

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

US 10YR NOTE (CBT)DEC20 TYZ0	77.27
UBSPUSER R US0001M P 05/22/23 UB	39.95
CGPUTQL2 R US0003M P 06/10/21 CI	39.60
MLFCF15 R US0003M P 06/20/23 BA	37.88
GSGLPWDL R US0001M P 12/15/25 GS	33.08
GSGLPW2L R US0001M P 12/15/25 GS	29.40
JPCMPTFL R US0001M P 08/27/21 JP	16.71
FNMA FN30 TBA UMBS 02.5000 09/01/2050	8.40
FNMA FN30 TBA UMBS 04.0000 09/01/2050	4.25
FNMA FN30 TBA UMBS 03.5000 10/01/2050	4.21
FNMA FN30 TBA UMBS 03.0000 09/01/2050	4.21
CASH MGMT BILL 00.0000 11/17/2020	3.59
GSISXT27 R 0.2 P 12/15/20 GS	3.32
GSVIUS85 R 0.45 P 12/15/20 GS	2.63
HEALTH CARE SELECT SECTOR SEDOL 2371823	2.55
US 10YR ULTRA FUT DEC20 UXYZ0	2.55
GSGLPHCL R US0001M P 12/15/25 GS	2.53
MANHATTAN ASSET FUNDING CO LL 56274LKD5 DCP 10/13/2020	2.00
ALIBABA GROUP HOLDING-SP ADR SEDOL BP41ZD1	1.97
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X 144A NOTE 1/12/2	1.94
CITI COMMOD F3-F0 4X LEVERED INDEX 3X NOTE 1/25/2021	1.92
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.71
S&P GSCI ER INDEX	1.59
TREASURY BILL 00.0000 09/03/2020	1.51
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	1.44
COMM SERV SELECT SECTOR SPDR SEDOL BFXHC51	1.43
NDEUSIA R US0003M P 02/12/21 UB	1.41
CONSUMER STAPLES SPDR SEDOL 2369389	1.40
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	1.37
GSVIVV69 R 0.3 P 12/15/20 GS	1.29
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.26
TENCENT HOLDINGS LTD SEDOL BMMV2K8	1.25
CITI CROSS-ASSET TREND 10% VOL INDEX 3X 144A NOTE 9/28/2021	1.20
NATIONAL BANK OF CANADA 63307LJ28 DCP 09/02/2020	1.00
FED HOME LN DISCOUNT NT 313384F38 GDC 09/09/2020	1.00
METLIFE SHORT TERM FUNDING LL 59157TJA2 DCP 09/10/2020	1.00
SKANDINAVISKA ENSKILDA BANKEN 83050TK83 DCP 10/08/2020	1.00
CHARIOT FUNDING LLC 15963TKE8 DCP 10/14/2020	1.00
ATLANTIC ASSET SECURITIZATION 04821TL60 DCP 11/06/2020	1.00
BPCE SA 05571BKU6 DCP 10/28/2020	1.00
ALPINE SECURITIZATION LLC 02088WKF6 DCP 10/15/2020	1.00
OLD LINE FUNDING LLC 67984XGP5 DCP 10/29/2020	1.00
ISHARES MSCI INDIA ETF SEDOL B6XGR72	0.85
GSVICUB3 R 0.45 P 12/15/20 GS	0.81
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.72

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

TREASURY BILL	00.0000 09/24/2020	0.69
S&P GSCI ER INDEX		0.69
TREASURY BILL	00.0000 09/10/2020	0.61
JD.COM INC-ADR	SEDOL BMM27D9	0.60
KWEICHOW MOUTAI CO LTD-A 144A/REGS WARRANT	08/07/2020	0.53
YUM CHINA HOLDINGS INC	SEDOL BYW4289	0.52
SANY HEAVY INDUSTRY CO LTD 144A REGS WARRANT	12/21/2020	0.47
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO LTD 144A/REGS		0.45
GSVIVVOL R 0.3 P 12/15/20 GS		0.44
LG ELECTRONICS INC	SEDOL 6520739	0.43
POLY DEVELOPMENTS AND HOLD 144A/REGS WARRANT	07/29/20	0.41
ANHUI CONCH CEMENT CO LTD-H	SEDOL 6080396	0.40
CHAROEN POKPHAND FOOD-FORGN	SEDOL B5L2DG6	0.40
GREE ELECTRIC 144A/REGS WARRANT	08/24/2021	0.38
SEEGENE INC	SEDOL B679Q36	0.37
NETEASE INC-ADR	SEDOL 2606440	0.36
MMC NORILSK NICKEL PJSC-ADR	SEDOL BYSW6D0	0.36
BB SEGURIDADE PARTICIPACOES	SEDOL B9N3SQ0	0.33
VIPSHOP HOLDINGS LTD - ADR	SEDOL B3N0H17	0.33
REPUBLICA ORIENT URUGUAY USD 04.3750	10/27/2027	0.33
UNITED MICROELECTRONICS CORP	SEDOL 6916628	0.32
IND & COMM BK OF CHINA-H	SEDOL B1G1QD8	0.29
ANGLO AMERICAN PLATINUM LTD	SEDOL 6761000	0.29
CHINA MOBILE LTD	SEDOL 6073556	0.28
CAS 2016-C02 1B	12.4251 09/25/2028	0.28
CHAILEASE HOLDING CO LTD	SEDOL B58J1S8	0.28
LUKOIL PJSC-SPON ADR	SEDOL BYZDW27	0.28
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.26
SOUTHERN COPPER CORP	SEDOL 2823777	0.26
REALTEK SEMICONDUCTOR CORP	SEDOL 6051422	0.26
CHINA MERCHANTS BANK-H	SEDOL B1DYPZ5	0.26
HUNDSUN TECHNOLOGIES INC 144A/REGS WARRANT	07/29/2021	0.25
PTT EXPLORATION & PROD-FOR	SEDOL B1359J0	0.25
BANK OF SHANGHAI 144A/REGS WARRANT	12/02/2020	0.24
VALE SA-SP ADR	SEDOL 2857334	0.24
HANA FINANCIAL GROUP	SEDOL B0RNRF5	0.24
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24	0.24
INTER RAO UES PJSC	SEDOL B39RRN4	0.23
COUNTRY GARDEN SERVICES HOLD	SEDOL BDQZP48	0.22
FNR 2017-74 SA IO	05.5749 10/25/2047	0.22
HARTALEGA HOLDINGS BHD	SEDOL B2QPJK5	0.22
NCISOFT CORP	SEDOL 6264189	0.22
CHINA RESOURCES CEMENT	SEDOL B41XC98	0.21
CDX CDX.EM.33	100.0 06/20/2025	0.21
CDX CDX.NA.HY.34	500.0 06/20/2025	0.19

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

WEICHAI POWER CO LTD-H	SEDOL 6743956	0.19
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X NOTE 9/2/2021		0.19
ADVANCED INFO SERVICE-FOR RG	SEDOL 6412591	0.18
KUMBA IRON ORE LTD	SEDOL B1G4262	0.18
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP		0.17
BANCO MACRO SA-ADR	SEDOL B0Y62M9	0.17
DAELIM INDUSTRIAL CO LTD	SEDOL 6249584	0.17
FUBON FINANCIAL HOLDING CO	SEDOL 6411673	0.17
QUANTA COMPUTER INC	SEDOL 6141011	0.17
FOSHAN HAITIAN FLAVOURING & FOOD 144A/REGS WARRANT 03/		0.17
RADIANT OPTO-ELECTRONICS COR	SEDOL 6520278	0.16
GLOBALWAFERS CO LTD	SEDOL BS7JP33	0.16
GNR 2018-153 AI IO	04.5000 09/16/2045	0.15
SOULBRAIN CO LTD/NEW	SEDOL BKPN4N4	0.15
BANCO SANTANDER BRASIL-UNIT	SEDOL B4V5RY4	0.15
PARADE TECHNOLOGIES LTD	SEDOL B6RV676	0.14
WFRBS 2012-C7 F P/P 144A 04.5000 06/15/2045		0.14
CHINA FEIHE LTD	SEDOL BKOSBL1	0.14
CAS 2017-C02 2M2	03.8251 09/25/2029	0.14
DINO POLSKA SA	SEDOL BD0YVN2	0.13
HYPERA SA	SEDOL B2QY968	0.13
SINOTRUK HONG KONG LTD	SEDOL B296ZH4	0.13
FNR 2016-3 MI IO	05.5000 02/25/2046	0.12
SHANGHAI PUDONG DEV BANK 144A/REGS WARRANT		0.12
KIA MOTORS CORP	SEDOL 6490928	0.12
SPY 20210820 P 275.00CITI		0.12
ELECTRICITY GEN PUB CO-FOR R	SEDOL 6304643	0.12
HYUNDAI MOBIS CO LTD	SEDOL 6449544	0.12
MWST 2019-1 A	00.9751 06/25/2052	0.12
GNR 2014-184 DI IO	05.5000 12/16/2044	0.11
FNR 2015-30 IO IO	05.5000 05/25/2045	0.11
POLSKI KONCERN NAFTOWY ORLEN	SEDOL 5810066	0.11
SPST 2019-7 A	00.8833 09/24/2020	0.11
CMLTI 2007-AR5 1A1A	03.9575 04/25/2037	0.11
SURGUTNEFTEGAS-PREFERENCE	SEDOL 5005884	0.11
PRESIDENT CHAIN STORE CORP	SEDOL 6704986	0.11
GNR 2015-H11 CI IO	02.7568 05/20/2065	0.11
COM7 PCL-F	SEDOL BZ2YN49	0.11
GRUPO FINANCIERO GALICIA-ADR	SEDOL 2613570	0.11
SPST 2019-11 A	00.9333 10/24/2020	0.11
GNR 2010-125 SD IO	06.5181 01/16/2040	0.11
LITE-ON TECHNOLOGY CORP	SEDOL 6519481	0.11
SCRT 2019-4 M	04.5000 02/25/2059	0.11
WANT WANT CHINA HOLDINGS LTD	SEDOL B2Q14Z3	0.11
QUALICORP CONS E CORR SEG SA	SEDOL B4LHBQ0	0.10

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

LOGAN GROUP CO LTD	SEDOL BH6X937	0.10
FNR 2018-51 IO IO	06.5000 07/25/2048	0.10
SHRP 2020-1 NOTE	03.1500 07/25/2024	0.10
SPST 2020-2 A	01.0043 03/26/2021	0.10
BANK OF JIANGSU CO LTD- A 144A/REGS WARRANT 08/07/2020		0.10
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.10
WALMART DE MEXICO SAB DE CV	SEDOL BW1YVH8	0.10
UNITED MEXICAN STATES	USD 05.5500 01/21/2045	0.09
PETROBRAS GLOBAL FINANCE	USD 06.2500 03/17/2024	0.09
ENBRIDGE INC	USD 04.2500 12/01/2026	0.09
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.09
GNR 2016-H02 BI IO	03.3806 11/20/2065	0.09
ECOPETROL SA-SPONSORED ADR	SEDOL B3D6J19	0.09
FNR 2016-88 SK IO	05.8249 12/25/2046	0.09
FNR 2020-47 ID IO	04.0000 07/25/2050	0.09
ORION CORP/REPUBLIC OF KOREA	SEDOL BDVLJ72	0.09
SEAZEN HOLDINGS CO 144A/REGS WARRANT 05/06/2021		0.09
FNR 2017-8 SB IO	05.9249 02/25/2047	0.09
SPY 20210716 P 255.00CITI		0.08
GNR 2017-H11 NI IO	02.5113 05/20/2067	0.08
GNR 2015-H25 BI IO	03.5505 10/20/2065	0.08
MARFRIG GLOBAL FOODS SA	SEDOL B1YWHR4	0.08
BURSA MALAYSIA BHD	SEDOL B06FV38	0.08
GNR 2015-H15 JI IO	01.9573 06/20/2065	0.08
SYNNEX TECHNOLOGY INTL CORP	SEDOL 6868439	0.08
MISC BHD	SEDOL 6557997	0.08
GNR 2015-H24 HI IO	02.0451 09/20/2065	0.07
CIA SANEAMENTO BASICO DE SP	SEDOL B1YCHL8	0.07
GNR 2018-91 SJ IO	06.0920 07/20/2048	0.07
SAMSUNG ENGINEERING CO LTD	SEDOL 6765239	0.07
FNR 2017-108 SA IO	05.9749 01/25/2048	0.07
GNR 2016-135 PI IO	04.0000 05/20/2046	0.07
GNR 2019-121 DS IO	05.9420 08/20/2049	0.07
STACR 2020-HQA2 M2	03.2751 03/25/2050	0.07
PROVINCIA DE BUENOS P/P 144A 10.8750 01/26/2021		0.07
FHR 4964 IA IO	04.5000 03/25/2050	0.07
GNR 2015-H25 AI IO	01.6152 09/20/2065	0.07
SPY 20210618 P 250.00JPMCB		0.06
GNR 2010-68 SD IO	06.4220 06/20/2040	0.06
CAS 2017-C03 1M2	03.1751 10/25/2029	0.06
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.06
FNR 2012-19 S IO	05.7749 03/25/2042	0.06
GNR 2016-51 MS IO	05.8920 04/20/2046	0.06
CHINA YUHUA EDUCAT	SEDOL BYWPGC4	0.06
GNR 2017-H14 DI IO	01.7107 06/20/2067	0.06

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

FORD OTOMOTIV	SEDOL B03MSR5	0.06
GNR 2015-H09 AI IO	03.2098 04/20/2065	0.06
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CG		0.06
FENG TAY ENTERPRISE CO LTD	SEDOL 6336055	0.06
PETRONAS GAS BHD	SEDOL 6703972	0.06
FNR 2017-32 IP IO	04.5000 05/25/2047	0.05
GNR 2018-H05 AI IO	02.5350 02/20/2068	0.05
WFRBS 2011-C3 E P/P 144A05.0000 03/15/2044		0.05
GNR 2016-150 I IO	05.0000 11/20/2046	0.05
WAMU 2004-AR12 A2B	01.0951 10/25/2044	0.05
FNR 2016-65 CS IO	05.9249 09/25/2046	0.05
GNR 2014-H21 AI IO	03.2488 10/20/2064	0.05
GNR 2018-104 SD IO	06.0420 08/20/2048	0.05
GNR 2015-H20 CI IO	02.9913 08/20/2065	0.05
GNR 2017-H02 BI IO	02.3852 01/20/2067	0.05
BBVA ARGENTINA SA-ADR	SEDOL BKT4TC7	0.05
KOSSAN RUBBER INDUSTRIES	SEDOL B0DD1H9	0.05
PETROBRAS GLOBAL FINANCE USD 06.1250 01/17/2022		0.05
CAS 2015-C04 1M2	05.8751 04/25/2028	0.05
PETROBRAS GLOBAL FINANCE USD 08.7500 05/23/2026		0.05
GNR 2015-H19 NI IO	01.9110 07/20/2065	0.05
SUN ART RETAIL GROUP LTD	SEDOL B3MPN59	0.05
TOFAS OTOMOBIL FAB	SEDOL B03MY33	0.05
GNR 2015-H09 BI IO	01.6923 03/20/2065	0.05
FNR 2013-130 SD IO	06.4249 01/25/2044	0.05
GNR 2015-H24 BI IO	01.6095 08/20/2065	0.05
HMSAMPOERNA TBK PT	SEDOL 6404242	0.05
NIEN MADE ENTERPRISE CO LTD	SEDOL BSZLN15	0.05
SPY 20210521 P 235.00BANKAM		0.05
PETROBRAS GLOBAL FIN USD 05.9990 01/27/2028		0.04
SIME DARBY BERHAD	SEDOL B29TTR1	0.04
GNR 2015-H22 GI IO	02.5932 09/20/2065	0.04
GNR 2015-H26 GI IO	01.8009 10/20/2065	0.04
JPMBB 2013-C14 E P/P 144A04.8585 08/15/2046		0.04
GNR 2016-H03 AI IO	03.3130 01/20/2066	0.04
GSMS 2014-GC24 D P/P 144A04.6645 09/10/2047		0.04
CAS 2017-C02 2B1	05.6751 09/25/2029	0.04
GNR 2017-H06 BI IO	02.2975 02/20/2067	0.04
SOULBRAIN HOLDINGS CO LTD	SEDOL B0105T2	0.04
GNR 2015-H10 CI IO	01.8050 04/20/2065	0.04
EUR/USD CALL 1.23 20210215 UBS		0.04
EUR/USD CALL 1.23 20210215 BANKAM		0.04
FHR 4752 PS IO	06.0381 11/15/2047	0.04
JPMCC 2006-LDP9 AMS	05.3370 05/15/2047	0.04
GNR 2015-53 MI IO	04.0000 04/16/2045	0.04

