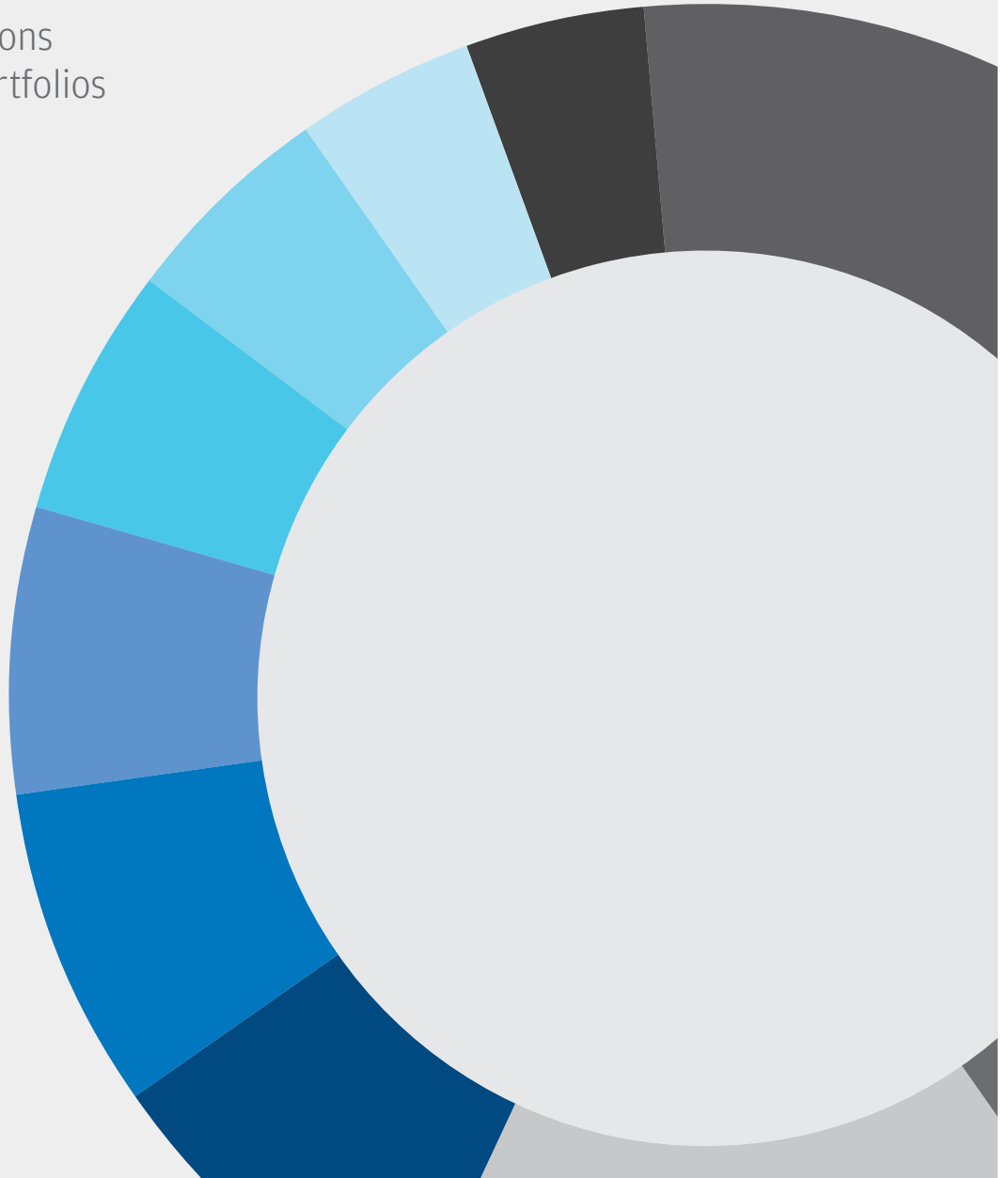


2022 Long-Term Capital Market Assumptions

26th Annual Edition | Assumptions matrix: Chinese yuan

Time-tested projections
to build stronger portfolios



CHINESE YUAN ASSUMPTIONS

		COMPOUND RETURN 2021 (%)				CORRELATIONS																								
		ANNUALIZED VOLATILITY (%)				Chinese Inflation	Chinese Cash	Chinese Government Bonds	Chinese Corporate Bonds	U.S. Aggregate Bonds	Global Aggregate Bonds	U.S. Inv Grade Corporate Bonds	U.S. High Yield Bonds	Emerging Markets Sovereign Debt	Emerging Markets Local Currency Debt	Chinese Domestic Equity	China Offshore Listed & Hong Kong Equity	Hong Kong Equity	MSCI China Equity	U.S. Large Cap	European Large Cap	Japanese Equity	AC Asia ex-Japan Equity	Emerging Markets Equity	AC World Equity	Diversified Hedge Funds	Commodities	Gold		
		ARITHMETIC RETURN 2022 (%)				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		COMPOUND RETURN 2022 (%)				2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
FIXED INCOME	Chinese Inflation	2.50%	2.52%	1.91%	2.50%	1.00																								
	Chinese Cash	2.40%	2.41%	1.21%	2.50%	-0.01	1.00																							
	Chinese Government Bonds	3.40%	3.44%	2.96%	3.60%	-0.07	0.08	1.00																						
	Chinese Corporate Bonds	4.40%	4.44%	2.76%	4.40%	-0.16	0.18	0.76	1.00																					
	U.S. Aggregate Bonds	1.00%	1.10%	4.56%	0.90%	-0.10	0.09	0.21	0.21	1.00																				
	Global Aggregate Bonds	1.00%	1.16%	5.61%	0.90%	-0.04	0.15	0.13	0.12	0.74	1.00																			
	U.S. Inv Grade Corporate Bonds	1.20%	1.45%	7.12%	1.30%	-0.07	0.08	0.08	0.08	0.83	0.73	1.00																		
	U.S. High Yield Bonds	2.30%	2.66%	8.57%	3.60%	0.01	0.02	-0.11	-0.02	0.31	0.40	0.64	1.00																	
	Emerging Markets Sovereign Debt	3.60%	3.98%	8.96%	4.00%	-0.09	0.09	0.02	0.09	0.58	0.69	0.79	0.75	1.00																
	Emerging Markets Local Currency Debt	4.30%	4.90%	11.31%	4.00%	-0.05	0.10	0.01	0.03	0.23	0.60	0.47	0.57	0.76	1.00															
EQUITIES	Chinese Domestic Equity	6.60%	10.22%	28.99%	6.30%	0.09	0.06	-0.16	-0.20	-0.06	0.06	0.13	0.30	0.24	0.27	1.00														
	China Offshore Listed & Hong Kong Equity	4.80%	6.84%	21.17%	5.50%	-0.02	0.13	-0.13	-0.15	-0.02	0.25	0.28	0.52	0.48	0.61	0.65	1.00													
	Hong Kong Equity	5.30%	6.96%	19.08%	6.40%	-0.01	0.14	-0.09	-0.10	-0.01	0.24	0.32	0.58	0.51	0.61	0.54	0.90	1.00												
	MSCI China Equity	4.70%	7.23%	23.73%	5.40%	-0.02	0.11	-0.15	-0.16	-0.02	0.24	0.26	0.47	0.44	0.58	0.66	0.99	0.82	1.00											
	U.S. Large Cap	2.50%	3.53%	14.69%	2.90%	-0.07	-0.01	-0.13	-0.13	0.02	0.24	0.32	0.69	0.51	0.55	0.36	0.60	0.65	0.55	1.00										
