

Initial portfolio value = \$ 1000013.0

Period 1: start date 01/02/2020, end date 02/28/2020

Strategy "Buy and Hold", value begin = \$ 1000013.00, value end = \$ 893956.82
Strategy "Equally Weighted Portfolio", value begin = \$ 990898.24, value end = \$ 893208.59
Strategy "Minimum Variance Portfolio", value begin = \$ 992758.41, value end = \$ 916240.12
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 990064.08, value end = \$ 922087.12
Strategy "Equal risk contributions", value begin = \$ 991764.84, value end = \$ 904269.40
Strategy "Leveraged equal risk contributions", value begin = \$ 987625.96, value end = \$ 801842.66
Strategy "Robust mean-variance optimization", value begin = \$ 992214.57, value end = \$ 917833.69

Period 2: start date 03/02/2020, end date 04/30/2020

Strategy "Buy and Hold", value begin = \$ 945076.08, value end = \$ 949228.39
Strategy "Equally Weighted Portfolio", value begin = \$ 931395.29, value end = \$ 862353.83
Strategy "Minimum Variance Portfolio", value begin = \$ 955988.34, value end = \$ 851552.27
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 962073.71, value end = \$ 1017232.42
Strategy "Equal risk contributions", value begin = \$ 943554.83, value end = \$ 857984.71
Strategy "Leveraged equal risk contributions", value begin = \$ 880457.10, value end = \$ 711261.14
Strategy "Robust mean-variance optimization", value begin = \$ 963167.53, value end = \$ 947878.18

Period 3: start date 05/01/2020, end date 06/30/2020

Strategy "Buy and Hold", value begin = \$ 937916.75, value end = \$ 913415.30
Strategy "Equally Weighted Portfolio", value begin = \$ 831101.45, value end = \$ 934159.54
Strategy "Minimum Variance Portfolio", value begin = \$ 827264.88, value end = \$ 854237.62
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 974382.43, value end = \$ 1175786.72
Strategy "Equal risk contributions", value begin = \$ 827544.07, value end = \$ 923533.33
Strategy "Leveraged equal risk contributions", value begin = \$ 650801.50, value end = \$ 841078.83
Strategy "Robust mean-variance optimization", value begin = \$ 919674.19, value end = \$ 997796.15

Period 4: start date 07/01/2020, end date 08/31/2020

Strategy "Buy and Hold", value begin = \$ 905419.70, value end = \$ 994693.42
Strategy "Equally Weighted Portfolio", value begin = \$ 927755.25, value end = \$ 1060727.96
Strategy "Minimum Variance Portfolio", value begin = \$ 856556.48, value end = \$ 981500.25
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 1219677.78, value end = \$ 1606749.62
Strategy "Equal risk contributions", value begin = \$ 919911.78, value end = \$ 1060207.85
Strategy "Leveraged equal risk contributions", value begin = \$ 833606.02, value end = \$ 1113205.59
Strategy "Robust mean-variance optimization", value begin = \$ 1002082.91, value end = \$ 1140319.43

Period 5: start date 09/01/2020, end date 10/30/2020

Strategy "Buy and Hold", value begin = \$ 993194.54, value end = \$ 971914.18
Strategy "Equally Weighted Portfolio", value begin = \$ 1068338.47, value end = \$ 999243.10
Strategy "Minimum Variance Portfolio", value begin = \$ 983247.54, value end = \$ 942756.98
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 1640724.87, value end = \$ 1553110.75
Strategy "Equal risk contributions", value begin = \$ 1068126.51, value end = \$ 1002768.01

Strategy "Leveraged equal risk contributions", value begin = \$ 1128975.29, value end = \$ 998690.52
Strategy "Robust mean-variance optimization", value begin = \$ 1145563.91, value end = \$ 1097253.48

Period 6: start date 11/02/2020, end date 12/31/2020

Strategy "Buy and Hold", value begin = \$ 983801.02, value end = \$ 1004435.74
Strategy "Equally Weighted Portfolio", value begin = \$ 1008081.57, value end = \$ 1194326.17
Strategy "Minimum Variance Portfolio", value begin = \$ 951192.00, value end = \$ 1005965.27
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 1551710.50, value end = \$ 1789114.22
Strategy "Equal risk contributions", value begin = \$ 1010990.80, value end = \$ 1186792.03
Strategy "Leveraged equal risk contributions", value begin = \$ 1015129.58, value end = \$ 1366280.88
Strategy "Robust mean-variance optimization", value begin = \$ 1104553.84, value end = \$ 1239463.61