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

FHR 4134 PI IO	03.0000	11/15/2042	0.04
GNR 2016-H08 GI IO	01.4319	04/20/2066	0.04
PLDT INC	SEDOL BDN274		0.04
FNR 2016-3 NI IO	06.0000	02/25/2046	0.03
SEK/USD 09/16/2020 SSBT			0.03
CMB CMBX.NA.BBB-7 2047-01-17	300.0	01/17/2047 MS	0.03
GNR 2015-80 IA IO	04.5000	06/20/2045	0.03
POU CHEN	SEDOL 6696157		0.03
CMB CMBX.NA.BB.6 2063-05-11	500.0	05/11/2063 CS	0.03
PETROLEOS MEXICANOS	USD 06.3750	01/23/2045	0.03
SPY 20210416 P 225.00	BANKAM		0.03
FEDERAL GRID CO UNIFIED ENER	SEDOL B39RR67		0.03
TECO ELECTRIC & MACHINERY	SEDOL 6879851		0.03
GNR 2016-H16 DI IO	02.6452	06/20/2066	0.03
GNR 2015-167 BI IO	04.5000	04/16/2045	0.03
CAS 2018-C05 1M2	02.5251	01/25/2031	0.03
GNR 2015-H16 XI IO	02.4181	07/20/2065	0.03
AUD/USD 10/21/2020 HSBCB			0.03
GNR 2013-6 AI IO	03.5000	08/20/2039	0.03
GNR 2018-127 IB IO	04.5000	06/20/2045	0.03
GNR 2015-105 LI IO	05.0000	10/20/2039	0.03
GNR 2015-187 JI IO	04.0000	03/20/2045	0.03
GNR 2016-37 IW IO	04.5000	02/20/2046	0.03
GNR 2014-146 EI IO	05.0000	10/20/2044	0.03
GNR 2011-17 S IO	05.8920	02/20/2041	0.03
CAS 2020-R01 1B1	03.4251	01/25/2040	0.03
EUR/USD CALL 1.22 20210127	BANKAM		0.03
GNR 2010-9 UI IO	05.0000	01/20/2040	0.03
RUENTEX DEVELOPMENT CO LTD	SEDOL 6748423		0.03
CMB CMBX.NA.BB.7 2047-01-17	500.0	01/17/2047 GS	0.03
CAS 2017-C06 2M2	02.9751	02/25/2030	0.02
GNR 2016-H04 KI IO	03.0486	02/20/2066	0.02
BANK BTPN SYARIAH TBK PT	SEDOL BFNBJ41		0.02
GNR 2013-20 QI IO	04.5000	12/16/2042	0.02
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 CS	0.02
FNR 2017-2 KI IO	04.0000	02/25/2047	0.02
CWHL 2005-3 1A1	00.7951	04/25/2035	0.02
QUALITAS CONTROLADORA SAB CV	SEDOL BYMXF65		0.02
GNR 2017-57 AI IO	04.0000	06/20/2045	0.02
FHR 4259 DI IO	04.0000	06/15/2043	0.02
SEK/USD 09/16/2020 UBS			0.02
BANK OF CHINA LTD-H	SEDOL B154564		0.02
GNR 2018-127 ID IO	05.0000	07/20/2045	0.02
SEK/USD 09/16/2020 GSFX			0.02
KT CORP	SEDOL 6505316		0.02

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

USD/JPY PUT 105.00 20201124 BANKAM	0.02
USD/JPY PUT 105.00 20201124 GSFX	0.02
GNR 2009-121 UI IO 05.0000 12/20/2039	0.02
FHR 4568 MI IO 04.0000 04/15/2046	0.02
WESTPORTS HOLDINGS BHD SEDOL BDFM1K8	0.02
GNR 2018-127 IE IO 03.5000 01/20/2046	0.02
GNR 2010-20 UI IO 05.0000 02/20/2040	0.02
NZD/USD 10/21/2020 UBS	0.02
SPY 20210319 P 195.00JPMCB	0.02
IOS.FN30.400.14 R USL1M P 01/12/45 CS	0.02
GNR 2014-163 NI IO 05.0000 02/20/2044	0.02
FHR 4801 IG IO 03.0000 06/15/2048	0.02
IOS.FN30.350.12 R USL1M P 01/12/43 CS	0.02
GNR 2015-24 IA IO 03.5000 02/20/2045	0.02
CAD/USD 10/21/2020 HSBCB	0.02
EUR/USD CALL 1.21 20201028 BANKAM	0.02
GNR 2015-H18 IA IO 01.8467 06/20/2065	0.02
GNR 2015-H10 EI IO 01.6167 04/20/2065	0.02
CHINA BIOLOGIC PRODUCTS HOLD SEDOL BFOG7L2	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 ML	0.01
GNR 2011-H15 AI IO 01.5271 06/20/2061	0.01
GNR 2013-129 SN IO 05.9920 09/20/2043	0.01
EUR/CHF CALL 1.10 20201209 CSI-FX	0.01
AUD/USD 10/21/2020 TDBK	0.01
GNR 2016-75 EI IO 03.5000 08/20/2045	0.01
AUD/USD 10/21/2020 WPAC	0.01
SWPTN 2MX5Y P 0.359 USD 10/13/2020 BC	0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.01
FNR 2013-35 PI IO 03.0000 02/25/2042	0.01
EUR/USD 09/16/2020 CITI	0.01
FHR 3747 SA IO 06.3381 10/15/2040	0.01
FHR 4193 PI IO 04.0000 03/15/2043	0.01
UBSBB 2012-C2 F P/P 144A 05.0000 05/10/2063	0.01
SWPTN 5YX30Y R 2.8325 USD 02/15/2022 JP	0.01
TRANSMISSORA ALIANCA DE-UNIT SEDOL B1G8KX7	0.01
EUR/USD 09/16/2020 BANKAM	0.01
GNR 2013-24 PI IO 04.0000 11/20/2042	0.01
1.00 R ISWP FWD AUDBB6M P 09/16/2030	0.01
NZD/USD 10/21/2020 SSBT	0.01
EUR/USD 09/16/2020 HSBCB	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 ML	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
PROVINCIA DE BUENOS 33.4738 05/31/2022	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.01

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GNR 2010-134 ES IO	05.8420 11/20/2039	0.01
FNR 2012-151 PI IO	03.0000 01/25/2043	0.01
FHR 4206 IP IO	03.0000 12/15/2041	0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0 11/18/2054 ML	0.01
GNR 2015-124 NI IO	03.5000 06/20/2039	0.01
GNR 2013-157 IA IO	03.5000 04/20/2040	0.01
IOS.FN30.400.14 R USL1M P	01/12/45 GS	0.01
IOS.FN30.400.14 R USL1M P	01/12/45 CS	0.01
GBP/USD 09/16/2020 GSF		0.01
CAD/USD 10/21/2020 GSF		0.01
IOS.FN30.350.14 R USL1M P	01/12/45 CS	0.01
CAS 2015-C02 2M2	04.1751 05/25/2025	0.01
GNR 2013-79 XI IO	03.5000 11/20/2039	0.01
AUD/USD 10/21/2020 BANKAM		0.01
NZD/USD 10/21/2020 BCAP-FX		0.01
0.359 R ISWP FWD US0003M P	10/15/2025	0.01
3.312 R ISWP US0003M P	11/08/2048	0.01
GNR 2010-35 QI IO	04.5000 03/20/2040	0.01
GNR 2013-23 IK IO	03.0000 09/20/2037	0.01
CAD/USD 10/21/2020 RBSF		0.01
GNR 2013-100 MI IO	03.5000 02/20/2043	0.01
NZD/USD 10/21/2020 RBSF		0.01
FHR 4097 PI IO	03.5000 11/15/2040	0.01
GNR 2015-99 LI IO	04.0000 07/20/2045	0.01
EUR/USD CALL 1.24 20201028	MSCIL	0.01
CAD/USD 10/21/2020 UBS		0.01
SEK/USD 09/16/2020 JPMCB		0.00
IOS.FN30.650.67 R USL1M P	01/12/38 BC	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0 11/17/2059 MS	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 MS	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 GS	0.00
FHR 4073 AS IO	05.8881 08/15/2038	0.00
NZD/USD 10/21/2020 BANKAM		0.00
GNR 2015-96 NI IO	03.5000 01/20/2039	0.00
CHF/USD 09/16/2020 SSBT		0.00
GBP/USD 09/16/2020 RBSF		0.00
SEK/USD 09/16/2020 MSCIL		0.00
GNR 2014-133 AI IO	04.0000 10/20/2036	0.00
CAD/USD 10/21/2020 MSCIL		0.00
CMB CMBX.NA.BB.11 2054-11-18	500.0 11/18/2054 CG	0.00
FHR 4099 BI IO	03.5000 06/15/2039	0.00
FNR 2012-136 PI IO	03.5000 11/25/2042	0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

JPY/USD 11/18/2020 SSBT	0.00
REPUBLIC OF VENEZUELA REGS 07.6500 04/21/2025	0.00
0.20 R ISWP FWD SONIA P 09/16/2030	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
NZD/USD 10/21/2020 MSCIL	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
GBP/USD 09/16/2020 BCAP-FX	0.00
PETROLEOS DE VENEZUELA S REGS 05.3750 04/12/2027	0.00
GNR 2012-141 WI IO 03.5000 11/20/2041	0.00
AUD/USD 10/21/2020 GSFY	0.00
NZD/USD 10/21/2020 WPAC	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 CI	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
JPY/USD 11/18/2020 BANKAM	0.00
NZD/USD 10/21/2020 HSBCB	0.00
NZD/USD 10/21/2020 CSI-FX	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BC	0.00
IOS.FN30.350.12 R USL1M P 01/12/43 CS	0.00
GNR 2013-102 IP IO 03.5000 06/20/2043	0.00
2.2225 R ISWP FWD US0003M P 06/05/2029	0.00
NOK/USD 09/16/2020 MSCIL	0.00
SWPTN 10YX20YR 2.8175 USD 03/23/2027 GS	0.00
NZD/USD 10/21/2020 JPMCB	0.00
1.15 R ISWP FWD CDOR03 P 09/16/2030	0.00
0.2501 R ISWP US0003M P 08/10/2025	0.00
0.2506 R ISWP US0003M P 08/10/2025	0.00
0.25214 R ISWP US0003M P 08/10/2025	0.00
0.35 R ISWP FWD US0003M P 09/16/2025	0.00
0.2537 R ISWP US0003M P 08/10/2025	0.00
0.2545 R ISWP US0003M P 08/10/2025	0.00
0.2565 R ISWP US0003M P 08/10/2025	0.00
0.70 R ISWP FWD NOKOIB6M P 09/16/2025	0.00
0.26003 R ISWP US0003M P 08/10/2025	0.00
-0.20 R ISWP FWD CHL6M P 09/16/2030	0.00
0.2627 R ISWP US0003M P 08/10/2025	0.00
GNR 2015-82 GI IO 03.5000 12/20/2038	0.00
0.815 R ISWP US0003M P 07/30/2050	0.00
0.68488 R ISWP US0003M P 08/18/2030	0.00
JPY/USD 11/18/2020 GSFY	0.00
EUR/USD 09/16/2020 MSCIL	0.00
0.6882 R ISWP US0003M P 08/18/2030	0.00
CHF/USD 09/16/2020 MSCIL	0.00
JPY/USD 11/18/2020 WPAC	0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

AUD/USD 10/21/2020 SSBT	0.00
HKD/USD 11/18/2020 SSBT	0.00
0.70 R ISWP FWD US0003M P 09/16/2030	0.00
MLCFC 2006-4 XC IO P/P 144A00.7447 12/12/2049	0.00
CAD/USD 10/21/2020 WPAC	0.00
HKD/USD 11/18/2020 HSBCB	0.00
HKD/USD 11/18/2020 BANKAM	0.00
HKD/USD 11/18/2020 UBS	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
HKD/USD 11/18/2020 TDBK	0.00
NZD/USD 10/21/2020 TDBK	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
1.275 R ISWP FWD US0003M P 03/07/2050	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	0.00
JPY/USD 11/18/2020 MSCIL	0.00
SWPTN 2YX30Y P 2.3075 USD 06/20/2022 BA	0.00
1.27 R ISWP FWD US0003M P 01/27/2047	0.00
AUD/USD 10/21/2020 CSI-FX	0.00
JPY/USD 11/18/2020 JPMCB	0.00
AUD/USD 10/21/2020 JPMCB	0.00
JPY/USD 11/18/2020 CITI	0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	0.00
EUR/USD 09/16/2020 WPAC	0.00
CHF/USD 09/16/2020 CITI	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	0.00
0.20 R ISWP FWD US0003M P 09/16/2022	0.00
SEK/USD 09/16/2020 RBSF	0.00
JPY/USD 11/18/2020 HSBCB	0.00
0.733 R ISWP US0003M P 09/02/2030	0.00
0.33951 R ISWP US0003M P 08/13/2025	0.00
0.7375 R ISWP US0003M P 09/02/2030	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
0.90 R ISWP FWD US0003M P 09/16/2050	0.00
JPY/USD 11/18/2020 BCAP-FX	0.00
0.66288 R ISWP US0003M P 07/03/2030	0.00
AUD/USD 10/21/2020 RBSF	0.00
JPY/USD 11/18/2020 UBS	0.00
SWPTN 2YX30Y R 2.3075 USD 06/20/2022 BA	0.00
CAD/USD 10/21/2020 BCAP-FX	0.00
0.50 R ISWP FWD SES3M P 09/16/2030	0.00
2.184 R ISWP FWD US0003M P 12/07/2030	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
1.00 R ISWP FWD NOKOIB6M P 09/16/2030	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GBP/USD 09/16/2020 HSBCB	0.00
CAD/USD 10/21/2020 CITI	0.00
GBP/USD 09/16/2020 TDBK	0.00
0.90 R ISWP FWD NFIX3MID P 09/16/2030	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
CHF/USD 09/16/2020 JPMCB	0.00
GBP/USD 09/16/2020 CSI-FX	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	0.00
GBP/USD 09/16/2020 WPAC	0.00
CAD/USD 10/21/2020 JPMCB	0.00
CLP/USD 10/21/2020 CITI	0.00
SWPTN 5YX30Y P 2.8325 USD 02/15/2022 JP	0.00
NOK/USD 09/16/2020 SSBT	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
USD/JPY PUT 100.00 20201124 BANKAM	-0.01
USD/JPY PUT 100.00 20201124 GSFX	-0.01
EUR/USD CALL 1.24 20201028 BANKAM	-0.01
GBP/USD 09/16/2020 JPMCB	-0.01
CAD/USD 10/21/2020 CSI-FX	-0.01
EUR/CHF CALL 1.12 20201209 CSI-FX	-0.01
NZD/USD 10/21/2020 GSFX	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
NZD/USD 10/21/2020 CITI	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 BC	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
SEK/USD 09/16/2020 CITI	-0.01
0.353 R ISWP FWD US0003M P 08/17/2025	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
IOS.FN30.300.13 P USL1M R 01/12/44 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
EUR/USD 09/16/2020 GSFX	-0.01
IOS.FN30.400.10 P USL1M R 01/12/41 CS	-0.01
EUR/USD 09/16/2020 UBS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BC	-0.01
IOS.FN30.400.14 P USL1M R 01/12/45 JP	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 GS	-0.01
GBP/USD 09/16/2020 CITI	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
EUR/USD CALL 1.26 20210127 BANKAM	-0.01

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

CAD/USD 10/21/2020 BANKAM	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
EUR/USD 09/16/2020 CSI-FX	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
0.8385 R ISWP US0003M P 08/11/2050	-0.01
0.90 R ISWP FWD US0003M P 09/16/2030	-0.01
GBP/USD 09/16/2020 UBS	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
EUR/USD CALL 1.21 20201028 MSCIL	-0.02
SWPTN 2MX5Y R 0.359 USD 10/13/2020 BC	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
EUR/USD CALL 1.27 20210215 BANKAM	-0.02
EUR/USD CALL 1.27 20210215 UBS	-0.02
EUR/USD 09/16/2020 TDBK	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
EUR/USD 09/16/2020 RBSF	-0.02
AUD/USD 10/21/2020 UBS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
0.7725 R ISWP US0003M P 08/04/2050	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
SEK/USD 09/16/2020 BCAP-FX	-0.02
CAD/USD 10/21/2020 TDBK	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
IOS.FN30.400.14 P US0001M R 01/12/45 JP	-0.02
-0.05 R ISWP FWD EUR006M P 09/16/2030	-0.02
NOK/USD 09/16/2020 UBS	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.03
EBIX US P R 07/05/22 CI	-0.03
EUR/USD 09/16/2020 JPMCB	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
CAD/USD 10/21/2020 SSBT	-0.04
EUR/USD 09/16/2020 SSBT	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.05
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.05
EUR/USD 09/16/2020 BCAP-FX	-0.05
GBP/USD 09/16/2020 SSBT	-0.05
CTB US P R 07/05/22 CI	-0.06
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.07
TGI US P R 07/05/22 CI	-0.08
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.08
SWI US P US0001M R 07/05/22 CI	-0.08

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

ZYXI US P US0001M R 07/05/22 CI	-0.08
BEAT US P US0001M R 07/05/22 CI	-0.09
ACIW US P R 07/05/22 CI	-0.09
EPC US P US0001M R 07/05/22 CI	-0.09
BRKR US P US0001M R 07/05/22 CI	-0.11
ORA US P US0001M R 12/15/25 GS	-0.12
PBH US P US0001M R 07/05/22 CI	-0.12
BGS US P R 07/05/22 CI	-0.13
QLYS US P US0001M R 07/05/22 CI	-0.14
DY US P R 07/05/22 CI	-0.14
PS US P US0001M R 07/05/22 CI	-0.15
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.16
OTEX US P US0001M R 12/15/25 GS	-0.16
CMPR US P US0001M R 07/05/22 CI	-0.20
PB US P US0001M R 07/05/22 CI	-0.22
VRT US P US0001M R 07/05/22 CI	-0.23
ENR US P R 07/05/22 CI	-0.23
SKX US P US0001M R 07/05/22 CI	-0.23
HBI US P R 07/05/22 CI	-0.23
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.24
OSK US P US0001M R 07/05/22 CI	-0.25
ICLR US P R 07/05/22 CI	-0.33
BHC US P R 07/05/22 CI	-0.36
AAXN US P US0001M R 07/05/22 CI	-0.37
XRAY US P US0001M R 07/05/22 CI	-0.39
RL US P US0001M R 07/05/22 CI	-0.40
GWRE US P US0001M R 07/05/22 CI	-0.42
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.50
FIVE US P US0001M R 07/05/22 CI	-0.62
NDUEEGF P US0001M R 12/14/20 GS	-0.64
IQV US P R 07/05/22 CI	-0.68
MSCI EAFE SEP20 MFSU0	-0.76
STX US P US0001M R 12/15/25 GS	-0.78
EVBG US P US0001M R 07/05/22 CI	-0.81
FSLR US P US0001M R 07/05/22 CI	-0.83
MIDD US P US0001M R 07/05/22 CI	-0.84
PLAN US P US0001M R 07/05/22 CI	-0.88
AAP US P US0001M R 07/05/22 CI	-0.90
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.96
ILMN US P US0001M R 07/05/22 CI	-0.97
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-1.00
RH US P US0001M R 07/05/22 CI	-1.13
CTXS US P US0001M R 07/05/22 CI	-1.30
NDUEEGF P US0003M R 09/18/20 CI	-1.51
TSLA US P R 07/05/22 CI	-1.76