	European Large Cap	4.80%	6.32%	18.20%	5.20%	-0.05	0.02	-0.16	-0.14	0.00	0.36	0.34	0.69	0.59	0.69	0.37	0.68	0.74	0.63	0.86	1.00									
	Japanese Equity	5.10%	6.05%	14.29%	5.30%	0.00	0.00	-0.14	-0.14	0.01	0.21	0.32	0.59	0.46	0.54	0.29	0.56	0.60	0.52	0.71	0.74	1.00								
	AC Asia ex-Japan Equity	5.40%	7.10%	19.32%	5.90%	-0.01	0.13	-0.13	-0.12	0.00	0.32	0.35	0.64	0.56	0.71	0.57	0.93	0.89	0.90	0.72	0.80	0.63	1.00							
	Emerging Markets Equity	5.30%	7.10%	19.89%	6.00%	0.00	0.10	-0.14	-0.11	-0.02	0.34	0.33	0.66	0.59	0.77	0.52	0.88	0.85	0.85	0.74	0.83	0.65	0.97	1.00						
	AC World Equity	3.40%	4.52%	15.39%	3.90%	-0.05	0.02	-0.15	-0.13	0.01	0.32	0.36	0.73	0.59	0.68	0.41	0.73	0.76	0.68	0.96	0.95	0.78	0.84	0.87	1.00					
ALTS	Diversified Hedge Funds	2.00%	2.26%	7.25%	2.10%	0.05	0.00	-0.19	-0.10	0.26	0.26	0.47	0.67	0.50	0.32	0.33	0.42	0.47	0.39	0.65	0.61	0.54	0.51	0.54	0.67	1.00				
	Commodities	1.00%	2.16%	15.55%	1.10%	0.11	-0.03	-0.21	-0.14	-0.06	0.31	0.18	0.45	0.35	0.48	0.21	0.45	0.45	0.43	0.46	0.53	0.36	0.51	0.59	0.55	0.48	1.00			
	Gold	1.40%	2.79%	17.08%	1.70%	0.11	0.16	0.04	0.01	0.33	0.52	0.33	0.10	0.33	0.35	0.13	0.15	0.13	0.14	-0.04	0.03	-0.07	0.14	0.17	0.03	0.08	0.35	1.00		

Note: All estimates on this page are in Chinese yuan terms. Given the complex risk-reward trade-offs involved, we advise clients to rely on judgment as well as quantitative optimization approaches in setting strategic allocations to all of these asset classes and strategies. Please note that all information shown is based on qualitative analysis. Exclusive reliance on this information is not advised. This information is not intended as a recommendation to invest in any particular asset class or strategy or as a promise of future performance. Note that these asset class and strategy assumptions are passive only—they do not consider the impact of active management. References to future returns are not promises or even estimates of actual returns a client portfolio may achieve. Assumptions, opinions and estimates are provided for illustrative purposes only. They should not be relied upon as recommendations to buy or sell securities. Forecasts of financial market trends that are based on current market conditions constitute our judgment and are subject to change without notice. We believe the information provided here is reliable, but do not warrant its accuracy or completeness. This material has been prepared for information purposes only and is not intended to provide, and should not be relied on for, accounting, legal or tax advice.

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