Period 7: start date 01/04/2021, end date 02/26/2021

Strategy "Buy and Hold", value begin = \$ 1005601.39, value end = \$ 956244.08
Strategy "Equally Weighted Portfolio", value begin = \$ 1180783.14, value end = \$ 1267218.28
Strategy "Minimum Variance Portfolio", value begin = \$ 1003981.40, value end = \$ 975148.49
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 1737553.76, value end = \$ 1851368.10
Strategy "Equal risk contributions", value begin = \$ 1173763.69, value end = \$ 1226772.08
Strategy "Leveraged equal risk contributions", value begin = \$ 1340316.32, value end = \$ 1445660.80
Strategy "Robust mean-variance optimization", value begin = \$ 1226135.01, value end = \$ 1223490.20

Period 8: start date 03/01/2021, end date 04/30/2021

Strategy "Buy and Hold", value begin = \$ 957791.35, value end = \$ 1019731.32
Strategy "Equally Weighted Portfolio", value begin = \$ 1297587.56, value end = \$ 1398874.11
Strategy "Minimum Variance Portfolio", value begin = \$ 975468.82, value end = \$ 1088054.39
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 1899745.55, value end = \$ 2059574.84
Strategy "Equal risk contributions", value begin = \$ 1250751.78, value end = \$ 1362050.22
Strategy "Leveraged equal risk contributions", value begin = \$ 1493509.44, value end = \$ 1716148.95
Strategy "Robust mean-variance optimization", value begin = \$ 1233666.22, value end = \$ 1365709.00

Period 9: start date 05/03/2021, end date 06/30/2021

Strategy "Buy and Hold", value begin = \$ 1022204.61, value end = \$ 987842.85
Strategy "Equally Weighted Portfolio", value begin = \$ 1397748.67, value end = \$ 1459313.30
Strategy "Minimum Variance Portfolio", value begin = \$ 1087868.73, value end = \$ 1076783.13
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 2051037.06, value end = \$ 2014883.10
Strategy "Equal risk contributions", value begin = \$ 1361002.02, value end = \$ 1390889.63
Strategy "Leveraged equal risk contributions", value begin = \$ 1714037.08, value end = \$ 1773720.66
Strategy "Robust mean-variance optimization", value begin = \$ 1364616.64, value end = \$ 1362283.14

Period 10: start date 07/01/2021, end date 08/31/2021

Strategy "Buy and Hold", value begin = \$ 993283.49, value end = \$ 975250.19
Strategy "Equally Weighted Portfolio", value begin = \$ 1466719.25, value end = \$ 1517805.45
Strategy "Minimum Variance Portfolio", value begin = \$ 1076813.56, value end = \$ 1086661.37
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 2013740.32, value end = \$ 2121759.90

Strategy "Equal risk contributions", value begin = \$ 1397128.55, value end = \$ 1448789.01
Strategy "Leveraged equal risk contributions", value begin = \$ 1786179.40, value end = \$ 1889556.82
Strategy "Robust mean-variance optimization", value begin = \$ 1365053.95, value end = \$ 1403921.84

Period 11: start date 09/01/2021, end date 10/29/2021

Strategy "Buy and Hold", value begin = \$ 974520.08, value end = \$ 949068.41
Strategy "Equally Weighted Portfolio", value begin = \$ 1513571.60, value end = \$ 1563474.39
Strategy "Minimum Variance Portfolio", value begin = \$ 1081129.14, value end = \$ 1057285.32
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 2102413.32, value end = \$ 2144854.73
Strategy "Equal risk contributions", value begin = \$ 1442868.67, value end = \$ 1457697.42
Strategy "Leveraged equal risk contributions", value begin = \$ 1877629.53, value end = \$ 1907362.41
Strategy "Robust mean-variance optimization", value begin = \$ 1395095.53, value end = \$ 1364723.09

Period 12: start date 11/01/2021, end date 12/31/2021

Strategy "Buy and Hold", value begin = \$ 951350.41, value end = \$ 932471.35
Strategy "Equally Weighted Portfolio", value begin = \$ 1584847.25, value end = \$ 1646671.96
Strategy "Minimum Variance Portfolio", value begin = \$ 1054688.50, value end = \$ 1048743.13
Strategy "Maximum Sharpe Ratio Portfolio", value begin = \$ 2113773.28, value end = \$ 2217106.01
Strategy "Equal risk contributions", value begin = \$ 1467876.00, value end = \$ 1520269.68
Strategy "Leveraged equal risk contributions", value begin = \$ 1927776.42, value end = \$ 2032984.44
Strategy "Robust mean-variance optimization", value begin = \$ 1358271.60, value end = \$ 1388387.41