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

NDUEEGF P US0003M R 03/19/21 CI	-3.30
NDUEEGF P US0001M R 08/18/21 UB	-5.41
S&P500 EMINI FUT SEP20 ESU0	-11.87
NDUEEGF P US0001M R 02/12/21 CS	-16.17
RU10INTR P US0003M R 06/10/21 CI	-19.09
US 2YR NOTE (CBT) DEC20 TUZ0	-20.29
GSGLPW2S P US0001M R 12/15/25 GS	-29.28
GSGLPWDS P US0001M R 12/15/25 GS	-32.75
RU10INTR P US0003M R 06/20/23 BA	-38.13
SPTR P US0001M R 05/22/23 UB	-40.05

Full holdings as of July 31, 2020

US 10YR NOTE (CBT)SEP20 TYU0	76.08
CGPUTQL2 R US0003M P 06/10/21 CI	36.77
MLFCF15 R US0003M P 06/20/23 BA	36.55
UBSPUSER R US0001M P 05/22/23 UB	36.40
GSGLPWDL R US0001M P 12/15/25 GS	30.89
GSGLPW2L R US0001M P 12/15/25 GS	27.22
JPCMPTFL R US0001M P 07/16/21 JP	17.04
REPO TRIPA MORTG 0.09 08/03/2020	10.35
FNMA FN30 TBA UMBS 02.5000 09/01/2050	8.20
TREASURY BILL 00.0000 08/25/2020	4.29
FNMA FN30 TBA UMBS 04.0000 09/01/2050	4.15
FNMA FN30 TBA UMBS 03.0000 09/01/2050	4.12
FNMA FN30 TBA UMBS 03.5000 08/01/2050	4.12
GSISXT27 R 0.2 P 12/15/20 GS	3.19
GSVIUS85 R 0.45 P 12/15/20 GS	2.56
US 10YR ULTRA FUT SEP20 UXYU0	2.49
GSGLPHCL R US0001M P 12/15/25 GS	2.43
CITI COMMOD F3-F0 4X LEVERED INDEX 3X NOTE 1/25/2021	2.10
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X 144A NOTI	2.00
MANHATTAN ASSET FUNDING CO LL 56274LKD5 DCP 10/13/	1.95
ALIBABA GROUP HOLDING-SP ADR SEDOL BP41ZD1	1.69
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	1.51
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.50
TREASURY BILL 00.0000 09/03/2020	1.48
S&P GSCI ER INDEX	1.43
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	1.33
NDEUSIA R US0003M P 02/12/21 UB	1.33
CONSUMER STAPLES SPDR SEDOL 2369389	1.31
COMM SERV SELECT SECTOR SPDR SEDOL BFXHC51	1.29
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.26
TENCENT HOLDINGS LTD SEDOL BMMV2K8	1.23
REAL ESTATE SELECT SECT SPDR SEDOL BYZ65Y9	1.21
GSVIVV69 R 0.3 P 12/15/20 GS	1.21

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

UTILITIES SELECT SECTOR SPDR SEDOL 2371812	1.15
CITI CROSS-ASSET TREND 10% VOL INDEX 3X 144A NOTE 9	1.13
NATIONWIDE BUILDING SOCIETY 6385E0HE6 DCP 08/14/20	0.98
REGENCY MARKETS NO. 1 LLC 7588R0HK6 DCP 08/19/20	0.98
NRW BANK 62939LHQ5 DCP 08/24/2020	0.98
FED HOME LN DISCOUNT NT 313384F38 GDC 09/09/2020	0.98
NATIONAL BANK OF CANADA 63307LJ28 DCP 09/02/2020	0.98
METLIFE SHORT TERM FUNDING LL 59157TJA2 DCP 09/10/20	0.98
SKANDINAVISKA ENSKILDA BANKEN 83050TK83 DCP 10/08/20	0.98
CHARIOT FUNDING LLC 15963TKE8 DCP 10/14/2020	0.98
ATLANTIC ASSET SECURITIZATION 04821TL60 DCP 11/06/20	0.98
OLD LINE FUNDING LLC 67984XGP5 DCP 10/29/2020	0.98
BPCE SA 05571BKU6 DCP 10/28/2020	0.98
ALPINE SECURITIZATION LLC 02088WKF6 DCP 10/15/2020	0.98
ISHARES MSCI INDIA ETF SEDOL B6XGR7	0.86
TREASURY BILL 00.0000 08/13/2020	0.82
GSVICUB3 R 0.45 P 12/15/20 GS	0.79
TREASURY BILL 00.0000 08/11/2020	0.71
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.70
TREASURY BILL 00.0000 09/24/2020	0.68
S&P GSCI ER INDEX	0.61
TREASURY BILL 00.0000 09/10/2020	0.59
SEEGENE INC SEDOL B679Q36	0.53
ANHUI CONCH CEMENT CO LTD-H SEDOL 6080396	0.49
KWEICHOW MOUTAI CO LTD-A 144A/REGS WARRANT 08/07/20	0.48
VIPSHOP HOLDINGS LTD - ADR SEDOL B3N0H17	0.45
YUM CHINA HOLDINGS INC SEDOL BYW4289	0.45
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO LTD 144A/REGS WARRANT 12/15/20	0.44
SANY HEAVY INDUSTRY CO LTD 144A REGS WARRANT 12/15/20	0.43
GSVIVVOL R 0.3 P 12/15/20 GS	0.41
HYUNDAI MOBIS CO LTD SEDOL 6449544	0.40
GREE ELECTRIC 144A/REGS WARRANT 8/24/2020	0.38
BB SEGURIDADE PARTICIPACOES SEDOL B9N3SQ0	0.36
MMC NORILSK NICKEL PJSC-ADR SEDOL BYSW6D0	0.35
NETEASE INC-ADR SEDOL 2606440	0.33
UNITED MICROELECTRONICS CORP SEDOL 6916628	0.33
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.32
TREASURY BILL 00.0000 08/06/2020	0.31
CHAROEN POKPHAND FOOD-FORGN SEDOL B5L2DG6	0.31
IND & COMM BK OF CHINA-H SEDOL B1G1QD8	0.31
ANGLO AMERICAN PLATINUM LTD SEDOL 6761000	0.30
SINO BIOPHARMACEUTICAL SEDOL B00XSF9	0.28
CAS 2016-C02 1B 12.4216 09/25/2028	0.28
BANCO DO BRASIL S.A. SEDOL 2328595	0.27
CHINA MOBILE LTD SEDOL 6073556	0.27

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

KT&G CORP	SEDOL 6175076	0.26
POLY DEVELOPMENTS AND HOLD 144A/REGS WARRANT 07/29		0.26
JD.COM INC-ADR	SEDOL BMM27D9	0.26
LUKOIL PJSC-SPON ADR	SEDOL BYZDW27	0.26
CHAILEASE HOLDING CO LTD	SEDOL B58J1S8	0.26
CDX CDX.EM.33 100.0 06/20/2025		0.26
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.25
HARTALEGA HOLDINGS BHD	SEDOL B2QPJK5	0.25
PTT EXPLORATION & PROD-FOR	SEDOL B1359J0	0.25
INTER RAO UES PJSC	SEDOL B39RRN4	0.25
ENEL AMERICAS SA-ADR	SEDOL 2314947	0.25
CHINA MERCHANTS BANK-H	SEDOL B1DYPZ5	0.25
HUNDSUN TECHNOLOGIES INC 144A/REGS WARRANT 07/29		0.24
BANK OF SHANGHAI 144A/REGS WARRANT 12/02/2020		0.23
FNR 2017-74 SA IO	05.5784 10/25/2047	0.22
MERCADOLIBRE INC	SEDOL B23X1H3	0.22
NCISOFT CORP	SEDOL 6264189	0.21
WEICHAJ POWER CO LTD-H	SEDOL 6743956	0.20
CHINA RESOURCES CEMENT	SEDOL B41XC98	0.19
TREASURY BILL	00.0000 08/20/2020	0.19
COUNTRY GARDEN SERVICES HOLD	SEDOL BDQZP48	0.19
BANCO MACRO SA-ADR	SEDOL B0Y62M9	0.19
RADIANT OPTO-ELECTRONICS COR	SEDOL 6520278	0.18
ADVANCED INFO SERVICE-FOR RG	SEDOL 6412591	0.18
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24	0.17
PARADE TECHNOLOGIES LTD	SEDOL B6RV676	0.17
GLOBALWAFERS CO LTD	SEDOL BS7JP33	0.17
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP		0.16
FUBON FINANCIAL HOLDING CO	SEDOL 6411673	0.16
BANCO SANTANDER BRASIL-UNIT	SEDOL B4V5RY4	0.16
CLICKS GROUP LTD	SEDOL 6105578	0.16
GNR 2018-153 AI IO	04.5000 09/16/2045	0.15
SOULBRAIN HOLDINGS CO LTD	SEDOL B0105T2	0.15
HYPERA SA	SEDOL B2QY968	0.15
SAMSUNG SDS CO LTD	SEDOL BRS2KY0	0.15
SINOTRUK HONG KONG LTD	SEDOL B296ZH4	0.15
QUALICORP CONS E CORR SEG SA	SEDOL B4LHBQ0	0.15
CAS 2017-C02 2M2	03.8216 09/25/2029	0.14
LG ELECTRONICS INC	SEDOL 6520739	0.14
KOREA ZINC CO LTD	SEDOL 6495428	0.13
FOSHAN HAITIAN FLAVOURING & FOOD 144A/REGS WARRA		0.13
WFRBS 2012-C7 F P/P 144A 04.5000 06/15/2045		0.13
SPY 20210219 P 290.00CITI		0.13
ELECTRICITY GEN PUB CO-FOR R	SEDOL 6304643	0.12
FNR 2016-3 MI IO	05.5000 02/25/2046	0.12

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

MISC BHD	SEDOL 6557997	0.12
SHANGHAI PUDONG DEV BANK 144A/REGS WARRANT		0.12
KIA MOTORS CORP	SEDOL 6490928	0.11
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76	0.11
FNR 2015-30 IO IO	05.5000 05/25/2045	0.11
GNR 2014-184 DI IO	05.5000 12/16/2044	0.11
WANT WANT CHINA HOLDINGS LTD	SEDOL B2Q14Z3	0.11
MWST 2019-1 A	00.9716 06/25/2052	0.11
LITE-ON TECHNOLOGY CORP	SEDOL 6519481	0.11
PRESIDENT CHAIN STORE CORP	SEDOL 6704986	0.11
CMLTI 2007-AR5 1A1A	03.9598 04/25/2037	0.11
GNR 2015-H11 CI IO	02.6320 05/20/2065	0.11
DAELIM INDUSTRIAL CO LTD	SEDOL 6249584	0.11
SPST 2019-7 A	00.8790 09/24/2020	0.11
SURGUTNEFTEGAS-PREFERENCE	SEDOL 5005884	0.11
GNR 2010-125 SD IO	06.5034 01/16/2040	0.11
OTP BANK RT	SEDOL 7320154	0.11
SPST 2019-11 A	00.9290 10/24/2020	0.11
SCRT 2019-4 M	04.5000 02/25/2059	0.10
XINYI GLASS HOLDINGS LTD	SEDOL B05NXN7	0.10
SPY 20210716 P 255.00CITI		0.10
FNR 2018-51 IO IO	06.5000 07/25/2048	0.10
COM7 PCL-F	SEDOL BZ2YN49	0.10
TELEFONICA BRASIL S.A.-PREF	SEDOL B3ZCNF7	0.10
SPST 2020-2 A	01.0016 03/26/2021	0.10
CIA SANEAMENTO BASICO DE SP	SEDOL B1YCHL8	0.10
BANK CENTRAL ASIA TBK PT	SEDOL B01C1P6	0.10
CDX CDX.NA.HY.34 500.0	06/20/2025	0.09
LOGAN GROUP CO LTD	SEDOL BH6X937	0.09
UNITED MEXICAN STATES	USD 05.5500 01/21/2045	0.09
WALMART DE MEXICO SAB DE CV	SEDOL BW1YVH8	0.09
BOFA MLCOMMODITY MLBX4SX6 ER STRATEGY	08/03/2020	0.09
ENBRIDGE INC	USD 04.2500 12/01/2026	0.09
CMB CMBX.NA.BB.7 2047-01-17 500.0	01/17/2047 GS	0.09
PETROBRAS GLOBAL FINANCE	USD 06.2500 03/17/2024	0.09
FNR 2016-88 SK IO	05.8284 12/25/2046	0.09
ECOPETROL SA-SPONSORED ADR	SEDOL B3D6J19	0.09
BANK OF JIANGSU CO LTD- A 144A/REGS WARRANT	08/07/2020	0.09
GNR 2016-H02 BI IO	03.2881 11/20/2065	0.09
NOVOLIPETSK STEEL PJSC-GDR	SEDOL B0RTNX3	0.09
FNR 2017-8 SB IO	05.9284 02/25/2047	0.09
POLSKI KONCERN NAFTOWY ORLEN	SEDOL 5810066	0.09
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.09
GNR 2017-H11 NI IO	02.5625 05/20/2067	0.08
SPY 20210618 P 250.00JPMCB		0.08

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GNR 2015-H15 JI IO	02.0903	06/20/2065	0.08
SEAZEN HOLDINGS CO 144A/REGS WARRANT		05/06/2021	0.08
TIM PARTICIPACOES SA	SEDOL 2292560		0.08
GNR 2015-H25 BI IO	03.4702	10/20/2065	0.08
GNR 2015-H24 HI IO	02.0447	09/20/2065	0.08
SAMSUNG ENGINEERING CO LTD	SEDOL 6765239		0.08
GNR 2018-91 SJ IO	06.0633	07/20/2048	0.07
FNR 2017-108 SA IO	05.9784	01/25/2048	0.07
KUMBA IRON ORE LTD	SEDOL B1G4262		0.07
GNR 2019-121 DS IO	05.9133	08/20/2049	0.07
FHR 4964 IA IO	04.5000	03/25/2050	0.07
GNR 2016-135 PI IO	04.0000	05/20/2046	0.07
GNR 2015-H25 AI IO	01.7481	09/20/2065	0.07
STACR 2020-HQA2 M2	03.2716	03/25/2050	0.06
PROVINCIA DE BUENOS P/P 144A	10.8750	01/26/2021	0.06
GNR 2010-68 SD IO	06.3933	06/20/2040	0.06
CAS 2017-C03 1M2	03.1716	10/25/2029	0.06
BBVA ARGENTINA SA-ADR	SEDOL BKT4TC7		0.06
FNR 2012-19 S IO	05.7784	03/25/2042	0.06
GNR 2017-H14 DI IO	01.8438	06/20/2067	0.06
CHINA YUHUA EDUCAT	SEDOL BYWPGC4		0.06
FORD OTOMOTIV	SEDOL B03MSR5		0.06
GNR 2016-51 MS IO	05.8633	04/20/2046	0.06
GNR 2015-H09 AI IO	03.0862	04/20/2065	0.06
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058	0.06
EUR/USD CALL 1.16 20201118	BANKAM		0.06
EUR/USD CALL 1.16 20201118	GSFX		0.06
BANCO DE CHILE-ADR	SEDOL 2834252		0.06
TOFAS OTOMOBIL FAB	SEDOL B03MY33		0.06
SPY 20210521 P 235.00	BANKAM		0.06
POWSZECHNY ZAKLAD UBEZPIECZE	SEDOL B63DG21		0.06
GNR 2015-H26 GI IO	01.9334	10/20/2065	0.06
GNR 2018-H05 AI IO	02.5352	02/20/2068	0.05
FNR 2016-65 CS IO	05.9284	09/25/2046	0.05
FNR 2017-32 IP IO	04.5000	05/25/2047	0.05
KOSSAN RUBBER INDUSTRIES	SEDOL B0DD1H9		0.05
GNR 2014-H21 AI IO	03.1249	10/20/2064	0.05
WAMU 2004-AR12 A2B	01.0916	10/25/2044	0.05
GNR 2018-104 SD IO	06.0133	08/20/2048	0.05
DINO POLSKA SA	SEDOL BD0YVN2		0.05
CAS 2015-C04 1M2	05.8716	04/25/2028	0.05
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979		0.05
GNR 2016-150 I IO	05.0000	11/20/2046	0.05
GNR 2017-H02 BI IO	02.4092	01/20/2067	0.05
SUN ART RETAIL GROUP LTD	SEDOL B3MPN59		0.05

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GNR 2015-H20 CI IO	03.5739 08/20/2065	0.05
IMPALA PLATINUM HOLDINGS LTD	SEDOL B1FFT76	0.05
GNR 2015-H19 NI IO	02.0437 07/20/2065	0.05
WFRBS 2011-C3 E	P/P 144A 05.0000 03/15/2044	0.05
GNR 2015-H09 BI IO	01.8255 03/20/2065	0.05
PETROBRAS GLOBAL FINANCE USD	06.1250 01/17/2022	0.05
PETROBRAS GLOBAL FINANCE USD	08.7500 05/23/2026	0.05
GNR 2015-H24 BI IO	01.7484 08/20/2065	0.05
HM SAMPOERNA TBK PT	SEDOL 6404242	0.05
FNR 2013-130 SD IO	06.4284 01/25/2044	0.05
FENG TAY ENTERPRISE CO LTD	SEDOL 6336055	0.05
GNR 2015-H22 GI IO	02.5915 09/20/2065	0.04
GNR 2016-H03 AI IO	03.1891 01/20/2066	0.04
PETROBRAS GLOBAL FIN USD	05.9990 01/27/2028	0.04
SIME DARBY BERHAD	SEDOL B29TTR1	0.04
GRUPO AEROPORTUARIO DEL CENT	SEDOL B1KFX13	0.04
JPMBB 2013-C14 E	P/P 144A 04.7018 08/15/2046	0.04
SPY 20210416 P	225.00BANKAM	0.04
PETRONAS GAS BHD	SEDOL 6703972	0.04
GNR 2017-H06 BI IO	02.3272 02/20/2067	0.04
CAS 2017-C02 2B1	05.6716 09/25/2029	0.04
GSMS 2014-GC24 D	P/P 144A 04.5316 09/10/2047	0.04
GNR 2015-H10 CI IO	01.9385 04/20/2065	0.04
FHR 4752 PS IO	06.0253 11/15/2047	0.04
GNR 2015-53 MI IO	04.0000 04/16/2045	0.04
JPMCC 2006-LDP9 AMS	05.3370 05/15/2047	0.04
FHR 4134 PI IO	03.0000 11/15/2042	0.04
GNR 2016-H08 GI IO	01.5659 04/20/2066	0.04
FNR 2016-3 NI IO	06.0000 02/25/2046	0.03
GNR 2015-80 IA IO	04.5000 06/20/2045	0.03
CMB CMBX.NA.BB.6 2063-05-11	500.0 05/11/2063 CS	0.03
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 MS	0.03
CAS 2018-C05 1M2	02.5216 01/25/2031	0.03
GNR 2016-H16 DI IO	00.7858 06/20/2066	0.03
POU CHEN	SEDOL 6696157	0.03
FEDERAL GRID CO UNIFIED ENER	SEDOL B39RR67	0.03
GNR 2015-167 BI IO	04.5000 04/16/2045	0.03
GNR 2015-H16 XI IO	03.1298 07/20/2065	0.03
PETROLEOS MEXICANOS USD	06.3750 01/23/2045	0.03
PLDT INC	SEDOL BDGN274	0.03
GNR 2013-6 AI IO	03.5000 08/20/2039	0.03
GNR 2018-127 IB IO	04.5000 06/20/2045	0.03
GNR 2015-105 LI IO	05.0000 10/20/2039	0.03
TECO ELECTRIC & MACHINERY	SEDOL 6879851	0.03
GNR 2011-17 S IO	05.8633 02/20/2041	0.03

