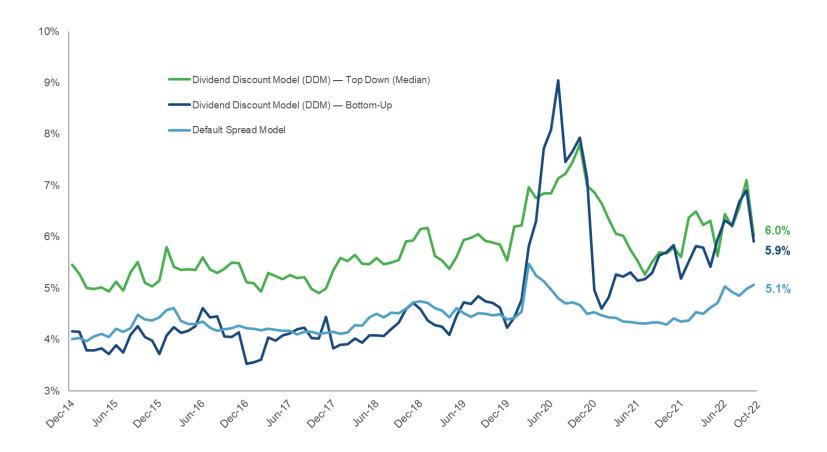
While our models have been updated through October 1st, economic and market conditions have not changed materially through the middle of October 2022.

Exhibit 4: Factors Considered in the Kroll Eurozone ERP Recommendation:⁸ Relative Change from December 31, 2021 to October 1, 2022

	Factor	Change	Effect on ERP
Financial Markets	European Equity Markets	▼	A
	Implied Equity Market Volatility	A	A
	Corporate Credit Spreads	A	A
	Dividend Discount Model Implied ERP	A	A
	Default Spread Model	A	A
Economic Indicators	Historical & Projected Real GDP Growth	▼	A
	Unemployment	▼	▼
	Consumer Sentiment	▼	A
	Business Confidence	▼	A
	Sovereign Credit Ratings	∢ ▶	∢ ►
	Economic Policy Uncertainty (EPU) Index	A	A

⁸ While our models have been updated through October 1st, economic and market conditions have not changed materially through the middle of October 2022.

Exhibit 5: Kroll Eurozone Conditional ERP – Quantitative Models⁹ December 2014 to October 14, 2022



Source of underlying data: Refinitiv I/B/E/S estimates and market data, Capital IQ, Bloomberg, various sources for German long-term real GDP and inflation estimates. Analysis by Kroll.

⁹ The Dividend Discount Model – Bottom -Up is only updated through the end of each month. The September 30, 2022 indication was carried through October 14, 2022.