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GNR 2014-146 EI IO	05.0000	10/20/2044	0.03
GNR 2016-37 IW IO	04.5000	02/20/2046	0.03
CAS 2020-R01 1B1	03.4216	01/25/2040	0.03
GNR 2010-9 UI IO	05.0000	01/20/2040	0.03
GNR 2015-187 JI IO	04.0000	03/20/2045	0.03
SEK/USD 09/16/2020 SSBT			0.03
CAS 2017-C06 2M2	02.9716	02/25/2030	0.03
YDUQS PARTICIPACOES SA	SEDOL BJGV3C2		0.03
FHR 4259 DI IO	04.0000	06/15/2043	0.03
GNR 2016-H04 KI IO	02.9450	02/20/2066	0.03
CMB CMBX.NA.BB.7 2047-01-17	500.0	01/17/2047	GS 0.02
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058	CS 0.02
GNR 2013-20 QI IO	04.5000	12/16/2042	0.02
QUALITAS CONTROLADORA SAB CV	SEDOL BYMXF65		0.02
CWHL 2005-3 1A1	00.7916	04/25/2035	0.02
GNR 2017-57 AI IO	04.0000	06/20/2045	0.02
1.00 R ISWP FWD AUDBB6M P		09/16/2030	0.02
EUR/USD CALL 1.22 20210127	BANKAM		0.02
BANK OF CHINA LTD-H	SEDOL B154564		0.02
USD/JPY PUT 105.00 20201124	GSFX		0.02
USD/JPY PUT 105.00 20201124	BANKAM		0.02
GNR 2018-127 ID IO	05.0000	07/20/2045	0.02
FNR 2017-2 KI IO	04.0000	02/25/2047	0.02
SPY 20210319 P	195.00	JPMCB	0.02
BANK BTPN SYARIAH TBK PT	SEDOL BFNBJ41		0.02
KT CORP	SEDOL 6505316		0.02
RUENTEX DEVELOPMENT CO LTD	SEDOL 6748423		0.02
GNR 2009-121 UI IO	05.0000	12/20/2039	0.02
WESTPORTS HOLDINGS BHD	SEDOL BDFM1K8		0.02
FHR 4568 MI IO	04.0000	04/15/2046	0.02
MANILA ELECTRIC COMPANY	SEDOL B247XZ6		0.02
IOS.FN30.400.14 R USL1M P		01/12/45	CS 0.02
GNR 2018-127 IE IO	03.5000	01/20/2046	0.02
GNR 2010-20 UI IO	05.0000	02/20/2040	0.02
1.15 R ISWP FWD CDOR03 P		09/16/2030	0.02
SEK/USD 09/16/2020 UBS			0.02
SEK/USD 09/16/2020 GSFX			0.02
GNR 2014-163 NI IO	05.0000	02/20/2044	0.02
GNR 2015-24 IA IO	03.5000	02/20/2045	0.02
IOS.FN30.350.12 R USL1M P		01/12/43	CS 0.02
GNR 2015-H10 EI IO	01.7553	04/20/2065	0.02
GNR 2015-H18 IA IO	01.9772	06/20/2065	0.02
FHR 4801 IG IO	03.0000	06/15/2048	0.02
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058	ML 0.01
AUD/USD 10/21/2020 HSBCB			0.01

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

CHINA BIOLOGIC PRODUCTS HOLD SEDOL BF0G7L2	0.01
GNR 2011-H15 AI IO 01.6791 06/20/2061	0.01
SWPTN 5YX30Y R 2.8325 USD 02/15/2022 JP	0.01
EUR/USD CALL 1.21 20201028 BANKAM	0.01
EUR/CHF CALL 1.10 20201209 CSI-FX	0.01
GNR 2013-129 SN IO 05.9633 09/20/2043	0.01
NOK/USD 09/16/2020 BCAP-FX	0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.01
FNR 2013-35 PI IO 03.0000 02/25/2042	0.01
GNR 2016-75 EI IO 03.5000 08/20/2045	0.01
FHR 3747 SA IO 06.3253 10/15/2040	0.01
TRANSMISSORA ALIANCA DE-UNIT SEDOL B1G8KX7	0.01
FHR 4193 PI IO 04.0000 03/15/2043	0.01
PROVINCIA DE BUENOS 32.7292 05/31/2022	0.01
GNR 2010-134 ES IO 05.8133 11/20/2039	0.01
GNR 2013-24 PI IO 04.0000 11/20/2042	0.01
UBSBB 2012-C2 F P/P 144A 05.0000 05/10/2063	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 ML	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.01
GNR 2015-124 NI IO 03.5000 06/20/2039	0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 ML	0.01
FNR 2012-151 PI IO 03.0000 01/25/2043	0.01
FHR 4206 IP IO 03.0000 12/15/2041	0.01
NZD/USD 10/21/2020 UBS	0.01
RUB/USD 09/16/2020 GSFX	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 CS	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 GS	0.01
GNR 2013-157 IA IO 03.5000 04/20/2040	0.01
EUR/USD 09/16/2020 HSBCB	0.01
0.66288 R ISWP US0003M P 07/03/2030	0.01
EUR/USD 09/16/2020 BANKAM	0.01
IOS.FN30.350.14 R USL1M P 01/12/45 CS	0.01
3.312 R ISWP US0003M P 11/08/2048	0.01
EUR/USD 09/16/2020 CITI	0.01
CAS 2015-C02 2M2 04.1716 05/25/2025	0.01
NOK/USD 09/16/2020 GSFX	0.01
FHR 4073 AS IO 05.8753 08/15/2038	0.01
GNR 2013-23 IK IO 03.0000 09/20/2037	0.01
AUD/USD 10/21/2020 WPAC	0.01
GNR 2013-79 XI IO 03.5000 11/20/2039	0.01
GNR 2010-35 QI IO 04.5000 03/20/2040	0.01
JPY/USD 08/19/2020 UBS	0.01
AUD/USD 10/21/2020 TDBK	0.01

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GBP/USD 09/16/2020 GSFX	0.01
GNR 2013-100 MI IO 03.5000 02/20/2043	0.01
CAD/USD 10/21/2020 HSBCB	0.01
-0.20 R ISWP FWD CHL6M P 09/16/2030	0.01
GNR 2015-99 LI IO 04.0000 07/20/2045	0.01
NZD/USD 10/21/2020 SSBT	0.01
JPY/USD 08/19/2020 HSBCB	0.01
JPY/USD 08/19/2020 BCAP-FX	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
IOS.FN30.650.67 R USL1M P 01/12/38 BC	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
1.00 R ISWP FWD NOKOIB6M P 09/16/2030	0.00
GNR 2015-96 NI IO 03.5000 01/20/2039	0.00
GNR 2014-133 AI IO 04.0000 10/20/2036	0.00
SEK/USD 09/16/2020 JPMCB	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
FHR 4097 PI IO 03.5000 11/15/2040	0.00
0.35 R ISWP FWD US0003M P 09/16/2025	0.00
FHR 4099 BI IO 03.5000 06/15/2039	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
REPUBLIC OF VENEZUELA REGS 07.6500 04/21/2025	0.00
AUD/USD 10/21/2020 BANKAM	0.00
NZD/USD 10/21/2020 BCAP-FX	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
CLP/USD 10/21/2020 CITI	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
CAD/USD 10/21/2020 GSFX	0.00
CHF/USD 09/16/2020 SSBT	0.00
GBP/USD 09/16/2020 RBSF	0.00
PETROLEOS DE VENEZUELA S REGS 05.3750 04/12/2027	0.00
GNR 2012-141 WI IO 03.5000 11/20/2041	0.00
AUD/USD 10/21/2020 SSBT	0.00
1.27 R ISWP FWD US0003M P 01/27/2047	0.00
SEK/USD 09/16/2020 MSCIL	0.00
NZD/USD 10/21/2020 RBSF	0.00
NZD/USD 10/21/2020 BANKAM	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 CI	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
CAD/USD 10/21/2020 RBSF	0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GNR 2013-102 IP IO 03.5000 06/20/2043	0.00
SWPTN 10YX20Y R 2.8175 USD 03/23/2027 GS	0.00
CAD/USD 10/21/2020 UBS	0.00
GNR 2015-82 GI IO 03.5000 12/20/2038	0.00
0.20 R ISWP FWD US0003M P 09/16/2022	0.00
2.2225 R ISWP FWD US0003M P 06/05/2029	0.00
BSCMS 2006-PW11 C P/P 144A 05.7751 03/11/2039	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BC	0.00
IOS.FN30.350.12 R USL1M P 01/12/43 CS	0.00
AUD/USD 10/21/2020 GSFX	0.00
JPY/USD 08/19/2020 CITI	0.00
NZD/USD 10/21/2020 WPAC	0.00
0.90 R ISWP FWD US0003M P 09/16/2050	0.00
NZD/USD 10/21/2020 HSBCB	0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	0.00
CAD/USD 10/21/2020 MSCIL	0.00
GBP/USD 09/16/2020 BCAP-FX	0.00
SWPTN 3MX5Y P 0.353 USD 08/13/2020 BC	0.00
MLCFC 2006-4 XC IO P/P 144A 00.5497 12/12/2049	0.00
NZD/USD 10/21/2020 JPMCB	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
NZD/USD 10/21/2020 CSI-FX	0.00
NZD/USD 10/21/2020 TDBK	0.00
GNR 2013-90 HI IO 03.5000 04/20/2040	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
AUD/USD 10/21/2020 JPMCB	0.00
AUD/USD 10/21/2020 CSI-FX	0.00
0.815 R ISWP US0003M P 07/30/2050	0.00
PLN/USD 09/16/2020 BCAP-FX	0.00
1.275 R ISWP FWD US0003M P 03/07/2050	0.00
SWPTN 2YX30Y P 2.3075 USD 06/20/2022 BA	0.00
HKD/USD 08/19/2020 TDBK	0.00
HKD/USD 08/19/2020 BANKAM	0.00
HKD/USD 08/19/2020 UBS	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
CHF/USD 09/16/2020 CITI	0.00
EUR/USD 09/16/2020 WPAC	0.00
JPY/USD 08/19/2020 JPMCB	0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	0.00
NZD/USD 10/21/2020 MSCIL	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	0.00
SWPTN 2YX30Y R 2.3075 USD 06/20/2022 BA	0.00
HKD/USD 08/19/2020 HSBCB	0.00
CAD/USD 10/21/2020 BCAP-FX	0.00
CAD/USD 10/21/2020 WPAC	0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GBP/USD 09/16/2020 TDBK	0.00
CAD/USD 10/21/2020 CITI	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
JPY/USD 08/19/2020 WPAC	0.00
HKD/USD 08/19/2020 SSBT	0.00
0.70 R ISWP FWD NOKOIB6M P 09/16/2025	0.00
GBP/USD 09/16/2020 HSBCB	0.00
JPY/USD 08/19/2020 GSFX	0.00
CAD/USD 10/21/2020 JPMCB	0.00
CAD/USD 10/21/2020 CSI-FX	0.00
GBP/USD 09/16/2020 CSI-FX	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
GBP/USD 09/16/2020 WPAC	0.00
2.184 R ISWP FWD US0003M P 12/07/2030	0.00
NZD/USD 10/21/2020 GSFX	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
NZD/USD 10/21/2020 CITI	0.00
0.90 R ISWP FWD NFIX3MID P 09/16/2030	0.00
CHF/USD 09/16/2020 JPMCB	0.00
GBP/USD 09/16/2020 JPMCB	0.00
NOK/USD 09/16/2020 SSBT	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	0.00
NOK/USD 09/16/2020 CITI	0.00
NOK/USD 09/16/2020 BANKAM	0.00
CAD/USD 10/21/2020 BANKAM	0.00
SWPTN 5YX30Y P 2.8325 USD 02/15/2022 JP	0.00
0.50 R ISWP FWD SES3M P 09/16/2030	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
0.70 R ISWP FWD US0003M P 09/16/2030	-0.01
JPY/USD 08/19/2020 BANKAM	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
SEK/USD 09/16/2020 CITI	-0.01
EUR/USD CALL 1.24 20201028 BANKAM	-0.01
USD/JPY PUT 100.00 20201124 GSFX	-0.01
USD/JPY PUT 100.00 20201124 BANKAM	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 BC	-0.01
EUR/CHF CALL 1.12 20201209 CSI-FX	-0.01
0.20 R ISWP FWD SONIA P 09/16/2030	-0.01
GBP/USD 09/16/2020 CITI	-0.01
EUR/USD 09/16/2020 GSFX	-0.01
CAD/USD 10/21/2020 TDBK	-0.01

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
GBP/USD 09/16/2020 UBS	-0.01
EUR/USD 09/16/2020 UBS	-0.01
NOK/USD 09/16/2020 HSBCB	-0.01
IOS.FN30.300.13 P USL1M R 01/12/44 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
AUD/USD 10/21/2020 UBS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
IOS.FN30.400.10 P USL1M R 01/12/41 CS	-0.01
EUR/USD 09/16/2020 CSI-FX	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BC	-0.01
IOS.FN30.400.14 P USL1M R 01/12/45 JP	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 GS	-0.01
JPY/USD 08/19/2020 SSBT	-0.01
EUR/USD CALL 1.26 20210127 BANKAM	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
EUR/USD 09/16/2020 TDBK	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.01
EUR/USD 09/16/2020 RBSF	-0.02
SEK/USD 09/16/2020 BCAP-FX	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
NOK/USD 09/16/2020 UBS	-0.02
CAD/USD 10/21/2020 SSBT	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
EUR/USD CALL 1.20 20201118 GSF	-0.02
EUR/USD CALL 1.20 20201118 BANKAM	-0.02
IOS.FN30.400.14 P US0001M R 01/12/45 JP	-0.02
EUR/USD 09/16/2020 JPMCB	-0.02
SWPTN 3MX5Y R 0.353 USD 08/13/2020 BC	-0.03
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.03
EBIX US P R 07/05/22 CI	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
GBP/USD 09/16/2020 SSBT	-0.03

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

EUR/USD 09/16/2020 SSBT	-0.04
EUR/USD 09/16/2020 BCAP-FX	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.05
0.90 R ISWP FWD US0003M P 09/16/2030	-0.05
CTB US P R 07/05/22 CI	-0.05
-0.05 R ISWP FWD EUR006M P 09/16/2030	-0.05
SWI US P US0001M R 07/05/22 CI	-0.07
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.07
TGI US P R 07/05/22 CI	-0.07
ACIW US P R 07/05/22 CI	-0.08
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.08
EPC US P US0001M R 07/05/22 CI	-0.09
STL US P US0001M R 07/05/22 CI	-0.10
BEAT US P US0001M R 07/05/22 CI	-0.10
DY US P R 07/05/22 CI	-0.10
ZYXI US P US0001M R 07/05/22 CI	-0.11
BRKR US P US0001M R 07/05/22 CI	-0.11
ORA US P US0001M R 12/15/25 GS	-0.11
PBH US P US0001M R 07/05/22 CI	-0.12
BGS US P R 07/05/22 CI	-0.12
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.15
OTEX US P US0001M R 12/15/25 GS	-0.16
QLYS US P US0001M R 07/05/22 CI	-0.16
PS US P US0001M R 07/05/22 CI	-0.16
AGCO US P US0001M R 12/15/25 GS	-0.21
HBI US P R 07/05/22 CI	-0.21
CMPR US P US0001M R 07/05/22 CI	-0.21
SKX US P US0001M R 07/05/22 CI	-0.22
PB US P US0001M R 07/05/22 CI	-0.22
ENR US P R 07/05/22 CI	-0.24
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.24
OSK US P US0001M R 07/05/22 CI	-0.25
PKI US P US0001M R 07/05/22 CI	-0.28
PWR US P US0001M R 07/05/22 CI	-0.30
ICLR US P R 07/05/22 CI	-0.32
AAXN US P US0001M R 07/05/22 CI	-0.35
XRAY US P US0001M R 07/05/22 CI	-0.38
BHC US P R 07/05/22 CI	-0.39
RL US P US0001M R 07/05/22 CI	-0.41
GWRE US P US0001M R 07/05/22 CI	-0.43
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.50
ELAN US P US0001M R 07/05/22 CI	-0.57
NDUEEGF P US0001M R 12/14/20 GS	-0.61
FSLR US P US0001M R 07/05/22 CI	-0.63

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

PLAN US P US0001M R 07/05/22 CI	-0.64
IQV US P R 07/05/22 CI	-0.64
MIDD US P US0001M R 07/05/22 CI	-0.70
MSCI EAFE SEP20 MFSU0	-0.71
STX US P US0001M R 12/15/25 GS	-0.72
EVBG US P US0001M R 07/05/22 CI	-0.76
AAP US P US0001M R 07/05/22 CI	-0.84
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.96
RH US P US0001M R 07/05/22 CI	-0.96
TSLA US P R 07/05/22 CI	-0.99
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-1.01
ILMN US P US0001M R 07/05/22 CI	-1.02
CTXS US P US0001M R 07/05/22 CI	-1.25
AMD US P US0001M R 07/05/22 CI	-1.41
NDUEEGF P US0003M R 09/18/20 CI	-1.45
NDUEEGF P US0003M R 03/19/21 CI	-3.16
NDUEEGF P US0001M R 08/20/20 UB	-8.25
S&P500 EMINI FUT SEP20 ESU0	-13.39
NDUEEGF P US0001M R 02/12/21 CS	-15.52
RU10INTR P US0003M R 06/10/21 CI	-18.70
US 2YR NOTE (CBT) SEP20 TUU0	-19.86
GSGLPW2S P US0001M R 12/15/25 GS	-27.01
GSGLPWDS P US0001M R 12/15/25 GS	-30.18
RU10INTR P US0003M R 06/20/23 BA	-36.27
SPTR P US0001M R 05/22/23 UB	-36.57

Full holdings as of June 30, 2020

US 10YR NOTE (CBT)SEP20 TYU0	72.23
UBSPUSER R US0001M P 05/20/23 UB	36.71
CGPUTQL2 R US0003M P 06/10/21 CI	35.74
MLFCF15 R US0003M P 06/20/23 BA	33.90
GSGLPWDL R US0001M P 12/15/25 GS	30.44
GSGLPW2L R US0001M P 12/15/25 GS	27.60
JPCMPTFL R US0001M P 06/17/21 JP	13.97
REPO TRIPA MORTG 0.09 07/01/2020	13.74
FNMA FN30 TBA UMBS 02.5000 07/01/2050	8.39
TREASURY BILL 00.0000 08/25/2020	4.41
FNMA FN30 TBA UMBS 04.0000 07/01/2050	4.26
FNMA FN30 TBA UMBS 03.0000 07/01/2050	4.24
FNMA FN30 TBA UMBS 03.5000 07/01/2050	4.23
GSISXT27 R 0.2 P 12/15/20 GS	3.27
GSVIUS85 R 0.45 P 12/15/20 GS	2.56
US 10YR ULTRA FUT SEP20 UXYU0	2.53
GSGLPHCL R US0001M P 12/15/25 GS	2.42
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X 144A NOTI	2.12

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

CITI COMMOD F3-F0 4X LEVERED INDEX 3X NOTE 1/25/2021	2.07
TREASURY BILL 00.0000 07/09/2020	1.97
TREASURY BILL 00.0000 09/03/2020	1.52
ALIBABA GROUP HOLDING-SP ADR SEDOL BP41ZD1	1.49
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.46
TREASURY BILL 00.0000 07/23/2020	1.42
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	1.42
S&P GSCI ER INDEX	1.36
CONSUMER STAPLES SPDR SEDOL 2369389	1.26
NDEUSIA R US0003M P 02/12/21 UB	1.24
COMM SERV SELECT SECTOR SPDR SEDOL BFXHC51	1.23
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.23
REAL ESTATE SELECT SECT SPDR SEDOL BYZ65Y9	1.19
TENCENT HOLDINGS LTD SEDOL BMMV2K8	1.19
GSVIVV69 R 0.3 P 12/15/20 GS	1.18
CITI CROSS-ASSET TREND 10% VOL INDEX 3X 144A NOTE 9	1.12
UTILITIES SELECT SECTOR SPDR SEDOL 2371812	1.09
OLD LINE FUNDING LLC 67984XGP5 DCP 10/29/2020	1.01
MATCHPOINT FINANCE PLC 57666AG71 DCP 07/07/2020	1.01
CRC FUNDING LLC 12619TG81 DCP 07/08/2020	1.01
ING US FUNDING LLC 4497W0G69 DCP 07/06/2020	1.01
FED HOME LN DISCOUNT NT 313384F38 GDC 09/09/2020	1.01
ALPINE SECURITIZATION LLC 02088WKF6 DCP 10/15/2020	1.00
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	0.99
TREASURY BILL 00.0000 08/13/2020	0.85
ISHARES MSCI INDIA ETF SEDOL B6XGR72	0.81
GSVICUB3 R 0.45 P 12/15/20 GS	0.79
TREASURY BILL 00.0000 08/11/2020	0.73
TREASURY BILL 00.0000 09/24/2020	0.70
TREASURY BILL 00.0000 07/21/2020	0.69
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.68
TREASURY BILL 00.0000 09/10/2020	0.61
S&P GSCI ER INDEX	0.58
ANHUI CONCH CEMENT CO LTD-H SEDOL 6080396	0.45
YUM CHINA HOLDINGS INC SEDOL BYW4289	0.43
KWEICHOW MOUTAI CO LTD-A 144A/REGS WARRANT 08/07/2020	0.42
VIPSHOP HOLDINGS LTD - ADR SEDOL B3N0H17	0.41
GSVIVVOL R 0.3 P 12/15/20 GS	0.40
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO LTD 144A/REGS WARRANT 8/24/2020	0.39
HYUNDAI MOBIS CO LTD SEDOL 6449544	0.38
MMC NORILSK NICKEL PJSC-ADR SEDOL BYSW6D0	0.36
BB SEGURIDADE PARTICIPACOES SEDOL B9N3SQ0	0.35
NETEASE INC-ADR SEDOL 2606440	0.32
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.32

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

TREASURY BILL	00.0000 08/06/2020	0.32
IND & COMM BK OF CHINA-H	SEDOL B1G1QD8	0.32
SANY HEAVY INDUSTRY CO LTD 144A REGS WARRANT 12/2		0.30
CAS 2016-C02 1B	12.4345 09/25/2028	0.30
LUKOIL PJSC-SPON ADR	SEDOL BYZDW27	0.29
ANGLO AMERICAN PLATINUM LTD	SEDOL 6761000	0.29
CDX CDX.EM.33	100.0 06/20/2025	0.28
SINO BIOPHARMACEUTICAL	SEDOL B00XSF9	0.28
CHINA MOBILE LTD	SEDOL 6073556	0.27
CHAILEASE HOLDING CO LTD	SEDOL B58J1S8	0.27
KT&G CORP	SEDOL 6175076	0.26
PTT EXPLORATION & PROD-FOR	SEDOL B1359J0	0.26
BANCO DO BRASIL S.A.	SEDOL 2328595	0.26
ENEL AMERICAS SA-ADR	SEDOL 2314947	0.25
JD.COM INC-ADR	SEDOL BMM27D9	0.25
CHINA MERCHANTS BANK-H	SEDOL B1DYPZ5	0.25
POLY DEVELOPMENTS AND HOLD 144A/REGS WARRANT 07/29		0.25
UNITED MICROELECTRONICS CORP	SEDOL 6916628	0.24
HUNDSUN TECHNOLOGIES INC 144A/REGS WARRANT 07/29		0.24
SEEGENE INC	SEDOL B679Q36	0.24
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.24
BANK OF SHANGHAI 144A/REGS WARRANT 12/02/2020		0.23
NCISOFT CORP	SEDOL 6264189	0.23
FNR 2017-74 SA IO	05.5655 10/25/2047	0.23
INTER RAO UES PJSC	SEDOL B39RRN4	0.22
CHAROEN POKPHAND FOOD-FORGN	SEDOL B5L2DG6	0.21
TREASURY BILL	00.0000 08/20/2020	0.20
MERCADOLIBRE INC	SEDOL B23X1H3	0.19
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24	0.19
SPY 20210219 P 290.00CITI		0.19
WEICHAH POWER CO LTD-H	SEDOL 6743956	0.18
CHINA RESOURCES CEMENT	SEDOL B41XC98	0.18
RADIANT OPTO-ELECTRONICS COR	SEDOL 6520278	0.18
ADVANCED INFO SERVICE-FOR RG	SEDOL 6412591	0.18
SPY 20210115 P 290.00CITI		0.18
FUBON FINANCIAL HOLDING CO	SEDOL 6411673	0.17
GNR 2018-153 AI IO	04.5000 09/16/2045	0.17
BANCO MACRO SA-ADR	SEDOL B0Y62M9	0.17
HARTALEGA HOLDINGS BHD	SEDOL B2QPJK5	0.17
WFRBS 2012-C7 F P/P 144A	04.5000 06/15/2045	0.16
GLOBALWAFERS CO LTD	SEDOL BS7JP33	0.16
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 JP	0.16
SAMSUNG SDS CO LTD	SEDOL BRS2KY0	0.16
QUALICORP CONS E CORR SEG SA	SEDOL B4LHBQ0	0.15
SOULBRAIN HOLDINGS CO LTD	SEDOL B0105T2	0.15

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

COUNTRY GARDEN SERVICES HOLD	SEDOL BDQZP48	0.15
BANCO SANTANDER BRASIL-UNIT	SEDOL B4V5RY4	0.15
CLICKS GROUP LTD	SEDOL 6105578	0.15
HYPERA SA	SEDOL B2QY968	0.14
PARADE TECHNOLOGIES LTD	SEDOL B6RV676	0.13
FNR 2016-3 MI	IO 05.5000 02/25/2046	0.13
ELECTRICITY GEN PUB CO-FOR R	SEDOL 6304643	0.13
SINOTRUK HONG KONG LTD	SEDOL B296ZH4	0.13
GNR 2014-184 DI	IO 05.5000 12/16/2044	0.13
LG ELECTRONICS INC	SEDOL 6520739	0.13
SHANGHAI PUDONG DEV BANK 144A/REGS WARRANT		0.12
PRESIDENT CHAIN STORE CORP	SEDOL 6704986	0.12
MISC BHD	SEDOL 6557997	0.12
FNR 2015-30 IO	IO 05.5000 05/25/2045	0.12
WANT WANT CHINA HOLDINGS LTD	SEDOL B2Q14Z3	0.12
SPY 20210618 P 250.00JPMCB		0.12
MWST 2019-1 A	00.9845 06/25/2052	0.12
GNR 2010-125 SD	IO 06.4849 01/16/2040	0.11
CMLTI 2007-AR5 1A1A	03.9736 04/25/2037	0.11
SPST 2019-7 A	00.8848 09/24/2020	0.11
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76	0.11
KOREA ZINC CO LTD	SEDOL 6495428	0.11
DAELIM INDUSTRIAL CO LTD	SEDOL 6249584	0.11
FOSHAN HAITIAN FLAVOURING & FOOD 144A/REGS WARRA		0.11
SURGUTNEFTEGAS-PREFERENCE	SEDOL 5005884	0.11
SPST 2019-11 A	00.9348 10/24/2020	0.11
FNR 2018-51 IO	IO 06.5000 07/25/2048	0.11
LITE-ON TECHNOLOGY CORP	SEDOL 6519481	0.11
OTP BANK RT	SEDOL 7320154	0.11
SCRT 2019-4 M	04.5000 02/25/2059	0.11
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.10
LOGAN GROUP CO LTD	SEDOL BH6X937	0.10
SPST 2020-2 A	01.0095 03/26/2021	0.10
BOFA MLCOMMODITY MLBX4SX6 ER STRATEGY 08/03/2020		0.10
POLSKI KONCERN NAFTOWY ORLEN	SEDOL 5810066	0.10
WALMART DE MEXICO SAB DE CV	SEDOL BW1YVH8	0.10
FNR 2016-88 SK	IO 05.8155 12/25/2046	0.09
KIA MOTORS CORP	SEDOL 6490928	0.09
GNR 2016-H02 BI	IO 02.5922 11/20/2065	0.09
ENBRIDGE INC	USD 04.2500 12/01/2026	0.09
BANK CENTRAL ASIA TBK PT	SEDOL B01C1P6	0.09
PETROBRAS GLOBAL FINANCE	USD 06.2500 03/17/2024	0.09
UNITED MEXICAN STATES	USD 05.5500 01/21/2045	0.09
FNR 2017-8 SB	IO 05.9155 02/25/2047	0.09
CIA SANEAMENTO BASICO DE SP	SEDOL B1YCHL8	0.09

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

NOVOLIPETSK STEEL PJSC-GDR	SEDOL B0RTNX3	0.09
XINYI GLASS HOLDINGS LTD	SEDOL B05NXN7	0.09
TELEFONICA BRASIL S.A.-PREF	SEDOL B3ZCNF7	0.09
ECOPETROL SA-SPONSORED ADR	SEDOL B3D6J19	0.09
SPY 20210521 P 235.00BANKAM		0.09
GNR 2017-H11 NI IO	02.6013 05/20/2067	0.09
BANK OF JIANGSU CO LTD- A 144A/REGS WARRANT 08/07/2		0.08
GNR 2015-H25 BI IO	02.7630 10/20/2065	0.08
GNR 2015-H15 JI IO	01.9345 06/20/2065	0.08
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.08
SAMSUNG ENGINEERING CO LTD	SEDOL 6765239	0.08
GNR 2015-H24 HI IO	02.0444 09/20/2065	0.08
FNR 2017-108 SA IO	05.9655 01/25/2048	0.08
COM7 PCL-F	SEDOL BZ2YN49	0.08
GNR 2018-91 SJ IO	06.0600 07/20/2048	0.08
GNR 2010-68 SD IO	06.3900 06/20/2040	0.07
SEAZEN HOLDINGS CO 144A/REGS WARRANT 05/06/2021		0.07
GNR 2016-135 PI IO	04.0000 05/20/2046	0.07
FHR 4964 IA IO	04.5000 03/25/2050	0.07
GNR 2019-121 DS IO	05.9100 08/20/2049	0.07
GNR 2015-H25 AI IO	01.5826 09/20/2065	0.07
TIM PARTICIPACOES SA	SEDOL 2292560	0.07
FNR 2012-19 S IO	05.7655 03/25/2042	0.07
STACR 2020-HQA2 M2	03.8600 03/25/2050	0.07
SUN ART RETAIL GROUP LTD	SEDOL B3MPN59	0.07
GNR 2016-51 MS IO	05.8600 04/20/2046	0.06
SPY 20210416 P 225.00BANKAM		0.06
GNR 2017-H14 DI IO	01.6786 06/20/2067	0.06
TOFAS OTOMOBIL FAB	SEDOL B03MY33	0.06
GNR 2015-H09 AI IO	02.3733 04/20/2065	0.06
PROVINCIA DE BUENOS P/P 144A 10.8750 01/26/2021		0.06
FNR 2017-32 IP IO	04.5000 05/25/2047	0.06
GNR 2016-150 I IO	05.0000 11/20/2046	0.06
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CG		0.06
POWSZECHNY ZAKLAD UBEZPIECZE	SEDOL B63DG21	0.06
KUMBA IRON ORE LTD	SEDOL B1G4262	0.06
0.85 R ISWP FWD US0003M P 06/17/2030		0.06
FNR 2016-65 CS IO	05.9155 09/25/2046	0.06
BBVA ARGENTINA SA-ADR	SEDOL BKT4TC7	0.06
CAS 2015-C04 1M2	05.8845 04/25/2028	0.06
BANCO DE CHILE-ADR	SEDOL 2834252	0.06
GNR 2015-H26 GI IO	01.7697 10/20/2065	0.06
GNR 2018-104 SD IO	06.0100 08/20/2048	0.06
GNR 2014-H21 AI IO	02.4207 10/20/2064	0.06
WAMU 2004-AR12 A2B	01.0883 10/25/2044	0.06

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.06
GNR 2018-H05 AI IO	02.5347 02/20/2068	0.06
JPMBB 2013-C14 E	P/P 144A 04.8585 08/15/2046	0.06
FNR 2013-130 SD IO	06.4155 01/25/2044	0.05
GNR 2017-H02 BI IO	02.4254 01/20/2067	0.05
FORD OTOMOTIV	SEDOL B03MSR5	0.05
GNR 2015-H20 CI IO	03.0304 08/20/2065	0.05
CHINA YUHUA EDUCAT	SEDOL BYWPGC4	0.05
WFRBS 2011-C3 E	P/P 144A 05.0000 03/15/2044	0.05
GNR 2015-H19 NI IO	01.8796 07/20/2065	0.05
TREASURY BILL	00.0000 07/14/2020	0.05
GNR 2015-H09 BI IO	01.6604 03/20/2065	0.05
GNR 2015-H24 BI IO	01.5847 08/20/2065	0.05
PETROBRAS GLOBAL FINANCE	USD 06.1250 01/17/2022	0.05
DINO POLSKA SA	SEDOL BD0YVN2	0.05
HM SAMPOERNA TBK PT	SEDOL 6404242	0.05
PETROBRAS GLOBAL FINANCE	USD 08.7500 05/23/2026	0.05
GRUPO AEROPORTUARIO DEL CENT	SEDOL B1KFX13	0.05
GNR 2016-H03 AI IO	02.4845 01/20/2066	0.05
GNR 2015-H22 GI IO	02.5915 09/20/2065	0.05
FENG TAY ENTERPRISE CO LTD	SEDOL 6336055	0.05
FHR 4752 PS IO	06.0153 11/15/2047	0.04
SIME DARBY BERHAD	SEDOL B29TTR1	0.04
PETROBRAS GLOBAL FIN	USD 05.9990 01/27/2028	0.04
CAS 2017-C02 2B1	05.6845 09/25/2029	0.04
PETRONAS GAS BHD	SEDOL 6703972	0.04
GNR 2015-80 IA IO	04.5000 06/20/2045	0.04
GNR 2017-H06 BI IO	02.3512 02/20/2067	0.04
GSMS 2014-GC24 D	P/P 144A 04.6645 09/10/2047	0.04
GNR 2015-H10 CI IO	01.7774 04/20/2065	0.04
GNR 2015-53 MI IO	04.0000 04/16/2045	0.04
IMPALA PLATINUM HOLDINGS LTD	SEDOL B1FFT76	0.04
FHR 4134 PI IO	03.0000 11/15/2042	0.04
GNR 2016-H08 GI IO	01.4007 04/20/2066	0.04
FHR 4259 DI IO	04.0000 06/15/2043	0.04
FNR 2016-3 NI IO	06.0000 02/25/2046	0.04
CAS 2018-C05 1M2	02.5345 01/25/2031	0.04
GNR 2018-127 IB IO	04.5000 06/20/2045	0.04
NZD/USD 07/15/2020 UBS		0.04
SPY 20210319 P	195.00JPMCB	0.04
POU CHEN	SEDOL 6696157	0.04
GNR 2013-6 AI IO	03.5000 08/20/2039	0.04
CMB CMBX.NA.BB.6	2063-05-11 500.0 05/11/2063 CS	0.03
GNR 2016-H16 DI IO	01.2222 06/20/2066	0.03
GNR 2015-167 BI IO	04.5000 04/16/2045	0.03

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

JPMCC 2006-LDP9 AMS	05.3370	05/15/2047	0.03
GNR 2015-105 LI IO	05.0000	10/20/2039	0.03
CMB CMBX.NA.BBB-.7 2047-01-17	300.0	01/17/2047	MS 0.03
GNR 2015-H16 XI IO	03.0095	07/20/2065	0.03
FEDERAL GRID CO UNIFIED ENER	SEDOL B39RR67		0.03
GNR 2014-146 EI IO	05.0000	10/20/2044	0.03
GNR 2015-187 JI IO	04.0000	03/20/2045	0.03
GNR 2011-17 S IO	05.8600	02/20/2041	0.03
AUD/USD 07/15/2020 HSBCB			0.03
NZD/USD 07/15/2020 SSBT			0.03
GNR 2010-9 UI IO	05.0000	01/20/2040	0.03
GNR 2016-37 IW IO	04.5000	02/20/2046	0.03
PETROLEOS MEXICANOS	USD 06.3750	01/23/2045	0.03
TECO ELECTRIC & MACHINERY	SEDOL 6879851		0.03
PLDT INC	SEDOL BDGN274		0.03
CAS 2017-C06 2M2	02.9845	02/25/2030	0.03
CAS 2020-R01 1B1	03.4345	01/25/2040	0.03
GNR 2016-H04 KI IO	02.2599	02/20/2066	0.03
FNR 2017-2 KI IO	04.0000	02/25/2047	0.03
GNR 2013-20 QI IO	04.5000	12/16/2042	0.03
KOSSAN RUBBER INDUSTRIES	SEDOL B0DD1H9		0.03
CMB CMBX.NA.BB.7 2047-01-17	500.0	01/17/2047	GS 0.03
GNR 2017-57 AI IO	04.0000	06/20/2045	0.03
AUD/USD 07/15/2020 WPAC			0.03
BANK OF CHINA LTD-H	SEDOL B154564		0.03
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058	CS 0.02
YDUQS PARTICIPACOES SA	SEDOL BJGV3C2		0.02
GNR 2018-127 ID IO	05.0000	07/20/2045	0.02
CWHL 2005-3 1A1	00.8045	04/25/2035	0.02
QUALITAS CONTROLADORA SAB CV	SEDOL BYMXF65		0.02
GNR 2009-121 UI IO	05.0000	12/20/2039	0.02
FHR 4568 MI IO	04.0000	04/15/2046	0.02
GNR 2018-127 IE IO	03.5000	01/20/2046	0.02
GNR 2010-20 UI IO	05.0000	02/20/2040	0.02
EUR/GBP CALL 0.90 20200803	UBS		0.02
RUENTEX DEVELOPMENT CO LTD	SEDOL 6748423		0.02
KT CORP	SEDOL 6505316		0.02
BANK BTPN SYARIAH TBK PT	SEDOL BFNBJ41		0.02
IOS.FN30.400.14 R USL1M P	01/12/45	CS	0.02
GNR 2014-163 NI IO	05.0000	02/20/2044	0.02
WESTPORTS HOLDINGS BHD	SEDOL BDFM1K8		0.02
MANILA ELECTRIC COMPANY	SEDOL B247XZ6		0.02
FHR 4801 IG IO	03.0000	06/15/2048	0.02
IOS.FN30.350.12 R USL1M P	01/12/43	CS	0.02
GNR 2015-24 IA IO	03.5000	02/20/2045	0.02

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

EUR/USD CALL 1.16 20201118 GSFX	0.02
EUR/USD CALL 1.16 20201118 BANKAM	0.02
GNR 2016-75 EI IO 03.5000 08/20/2045	0.02
IDR/USD 08/19/2020 BCAP-FX	0.02
GNR 2015-H10 EI IO 01.5885 04/20/2065	0.02
AUD/USD 07/15/2020 TDBK	0.02
GNR 2015-H18 IA IO 01.8116 06/20/2065	0.02
USD/JPY PUT 105.00 20201124 BANKAM	0.02
USD/JPY PUT 105.00 20201124 GSFX	0.02
NZD/USD 07/15/2020 BCAP-FX	0.02
GNR 2013-129 SN IO 05.9600 09/20/2043	0.02
GNR 2011-H15 AI IO 01.5040 06/20/2061	0.02
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 ML	0.01
CHINA BIOLOGIC PRODUCTS HOLD SEDOL BF0G7L2	0.01
GNR 2010-134 ES IO 05.8100 11/20/2039	0.01
SWPTN 3MX5Y P 0.353 USD 08/13/2020 BC	0.01
SWPTN 5YX30Y R 2.8325 USD 02/15/2022 JP	0.01
FNR 2013-35 PI IO 03.0000 02/25/2042	0.01
FHR 3747 SA IO 06.3153 10/15/2040	0.01
GNR 2013-24 PI IO 04.0000 11/20/2042	0.01
EUR/CHF CALL 1.10 20201209 CSI-FX	0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.01
GNR 2015-124 NI IO 03.5000 06/20/2039	0.01
FHR 4193 PI IO 04.0000 03/15/2043	0.01
1.00 R ISWP FWD AUDBB6M P 09/16/2030	0.01
TRANSMISSORA ALIANCA DE-UNIT SEDOL B1G8KX7	0.01
NZD/USD 07/15/2020 BANKAM	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 ML	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS	0.01
UBSBB 2012-C2 F P/P 144A 05.0000 05/10/2063	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.01
FHR 4206 IP IO 03.0000 12/15/2041	0.01
FNR 2012-151 PI IO 03.0000 01/25/2043	0.01
PROVINCIA DE BUENOS 32.7250 05/31/2022	0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 ML	0.01
GNR 2013-157 IA IO 03.5000 04/20/2040	0.01
1.15 R ISWP FWD CDOR03 P 09/16/2030	0.01
GBP/USD 09/16/2020 SSBT	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 GS	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 CS	0.01
0.805 R ISWP US0003M P 05/04/2050	0.01
HLA CORP LTD 144A/REGS WARRANT	0.01
FHR 4073 AS IO 05.8653 08/15/2038	0.01
IOS.FN30.350.14 R USL1M P 01/12/45 CS	0.01

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GNR 2013-79 XI IO	03.5000	11/20/2039	0.01
CAS 2015-C02 2M2	04.1845	05/25/2025	0.01
AUD/USD 07/15/2020 BANKAM			0.01
0.90 R ISWP FWD US0003M P		09/16/2030	0.01
GNR 2013-23 IK IO	03.0000	09/20/2037	0.01
GNR 2010-35 QI IO	04.5000	03/20/2040	0.01
3.312 R ISWP US0003M P		11/08/2048	0.01
RUB/USD 09/16/2020 GSF			0.01
GNR 2013-100 MI IO	03.5000	02/20/2043	0.01
FHR 4097 PI IO	03.5000	11/15/2040	0.01
NZD/USD 07/15/2020 RBSF			0.01
GNR 2015-99 LI IO	04.0000	07/20/2045	0.01
NZD/USD 07/15/2020 WPAC			0.01
CAD/USD 07/15/2020 GSF			0.01
EUR/USD CALL 1.1665 20200914 BANKAM			0.01
EUR/USD CALL 1.1665 20200914 BCAP-FX			0.01
0.353 R ISWP FWD US0003M P		08/17/2025	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0		11/17/2059 CG	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0		11/17/2059 CG	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0		11/17/2059 MS	0.01
IOS.FN30.650.67 R USL1M P		01/12/38 BC	0.01
FHR 4099 BI IO	03.5000	06/15/2039	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0		09/17/2058 MS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0		09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0		09/17/2058 GS	0.00
GNR 2014-133 AI IO	04.0000	10/20/2036	0.00
GNR 2015-96 NI IO	03.5000	01/20/2039	0.00
NZD/USD 07/15/2020 TDBK			0.00
0.452 R ISWP US0003M P		06/11/2025	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0		11/18/2054 CG	0.00
FNR 2012-136 PI IO	03.5000	11/25/2042	0.00
GNR 2012-141 WI IO	03.5000	11/20/2041	0.00
GNR 2015-82 GI IO	03.5000	12/20/2038	0.00
IOS.FN30.400.10 R USL1M P		01/12/41 BA	0.00
IOS.FN30.400.10 R USL1M P		01/12/41 BA	0.00
GBP/USD 09/16/2020 UBS			0.00
FNR 2013-31 NI IO	03.0000	06/25/2041	0.00
0.7176 R ISWP US0003M P		05/21/2030	0.00
0.71729 R ISWP US0003M P		05/21/2030	0.00
REPUBLIC OF VENEZUELA REGS	07.6500	04/21/2025	0.00
CAD/USD 07/15/2020 RBSF			0.00
PETROLEOS DE VENEZUELA S REGS	05.3750	04/12/2027	0.00
JPY/USD 08/19/2020 BANKAM			0.00
GNR 2013-102 IP IO	03.5000	06/20/2043	0.00
IOS.FN30.400.10 R USL1M P		01/12/41 CI	0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
0.3535 R ISWP US0003M P 06/04/2025	0.00
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 JP	0.00
GBP/USD 09/16/2020 CITI	0.00
IOS.FN30.350.12 R USL1M P 01/12/43 CS	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BC	0.00
JPY/USD 08/19/2020 SSBT	0.00
0.4035 R ISWP US0003M P 05/11/2025	0.00
BSCMS 2006-PW11 C P/P 144A 05.8015 03/11/2039	0.00
SWPTN 10YX20Y R 2.8175 USD 03/23/2027 GS	0.00
0.4016 R ISWP US0003M P 05/11/2025	0.00
0.401 R ISWP US0003M P 05/11/2025	0.00
0.3998 R ISWP US0003M P 05/11/2025	0.00
0.399 R ISWP US0003M P 05/11/2025	0.00
0.39637 R ISWP US0003M P 05/11/2025	0.00
0.39537 R ISWP US0003M P 05/11/2025	0.00
2.2225 R ISWP FWD US0003M P 06/05/2029	0.00
SEK/USD 09/16/2020 UBS	0.00
INR/USD 08/19/2020 HSBCB	0.00
0.6915 R ISWP US0003M P 04/22/2030	0.00
1.27 R ISWP FWD US0003M P 01/27/2047	0.00
0.5884 R ISWP US0003M P 05/12/2030	0.00
0.242 R ISWP US0003M P 06/04/2022	0.00
GBP/USD 09/16/2020 CSI-FX	0.00
0.5975 R ISWP US0003M P 05/12/2030	0.00
GBP/USD 09/16/2020 WPAC	0.00
0.6685 R ISWP US0003M P 06/15/2030	0.00
0.66833 R ISWP US0003M P 06/15/2030	0.00
0.6675 R ISWP US0003M P 06/15/2030	0.00
GBP/USD 09/16/2020 HSBCB	0.00
0.66726 R ISWP US0003M P 04/24/2030	0.00
JPY/USD 08/19/2020 GSFX	0.00
NOK/USD 09/16/2020 SSBT	0.00
0.664 R ISWP US0003M P 04/24/2030	0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	0.00
SEK/USD 09/16/2020 GSFX	0.00
JPY/USD 08/19/2020 WPAC	0.00
CHF/USD 09/16/2020 SSBT	0.00
EUR/USD 09/16/2020 BANKAM	0.00
EUR/USD 09/16/2020 CITI	0.00
MLCFC 2006-4 XC IO P/P 144A 00.7474 12/12/2049	0.00
AUD/USD 07/15/2020 GSFX	0.00
JPY/USD 08/19/2020 JPMCB	0.00
NZD/USD 07/15/2020 CSI-FX	0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
SEK/USD 09/16/2020 JPMCB	0.00
GNR 2013-90 HI IO 03.5000 04/20/2040	0.00
AUD/USD PUT 0.62 20200715 GSFX	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
EUR/USD 09/16/2020 HSBCB	0.00
SWPTN 2YX30Y P 2.3075 USD 06/20/2022 BA	0.00
1.275 R ISWP FWD US0003M P 03/07/2050	0.00
NOK/USD 09/16/2020 CITI	0.00
NOK/USD 09/16/2020 BANKAM	0.00
CHF/USD 09/16/2020 CITI	0.00
HKD/USD 08/19/2020 TDBK	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
NOK/USD 09/16/2020 HSBCB	0.00
JPY/USD 08/19/2020 CITI	0.00
GBP/USD 09/16/2020 BCAP-FX	0.00
HKD/USD 08/19/2020 BANKAM	0.00
HKD/USD 08/19/2020 UBS	0.00
0.70 R ISWP FWD NOKOIB6M P 09/16/2025	0.00
EUR/USD 09/16/2020 UBS	0.00
0.40 R ISWP FWD US0003M P 06/17/2022	0.00
PLN/USD 09/16/2020 BCAP-FX	0.00
EUR/USD 09/16/2020 GSFX	0.00
EUR/USD 09/16/2020 WPAC	0.00
NZD/USD 07/15/2020 HSBCB	0.00
EUR/USD 09/16/2020 CSI-FX	0.00
HKD/USD 08/19/2020 HSBCB	0.00
SEK/USD 09/16/2020 CITI	0.00
SEK/USD 09/16/2020 SSBT	0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	0.00
GBP/USD 09/16/2020 TDBK	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	0.00
0.6732 R ISWP US0003M P 05/14/2030	0.00
EUR/USD 09/16/2020 RBSF	0.00
EUR/USD 09/16/2020 TDBK	0.00
0.649 R ISWP US0003M P 04/29/2030	0.00
NZD/USD 07/15/2020 JPMCB	0.00
GBP/USD 09/16/2020 RBSF	0.00
CAD/USD 07/15/2020 UBS	0.00
SEK/USD 09/16/2020 BCAP-FX	0.00
HKD/USD 08/19/2020 SSBT	0.00
TWD/USD 08/19/2020 BANKAM	0.00
CAD/USD 07/15/2020 WPAC	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
0.667 R ISWP US0003M P 06/02/2030	0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

0.67619 R ISWP US0003M P 04/24/2030	0.00
SWPTN 2YX30Y R 2.3075 USD 06/20/2022 BA	0.00
0.678 R ISWP US0003M P 04/24/2030	0.00
EUR/USD 09/16/2020 JPMCB	0.00
JPY/USD 08/19/2020 HSBCB	0.00
CHF/USD 09/16/2020 JPMCB	0.00
EUR/USD 09/16/2020 BCAP-FX	0.00
CAD/USD 07/15/2020 BCAP-FX	0.00
0.354 R ISWP US0003M P 06/04/2025	0.00
CAD/USD 07/15/2020 HSBCB	0.00
0.962 R ISWP US0003M P 05/21/2050	0.00
EUR/USD CALL 1.19 20200914 BCAP-FX	0.00
EUR/USD CALL 1.19 20200914 BANKAM	0.00
JPY/USD 08/19/2020 BCAP-FX	0.00
EUR/GBP CALL 0.94 20200803 UBS	0.00
CAD/USD 07/15/2020 CITI	0.00
NOK/USD 09/16/2020 GSFX	0.00
0.90 R ISWP FWD US0003M P 06/17/2050	0.00
GBP/USD 09/16/2020 GSFX	0.00
GBP/USD 09/16/2020 JPMCB	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
2.184 R ISWP FWD US0003M P 12/07/2030	0.00
0.6814 R ISWP US0003M P 04/20/2030	0.00
NOK/USD 09/16/2020 UBS	0.00
-0.20 R ISWP FWD CHL6M P 09/16/2030	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
2.67 R ISWP FWD US0003M P 03/28/2052	0.00
AUD/USD 07/15/2020 CSI-FX	0.00
JPY/USD 08/19/2020 UBS	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	0.00
0.20 R ISWP FWD SONIA P 09/16/2030	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
EUR/USD 09/16/2020 SSBT	0.00
0.7275 R ISWP US0003M P 04/22/2030	0.00
CAD/USD 07/15/2020 JPMCB	0.00
0.723 R ISWP US0003M P 06/19/2030	0.00
SWPTN 5YX30Y P 2.8325 USD 02/15/2022 JP	0.00
0.895 R ISWP US0003M P 04/22/2030	0.00
1.00 R ISWP FWD NOKOIB6M P 09/16/2030	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CAD/USD 07/15/2020 CSI-FX	-0.01
0.90 R ISWP FWD NFIX3MID P 09/16/2030	-0.01
AUD/USD 07/15/2020 JPMCB	-0.01

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

EUR/USD CALL 1.20 20201118 BANKAM	-0.01
EUR/USD CALL 1.20 20201118 GSFY	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
USD/JPY PUT 100.00 20201124 GSFY	-0.01
USD/JPY PUT 100.00 20201124 BANKAM	-0.01
EUR/CHF CALL 1.12 20201209 CSI-FX	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 BC	-0.01
CAD/USD 07/15/2020 TDBK	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
0.553 R ISWP US0003M P 04/16/2025	-0.01
0.89632 R ISWP US0003M P 06/10/2030	-0.01
SGD/USD 08/19/2020 JPMCB	-0.01
IOS.FN30.300.13 P USL1M R 01/12/44 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BC	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
IOS.FN30.400.10 P USL1M R 01/12/41 CS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
IOS.FN30.400.14 P USL1M R 01/12/45 JP	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
NZD/USD 07/15/2020 GSFY	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
NOK/USD 09/16/2020 BCAP-FX	-0.01
0.50 R ISWP FWD SES3M P 09/16/2030	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
CAD/USD 07/15/2020 BANKAM	-0.02
AUD/USD 07/15/2020 SSBT	-0.02
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.02
NZD/USD 07/15/2020 CITI	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
0.865 R ISWP US0003M P 06/09/2030	-0.02
SWPTN 3MX5Y R 0.353 USD 08/13/2020 BC	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CDX CDX.NA.HY.34 500.0 06/20/2025	-0.02
IOS.FN30.400.14 P US0001M R 01/12/45 JP	-0.03

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

-0.05 R ISWP FWD EUR006M P 09/16/2030	-0.03
EBIX US P R 07/05/22 CI	-0.03
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.03
AUD/USD 07/15/2020 UBS	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
CAD/USD 07/15/2020 SSBT	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.05
CTB US P R 07/05/22 CI	-0.05
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.07
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.08
ACIW US P R 07/05/22 CI	-0.08
EPC US P US0001M R 07/05/22 CI	-0.10
BGS US P R 07/05/22 CI	-0.10
TGI US P R 07/05/22 CI	-0.10
STL US P US0001M R 07/05/22 CI	-0.10
BRKR US P US0001M R 07/05/22 CI	-0.10
PBH US P US0001M R 07/05/22 CI	-0.12
0.65 R ISWP FWD US0003M P 06/17/2025	-0.12
ORA US P US0001M R 12/15/25 GS	-0.12
QLYS US P US0001M R 07/05/22 CI	-0.14
PS US P US0001M R 07/05/22 CI	-0.14
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.15
OTEX US P US0001M R 12/15/25 GS	-0.15
CMPR US P US0001M R 07/05/22 CI	-0.17
HBI US P R 07/05/22 CI	-0.17
AGCO US P US0001M R 12/15/25 GS	-0.18
OSK US P US0001M R 07/05/22 CI	-0.23
ENR US P R 07/05/22 CI	-0.23
PKI US P US0001M R 07/05/22 CI	-0.24
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.24
SKX US P US0001M R 07/05/22 CI	-0.24
ICLR US P R 07/05/22 CI	-0.30
PWR US P US0001M R 07/05/22 CI	-0.30
BHC US P R 07/05/22 CI	-0.40
GWRE US P US0001M R 07/05/22 CI	-0.41
RL US P US0001M R 07/05/22 CI	-0.42
AAXN US P US0001M R 07/05/22 CI	-0.43
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.50
ELAN US P US0001M R 07/05/22 CI	-0.53
FSLR US P US0001M R 07/05/22 CI	-0.54
NDUEEGF P US0001M R 12/14/20 GS	-0.58
IQV US P R 07/05/22 CI	-0.59
MSCI EAFE SEP20 MFSU0	-0.72

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

EVBG US P US0001M R 07/05/22 CI	-0.76
STX US P US0001M R 12/15/25 GS	-0.80
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.95
AMD US P US0001M R 07/05/22 CI	-0.98
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-1.00
TSLA US P R 07/05/22 CI	-1.00
ILMN US P US0001M R 07/05/22 CI	-1.01
CTXS US P US0001M R 07/05/22 CI	-1.33
RH US P US0001M R 07/05/22 CI	-1.34
NDUEEGF P US0003M R 09/18/20 CI	-1.37
NDUEEGF P US0003M R 03/19/21 CI	-3.00
NDUEEGF P US0001M R 08/20/20 UB	-7.82
S&P500 EMINI FUT SEP20 ESU0	-13.05
NDUEEGF P US0001M R 02/12/21 CS	-14.71
RU10INTR P US0003M R 06/10/21 CI	-18.19
US 2YR NOTE (CBT) SEP20 TUU0	-20.43
GSGLPW2S P US0001M R 12/15/25 GS	-27.72
GSGLPWDS P US0001M R 12/15/25 GS	-30.18
RU10INTR P US0003M R 06/20/23 BA	-33.78
SPTR P US0001M R 05/22/23 UB	-36.49

Full holdings as of May 31, 2020

US 10YR NOTE (CBT)SEP20 TYU0	55.59
GSGLPWDL R US0001M P 12/15/25 GS	40.17
CGPUTQL2 R US0003M P 11/25/20 CI	39.80
MLFCF15 R US0003M P 06/20/23 BA	39.11
UBSPUSER R US0001M P 05/20/23 UB	37.89
GSGLPW2L R US0001M P 12/15/25 GS	28.34
JPCMPFL R US0001M P 05/28/21 JP	17.26
REPO TRIPA MORTG 0.07 06/01/2020	5.22
CASH MGMT BILL 00.0000 08/25/2020	4.66
FNMA FN30 TBA UMBS 04.0000 07/01/2050	4.53
FNMA FN30 TBA UMBS 03.5000 07/01/2050	4.48
FNMA FN30 TBA UMBS 03.0000 06/01/2050	4.47
FNMA FN30 TBA UMBS 02.5000 06/01/2050	4.41
FNMA FN30 TBA UMBS 02.5000 07/01/2050	4.40
GSISXT27 R 0.2 P 12/15/20 GS	3.48
GSVIUS85 R 0.45 P 12/15/20 GS	2.73
US 10YR ULTRA FUT SEP20 UXYU0	2.68
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X 144A NOTI	2.19
TREASURY BILL 00.0000 07/09/2020	2.08
CITI COMMOD F3-F0 4X LEVERED INDEX 3X NOTE 1/25/2021	2.03
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.68
TREASURY BILL 00.0000 09/03/2020	1.61
COMM SERV SELECT SECTOR SPDR SEDOL BFXHC51	1.60

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

SAMSUNG ELECTRONICS CO LTD	SEDOL 6771720	1.56
HEALTH CARE SELECT SECTOR	SEDOL 2371823	1.53
TREASURY BILL	00.0000 07/23/2020	1.50
ALIBABA GROUP HOLDING-SP ADR	SEDOL BP41ZD1	1.50
REAL ESTATE SELECT SECT SPDR	SEDOL BYZ65Y9	1.45
UTILITIES SELECT SECTOR SPDR	SEDOL 2371812	1.42
GSVIVV69 R 0.3 P 12/15/20 GS		1.32
S&P GSCI ER INDEX		1.29
CITI CROSS-ASSET TREND 10% VOL INDEX 3X 144A NOTE		1.26
FINANCIAL SELECT SECTOR SPDR	SEDOL 2364038	1.24
NDEUSIA R US0003M P 02/12/21 UB		1.23
REGENCY MARKETS NO. 1 LLC	7588R0F44 DCP 06/04/20	1.06
MANHATTAN ASSET FUNDING CO LL	56274LF58 DCP 06/05/	1.06
SOCIETE GENERALE SA	83369BF84 DCP 06/08/2020	1.06
COLLATERALIZED COMMERCIAL PAP	19423JFC6 DCP 06/12	1.06
ING US FUNDING LLC	4497W0G69 DCP 07/06/2020	1.06
CRC FUNDING LLC	12619TG81 DCP 07/08/2020	1.06
MATCHPOINT FINANCE PLC	57666AG71 DCP 07/07/2020	1.06
FED HOME LN DISCOUNT NT	313384F38 GDC 09/09/2020	1.06
TENCENT HOLDINGS LTD	SEDOL BMMV2K8	1.04
TAIWAN SEMICONDUCTOR-SP ADR	SEDOL 2113382	0.93
ISHARES MSCI INDIA ETF	SEDOL B6XGR72	0.90
TREASURY BILL	00.0000 08/13/2020	0.90
GSVICUB3 R 0.45 P 12/15/20 GS		0.85
TREASURY BILL	00.0000 06/04/2020	0.84
TREASURY BILL	00.0000 06/18/2020	0.80
CASH MGMT BILL	00.0000 08/11/2020	0.77
TREASURY BILL	00.0000 09/24/2020	0.74
TREASURY BILL	00.0000 07/21/2020	0.73
PING AN INSURANCE GROUP CO-H	SEDOL B01FLR7	0.72
TREASURY BILL	00.0000 09/10/2020	0.65
CDX CDX.EM.33 100.0 06/20/2025		0.61
S&P GSCI ER INDEX		0.55
ANHUI CONCH CEMENT CO LTD-H	SEDOL 6080396	0.53
SINO BIOPHARMACEUTICAL	SEDOL B00XSF9	0.52
KWEICHOW MOUTAI CO LTD-A 144A/REGS WARRANT	08/07/	0.49
MMC NORILSK NICKEL PJSC-ADR	SEDOL BYSW6D0	0.46
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO LTD 144A/REG		0.45
GSVIVVOL R 0.3 P 12/15/20 GS		0.45
GREE ELECTRIC 144A/REGS WARRANT	8/24/2020	0.41
HYUNDAI MOBIS CO LTD	SEDOL 6449544	0.41
BANK OF SHANGHAI 144A/REGS WARRANT	12/02/2020	0.38
KIA MOTORS CORP	SEDOL 6490928	0.37
IND & COMM BK OF CHINA-H	SEDOL B1G1QD8	0.36
BB SEGURIDADE PARTICIPACOES	SEDOL B9N3SQ0	0.35

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

ADVANCED INFO SERVICE-FOR RG	SEDOL 6412591	0.34
TREASURY BILL	00.0000 08/06/2020	0.34
REPUBLICA ORIENT URUGUAY	USD 04.3750 10/27/2027	0.33
YUM CHINA HOLDINGS INC	SEDOL BYW4289	0.33
LUKOIL PJSC-SPON ADR	SEDOL BYZDW27	0.31
NETEASE INC-ADR	SEDOL 2606440	0.30
UNI-PRESIDENT ENTERPRISES CO	SEDOL 6700393	0.30
CHINA MOBILE LTD	SEDOL 6073556	0.30
CHAILEASE HOLDING CO LTD	SEDOL B58J1S8	0.30
KT&G CORP	SEDOL 6175076	0.28
VIPSHOP HOLDINGS LTD - ADR	SEDOL B3N0H17	0.27
BANCO DO BRASIL S.A.	SEDOL 2328595	0.27
ENEL AMERICAS SA-ADR	SEDOL 2314947	0.26
CHINA RESOURCES CEMENT	SEDOL B41XC98	0.26
FNR 2017-74 SA IO	05.5818 10/25/2047	0.25
PTT EXPLORATION & PROD-FOR	SEDOL B1359J0	0.25
UNITED MICROELECTRONICS CORP	SEDOL 6916628	0.25
INTER RAO UES PJSC	SEDOL B39RRN4	0.24
ANGLO AMERICAN PLATINUM LTD	SEDOL 6761000	0.24
CAS 2016-C02 1B	12.4183 09/25/2028	0.24
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.23
BANCO BTG PACTUAL SA-UNIT	SEDOL BZBZVC7	0.22
SPY 20210219 P 290.00CITI		0.22
TREASURY BILL	00.0000 06/11/2020	0.22
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 JP	0.21
TREASURY BILL	00.0000 06/25/2020	0.21
TREASURY BILL	00.0000 08/20/2020	0.21
SPY 20210115 P 290.00CITI		0.20
CHINA PETROLEUM & CHEMICAL-H	SEDOL 6291819	0.20
FOSUN INTERNATIONAL	SEDOL B1Z7FX0	0.20
GNR 2018-153 AI IO	04.5000 09/16/2045	0.20
SAMSUNG SDS CO LTD	SEDOL BRS2KY0	0.18
WEICHAI POWER CO LTD-H	SEDOL 6743956	0.18
SBERBANK PJSC -SPONSORED ADR	SEDOL B5SC091	0.18
FUBON FINANCIAL HOLDING CO	SEDOL 6411673	0.17
SINOTRUK HONG KONG LTD	SEDOL B296ZH4	0.17
CLICKS GROUP LTD	SEDOL 6105578	0.17
BANK OF JIANGSU CO LTD- A 144A/REGS WARRANT	08/07/2	0.17
WFRBS 2012-C7 F P/P 144A	04.5000 06/15/2045	0.17
HOME PRODUCT CENTER PCL-FOR	SEDOL 6418533	0.17
BANK CENTRAL ASIA TBK PT	SEDOL B01C1P6	0.17
RADIANT OPTO-ELECTRONICS COR	SEDOL 6520278	0.16
COUNTRY GARDEN SERVICES HOLD	SEDOL BDQZP48	0.16
ELECTRICITY GEN PUB CO-FOR R	SEDOL 6304643	0.15
BANCO MACRO SA-ADR	SEDOL B0Y62M9	0.15

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GLOBALWAFERS CO LTD	SEDOL BS7JP33	0.15
SPY 20201218 P 275.00JPMCB		0.15
HYPERA SA	SEDOL B2QY968	0.15
BANCO SANTANDER BRASIL-UNIT	SEDOL B4V5RY4	0.14
CHINA RESOURCES SANJIU MED 144A/REGS WARRANT 02/		0.14
CHINA RESOURCES GAS GROUP LT	SEDOL 6535517	0.14
FNR 2016-3 MI IO	05.5000 02/25/2046	0.14
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76	0.14
GNR 2014-184 DI IO	05.5000 12/16/2044	0.14
MISC BHD	SEDOL 6557997	0.14
TELEFONICA BRASIL S.A.-PREF	SEDOL B3ZCNF7	0.14
QUALICORP CONS E CORR SEG SA	SEDOL B4LHBQ0	0.13
FNR 2015-30 IO IO	05.5000 05/25/2045	0.13
SOULBRAIN CO LTD	SEDOL B0105T2	0.13
SHANGHAI PUDONG DEV BANK 144A/REGS WARRANT		0.13
KOREA ZINC CO LTD	SEDOL 6495428	0.13
DAELIM INDUSTRIAL CO LTD	SEDOL 6249584	0.13
PRESIDENT CHAIN STORE CORP	SEDOL 6704986	0.13
YUANTA FINANCIAL HOLDING CO	SEDOL 6424110	0.12
MWST 2019-1 A	00.9683 06/25/2052	0.12
GNR 2010-125 SD IO	06.4979 01/16/2040	0.12
WANT WANT CHINA HOLDINGS LTD	SEDOL B2Q14Z3	0.12
SPST 2019-7 A	00.8683 09/24/2020	0.12
CMLTI 2007-AR5 1A1A	03.9733 04/25/2037	0.12
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 GS		0.12
SURGUTNEFTEGAS-PREFERENCE	SEDOL 5005884	0.12
FNR 2018-51 IO IO	06.5000 07/25/2048	0.12
LITE-ON TECHNOLOGY CORP	SEDOL 6519481	0.12
SPST 2019-3 A	00.8683 06/24/2020	0.11
SPST 2019-11 A	00.9183 10/24/2020	0.11
LOGAN PROPERTY HOLDINGS CO L	SEDOL BH6X937	0.11
PETRONAS CHEMICALS GROUP BHD	SEDOL B5KQGT3	0.11
TRIPOD TECHNOLOGY CORP	SEDOL 6305721	0.11
OTP BANK RT	SEDOL 7320154	0.11
WALMART DE MEXICO SAB DE CV	SEDOL BW1YVH8	0.11
FOSHAN HAITIAN FLAVOURING & FOOD 144A/REGS WARRA		0.11
SPST 2020-2 A	00.9983 03/26/2021	0.11
FNR 2016-88 SK IO	05.8318 12/25/2046	0.10
SCRT 2019-4 M	04.5000 02/25/2059	0.10
BOFA MLCOMMODITY MLBX4SX6 ER STRATEGY 08/03/2020		0.10
SPY 20210521 P 235.00BANKAM		0.10
GNR 2016-H02 BI IO	02.2578 11/20/2065	0.10
FNR 2017-8 SB IO	05.9318 02/25/2047	0.10
ENBRIDGE INC	USD 04.2500 12/01/2026	0.09
PETROBRAS GLOBAL FINANCE	USD 06.2500 03/17/2024	0.09

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

UNITED MEXICAN STATES USD 05.5500 01/21/2045	0.09
CHINA MINSHENG BANKING COR-H SEDOL B57JY24	0.09
CAPITEC BANK HOLDINGS LTD SEDOL 6440859	0.09
NOVOLIPETSK STEEL PJSC-GDR SEDOL B0RTNX3	0.09
CIA SANEAMENTO BASICO DE SP SEDOL B1YCHL8	0.09
GNR 2017-H11 NI IO 01.5755 05/20/2067	0.09
TAISHIN FINANCIAL HOLDING SEDOL 6451680	0.09
GNR 2015-H25 BI IO 02.4249 10/20/2065	0.09
HELLENIC TELECOMMUN ORGANIZA SEDOL 5051605	0.09
GNR 2010-68 SD IO 06.4093 06/20/2040	0.09
GNR 2015-H15 JI IO 02.1253 06/20/2065	0.09
ECOPETROL SA-SPONSORED ADR SEDOL B3D6J19	0.09
FNR 2017-108 SA IO 05.9818 01/25/2048	0.09
GNR 2015-H24 HI IO 02.0377 09/20/2065	0.09
GNR 2018-91 SJ IO 06.0793 07/20/2048	0.08
XINYI GLASS HOLDINGS LTD SEDOL B05NXN7	0.08
GNR 2016-135 PI IO 04.0000 05/20/2046	0.08
SAMSUNG ENGINEERING CO LTD SEDOL 6765239	0.08
GNR 2019-121 DS IO 05.9293 08/20/2049	0.08
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CG	0.08
FHR 4964 IA IO 04.5000 03/25/2050	0.08
SPST 2019-WL1 A 00.8183 08/25/2052	0.08
SEAZEN HOLDINGS CO 144A/REGS WARRANT 05/06/2021	0.08
SEK/USD 06/17/2020 SSBT	0.08
CAS 2019-R04 2M2 02.2683 06/25/2039	0.07
GNR 2015-H25 AI IO 01.7695 09/20/2065	0.07
FNR 2012-19 S IO 05.7818 03/25/2042	0.07
TIM PARTICIPACOES SA SEDOL 2292560	0.07
GNR 2016-51 MS IO 05.8793 04/20/2046	0.07
HLA CORP LTD 144A/REGS WARRANT	0.07
GENTING MALAYSIA BHD SEDOL B1VXKN7	0.07
COM7 PCL-F SEDOL BZ2YN49	0.07
CHINA YUHUA EDUCAT SEDOL BYWPGC4	0.07
GNR 2016-150 I IO 05.0000 11/20/2046	0.07
GNR 2017-H14 DI IO 01.8658 06/20/2067	0.07
WNS HOLDINGS LTD-ADR SEDOL B194GX4	0.07
GNR 2015-H09 AI IO 02.0355 04/20/2065	0.07
FNR 2017-32 IP IO 04.5000 05/25/2047	0.07
GEELY AUTOMOBILE HOLDINGS LT SEDOL 6531827	0.06
POWSZECHNY ZAKLAD UBEZPIECZE SEDOL B63DG21	0.06
GSMS 2014-GC24 D P/P 144A 04.5316 09/10/2047	0.06
CAS 2015-C04 1M2 05.8683 04/25/2028	0.06
SPY 20210416 P 225.00BANKAM	0.06
FNR 2016-65 CS IO 05.9318 09/25/2046	0.06
SUN ART RETAIL GROUP LTD SEDOL B3MPN59	0.06

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GNR 2018-104 SD IO	06.0293 08/20/2048	0.06
RHB BANK BHD	SEDOL 6244675	0.06
STACR 2020-HQA2 M2	03.8600 03/25/2050	0.06
FNR 2013-130 SD IO	06.4318 01/25/2044	0.06
GNR 2014-H21 AI IO	02.0860 10/20/2064	0.06
WAMU 2004-AR12 A2B	01.0883 10/25/2044	0.06
HM SAMPOERNA TBK PT	SEDOL 6404242	0.06
0.85 R ISWP FWD US0003M P	06/17/2030	0.06
GNR 2017-H02 BI IO	02.4424 01/20/2067	0.06
BANCO DE CHILE-ADR	SEDOL 2834252	0.06
GNR 2015-H20 CI IO	02.7430 08/20/2065	0.06
GNR 2015-H19 NI IO	02.0664 07/20/2065	0.06
TOFAS OTOMOBIL FAB	SEDOL B03MY33	0.06
GNR 2018-H05 AI IO	02.5348 02/20/2068	0.06
GNR 2015-H09 BI IO	01.8517 03/20/2065	0.06
TREASURY BILL	00.0000 07/14/2020	0.06
GNR 2015-H24 BI IO	01.7684 08/20/2065	0.06
PROVINCIA DE BUENOS P/P 144A	10.8750 01/26/2021	0.05
PETROBRAS GLOBAL FINANCE USD	06.1250 01/17/2022	0.05
JPMBB 2013-C14 E P/P 144A	04.7018 08/15/2046	0.05
FHR 4752 PS IO	06.0164 11/15/2047	0.05
WFRBS 2011-C3 E P/P 144A	05.0000 03/15/2044	0.05
GNR 2015-H26 GI IO	01.9563 10/20/2065	0.05
CHAROEN POKPHAND FOOD-FORGN	SEDOL B5L2DG6	0.05
FENG TAY ENTERPRISE CO LTD	SEDOL 6336055	0.05
BBVA ARGENTINA SA-ADR	SEDOL BKT4TC7	0.05
ZHEN DING TECHNOLOGY HOLDING	SEDOL B734XQ4	0.05
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.05
GENTING BHD	SEDOL B1VXJL8	0.05
FORD OTOMOTIV	SEDOL B03MSR5	0.05
PETROBRAS GLOBAL FINANCE USD	08.7500 05/23/2026	0.05
PETRONAS GAS BHD	SEDOL 6703972	0.05
0.70 R ISWP FWD US0003M P	06/17/2025	0.05
GNR 2016-H03 AI IO	02.1521 01/20/2066	0.05
GRUPO AEROPORTUARIO DEL CENT	SEDOL B1KFX13	0.05
GNR 2015-H22 GI IO	02.5877 09/20/2065	0.05
GNR 2015-80 IA IO	04.5000 06/20/2045	0.05
BANCO SANTANDER-CHILE-ADR	SEDOL 2136646	0.05
GNR 2017-H06 BI IO	02.3704 02/20/2067	0.04
PETROBRAS GLOBAL FIN USD	05.9990 01/27/2028	0.04
SIME DARBY BERHAD	SEDOL B29TTR1	0.04
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 MS	0.04
GNR 2015-53 MI IO	04.0000 04/16/2045	0.04
GNR 2015-H10 CI IO	01.9651 04/20/2065	0.04
GNR 2018-127 IB IO	04.5000 06/20/2045	0.04

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

IMPALA PLATINUM HOLDINGS LTD	SEDOL B1FFT76	0.04
SPY 20210319 P 195.00	JPMCB	0.04
FHR 4134 PI	IO 03.0000 11/15/2042	0.04
CAS 2018-C05 1M2	02.5183 01/25/2031	0.04
GNR 2016-H08 GI	IO 01.5872 04/20/2066	0.04
FNR 2016-3 NI	IO 06.0000 02/25/2046	0.04
GNR 2013-6 AI	IO 03.5000 08/20/2039	0.04
SEK/USD 06/17/2020	GSFX	0.04
FHR 4259 DI	IO 04.0000 06/15/2043	0.04
POU CHEN	SEDOL 6696157	0.04
CMB CMBX.NA.BB.6 2063-05-11	500.0 05/11/2063 CS	0.04
GNR 2015-105 LI	IO 05.0000 10/20/2039	0.04
GNR 2015-167 BI	IO 04.5000 04/16/2045	0.04
GNR 2014-146 EI	IO 05.0000 10/20/2044	0.04
GNR 2016-H16 DI	IO 02.0802 06/20/2066	0.04
GNR 2015-187 JI	IO 04.0000 03/20/2045	0.04
GNR 2010-9 UI	IO 05.0000 01/20/2040	0.04
CAS 2017-C02 2B1	05.6683 09/25/2029	0.04
GNR 2011-17 S	IO 05.8793 02/20/2041	0.03
GNR 2015-H16 XI	IO 02.9630 07/20/2065	0.03
SAO MARTINHO SA	SEDOL B1P3R43	0.03
GNR 2016-37 IW	IO 04.5000 02/20/2046	0.03
FEDERAL GRID CO UNIFIED ENER	SEDOL B39RR67	0.03
CAS 2017-C06 2M2	02.9683 02/25/2030	0.03
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CS	0.03
TECO ELECTRIC & MACHINERY	SEDOL 6879851	0.03
JPMCC 2006-LDP9 AMS	05.3370 05/15/2047	0.03
PETROLEOS MEXICANOS	USD 06.3750 01/23/2045	0.03
PLDT INC	SEDOL BDGN274	0.03
GNR 2013-20 QI	IO 04.5000 12/16/2042	0.03
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.03
GNR 2017-57 AI	IO 04.0000 06/20/2045	0.03
GNR 2018-127 ID	IO 05.0000 07/20/2045	0.03
GNR 2016-H04 KI	IO 01.9391 02/20/2066	0.03
SWPTN 3MX5Y P 0.353	USD 08/13/2020 BC	0.03
FNR 2017-2 KI	IO 04.0000 02/25/2047	0.03
BANK OF CHINA LTD-H	SEDOL B154564	0.03
CWHL 2005-3 1A1	00.7883 04/25/2035	0.03
GNR 2018-127 IE	IO 03.5000 01/20/2046	0.03
QUALITAS CONTROLADORA SAB CV	SEDOL BYMXF65	0.03
FHR 4568 MI	IO 04.0000 04/15/2046	0.03
GNR 2009-121 UI	IO 05.0000 12/20/2039	0.02
GNR 2010-20 UI	IO 05.0000 02/20/2040	0.02
GBP/USD 06/17/2020	SSBT	0.02
EUR/GBP CALL 0.90	20200803 UBS	0.02

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GNR 2016-75 EI IO	03.5000	08/20/2045	0.02
SEK/USD 06/17/2020 JPMCB			0.02
YDUQS PARTICIPACOES SA	SEDOL BJGV3C2		0.02
GNR 2014-163 NI IO	05.0000	02/20/2044	0.02
KT CORP	SEDOL 6505316		0.02
FHR 4801 IG IO	03.0000	06/15/2048	0.02
IOS.FN30.400.14 R USL1M P	01/12/45	CS	0.02
MANILA ELECTRIC COMPANY	SEDOL B247XZ6		0.02
WESTPORTS HOLDINGS BHD	SEDOL BDFM1K8		0.02
CAS 2020-R01 1B1	03.4183	01/25/2040	0.02
AUD/USD 07/15/2020 HSBCB			0.02
IOS.FN30.350.12 R USL1M P	01/12/43	CS	0.02
GNR 2015-24 IA IO	03.5000	02/20/2045	0.02
RUENTEX DEVELOPMENT CO LTD	SEDOL 6748423		0.02
EUR/GBP CALL 0.91 20200818	BANKAM		0.02
BANK TABUNGAN PENSIUNAN NASI	SEDOL BFNBJ41		0.02
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058	ML
AUD/USD 07/15/2020 WPAC			0.02
GNR 2015-H10 EI IO	01.7749	04/20/2065	0.02
USD/JPY PUT 105.00 20201124	BANKAM		0.02
USD/JPY PUT 105.00 20201124	GSFX		0.02
GNR 2015-H18 IA IO	01.9985	06/20/2065	0.02
GNR 2013-129 SN IO	05.9793	09/20/2043	0.02
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054	CG
GNR 2010-134 ES IO	05.8293	11/20/2039	0.02
0.30 R ISWP FWD SONIA P	06/17/2025		0.02
CHINA BIOLOGIC PRODUCTS HOLD	SEDOL BF0G7L2		0.02
GNR 2011-H15 AI IO	01.6857	06/20/2061	0.02
MALAYSIA AIRPORTS HLDGS BHD	SEDOL 6188193		0.02
NZD/USD 07/15/2020 SSBT			0.01
NZD/USD 07/15/2020 UBS			0.01
UBSBB 2012-C2 F P/P 144A	04.8892	05/10/2063	0.01
FNR 2013-35 PI IO	03.0000	02/25/2042	0.01
GNR 2013-24 PI IO	04.0000	11/20/2042	0.01
FHR 3747 SA IO	06.3164	10/15/2040	0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054	ML
GNR 2015-124 NI IO	03.5000	06/20/2039	0.01
NESTLE (MALAYSIA) BERHAD	SEDOL 6629335		0.01
SWPTN 5YX30Y R 2.8325	USD	02/15/2022	JP
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059	CS
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059	CS
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059	ML
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058	MS
AUD/USD 07/15/2020 TDBK			0.01
FHR 4193 PI IO	04.0000	03/15/2043	0.01

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

GBP/USD 06/17/2020 JPMCB	0.01
TRANSMISSORA ALIANCA DE-UNIT SEDOL B1G8KX7	0.01
FNR 2012-151 PI IO 03.0000 01/25/2043	0.01
FHR 4206 IP IO 03.0000 12/15/2041	0.01
0.805 R ISWP US0003M P 05/04/2050	0.01
ASTRO MALAYSIA SEDOL B7W5GK3	0.01
FHR 4073 AS IO 05.8664 08/15/2038	0.01
GNR 2013-157 IA IO 03.5000 04/20/2040	0.01
EUR/USD CALL 1.14 20201118 GSFY	0.01
EUR/USD CALL 1.14 20201118 BANKAM	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 GS	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 CS	0.01
GNR 2013-79 XI IO 03.5000 11/20/2039	0.01
RUB/USD 09/16/2020 GSFY	0.01
IOS.FN30.350.14 R USL1M P 01/12/45 CS	0.01
FHR 4097 PI IO 03.5000 11/15/2040	0.01
PROVINCIA DE BUENOS 29.9396 05/31/2022	0.01
GNR 2013-100 MI IO 03.5000 02/20/2043	0.01
IDR/USD 08/19/2020 BCAP-FX	0.01
CAS 2015-C02 2M2 04.1683 05/25/2025	0.01
GNR 2010-35 QI IO 04.5000 03/20/2040	0.01
GNR 2013-23 IK IO 03.0000 09/20/2037	0.01
GBP/USD 06/17/2020 GSFY	0.01
GBP/USD 06/17/2020 BCAP-FX	0.01
3.312 R ISWP US0003M P 11/08/2048	0.01
NZD/USD 07/15/2020 BCAP-FX	0.01
0.90 R ISWP FWD CDOR03 P 06/17/2025	0.01
GNR 2015-99 LI IO 04.0000 07/20/2045	0.01
GBP/USD 06/17/2020 CSI-FX	0.01
FHR 4099 BI IO 03.5000 06/15/2039	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.01
1.20 R ISWP FWD AUDBB6M P 06/17/2030	0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.01
GNR 2014-133 AI IO 04.0000 10/20/2036	0.01
IOS.FN30.650.67 R USL1M P 01/12/38 BC	0.01
GNR 2015-96 NI IO 03.5000 01/20/2039	0.01
GNR 2012-141 WI IO 03.5000 11/20/2041	0.01
GBP/USD 06/17/2020 TDBK	0.01
NZD/USD 07/15/2020 BANKAM	0.01
AUD/USD 07/15/2020 BANKAM	0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

FNR 2012-136 PI IO	03.5000	11/25/2042	0.00
GNR 2015-82 GI IO	03.5000	12/20/2038	0.00
0.25 R ISWP FWD SES3M P		06/17/2030	0.00
GBP/USD 06/17/2020 HSBCB			0.00
TWD/USD 08/19/2020 BANKAM			0.00
FNR 2013-31 NI IO	03.0000	06/25/2041	0.00
IOS.FN30.400.10 R USL1M P		01/12/41 BA	0.00
IOS.FN30.400.10 R USL1M P		01/12/41 BA	0.00
CAD/USD 07/15/2020 GSFX			0.00
AUD/USD PUT 0.62 20200715		GSFX	0.00
NZD/USD 07/15/2020 WPAC			0.00
PETROLEOS DE VENEZUELA S REGS	05.3750	04/12/2027	0.00
REPUBLIC OF VENEZUELA REGS	07.6500	04/21/2025	0.00
IOS.FN30.400.10 R USL1M P		01/12/41 JP	0.00
GNR 2013-102 IP IO	03.5000	06/20/2043	0.00
0.7176 R ISWP US0003M P		05/21/2030	0.00
0.71729 R ISWP US0003M P		05/21/2030	0.00
NZD/USD 07/15/2020 RBSF			0.00
USD/JPY PUT 106.00 20200701		BANKAM	0.00
BSCMS 2006-PW11 C P/P 144A	05.7751	03/11/2039	0.00
CMB CMBX.NA.BB.8 2057-10-17	500.0	10/17/2057 CS	0.00
CMB CMBX.NA.BB.8 2057-10-17	500.0	10/17/2057 CG	0.00
NZD/USD 07/15/2020 TDBK			0.00
IOS.FN30.400.10 R USL1M P		01/12/41 CI	0.00
JPY/USD 08/19/2020 SSBT			0.00
0.10 R ISWP FWD SES3M P		06/17/2025	0.00
CMB CMBX.NA.BB.7 2047-01-17	500.0	01/17/2047 JP	0.00
CAD/USD 07/15/2020 RBSF			0.00
EUR/USD 06/17/2020 BANKAM			0.00
JPY/USD 08/19/2020 BANKAM			0.00
IOS.FN30.350.12 R USL1M P		01/12/43 CS	0.00
IOS.FN30.400.10 R USL1M P		01/12/41 BC	0.00
0.5884 R ISWP US0003M P		05/12/2030	0.00
SWPTN 10YX20Y R 2.8175 USD		03/23/2027 GS	0.00
2.2225 R ISWP FWD US0003M P		06/05/2029	0.00
0.5975 R ISWP US0003M P		05/12/2030	0.00
1.27 R ISWP FWD US0003M P		01/27/2047	0.00
-0.15 R ISWP FWD EUR006M P		06/17/2030	0.00
0.6915 R ISWP US0003M P		04/22/2030	0.00
0.4035 R ISWP US0003M P		05/11/2025	0.00
HKD/USD 08/19/2020 SSBT			0.00
0.4016 R ISWP US0003M P		05/11/2025	0.00
0.401 R ISWP US0003M P		05/11/2025	0.00
0.3998 R ISWP US0003M P		05/11/2025	0.00
INR/USD 08/19/2020 HSBCB			0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

0.399 R ISWP US0003M P 05/11/2025	0.00
0.39637 R ISWP US0003M P 05/11/2025	0.00
0.39537 R ISWP US0003M P 05/11/2025	0.00
GBP/USD 06/17/2020 WPAC	0.00
GBP/USD 06/17/2020 RBSF	0.00
JPY/USD 08/19/2020 GSFX	0.00
HKD/USD 08/19/2020 HSBCB	0.00
0.66726 R ISWP US0003M P 04/24/2030	0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	0.00
EUR/CHF PUT 1.03 20200615 GSFX	0.00
0.664 R ISWP US0003M P 04/24/2030	0.00
JPY/USD 08/19/2020 WPAC	0.00
MLCFC 2006-4 XC IO P/P 144A 00.5523 12/12/2049	0.00
-0.60 R ISWP FWD CHL6M P 06/17/2025	0.00
HKD/USD 08/19/2020 BANKAM	0.00
HKD/USD 08/19/2020 UBS	0.00
0.90 R ISWP FWD AUDBB6M P 06/17/2025	0.00
GBP/USD 06/17/2020 UBS	0.00
GNR 2013-90 HI IO 03.5000 04/20/2040	0.00
USD/CHF PUT 0.94 20200605 GSFX	0.00
HKD/USD 08/19/2020 TDBK	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
JPY/USD 08/19/2020 JPMCB	0.00
1.00 R ISWP FWD CDOR03 P 06/17/2030	0.00
USD/CHF PUT 0.91 20200605 CITI	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
EUR/CHF PUT 1.00 20200615 GSFX	-0.00
-0.30 R ISWP FWD CHL6M P 06/17/2030	-0.00
NZD/USD 07/15/2020 CSI-FX	-0.00
1.275 R ISWP FWD US0003M P 03/07/2050	-0.00
SWPTN 2YX30Y P 2.3075 USD 06/20/2022 BA	-0.00
0.649 R ISWP US0003M P 04/29/2030	-0.00
JPY/USD 08/19/2020 CITI	-0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	-0.00
0.40 R ISWP FWD US0003M P 06/17/2022	-0.00
NZD/USD 07/15/2020 JPMCB	-0.00
USD/JPY PUT 102.00 20200701 BANKAM	-0.00
0.6732 R ISWP US0003M P 05/14/2030	-0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	-0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	-0.00
0.67619 R ISWP US0003M P 04/24/2030	-0.00
0.678 R ISWP US0003M P 04/24/2030	-0.00
CAD/USD 07/15/2020 BCAP-FX	-0.00
JPY/USD 08/19/2020 HSBCB	-0.00
CAD/USD 07/15/2020 CITI	-0.00

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

CAD/USD 07/15/2020 WPAC	-0.00
NZD/USD 07/15/2020 HSBCB	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.00
0.962 R ISWP US0003M P 05/21/2050	-0.00
SWPTN 2YX30Y R 2.3075 USD 06/20/2022 BA	-0.00
CHF/USD 06/17/2020 CITI	-0.00
JPY/USD 08/19/2020 BCAP-FX	-0.00
-0.30 R ISWP FWD EUR006M P 06/17/2025	-0.00
0.6814 R ISWP US0003M P 04/20/2030	-0.00
2.184 R ISWP FWD US0003M P 12/07/2030	-0.00
JPY/USD 08/19/2020 UBS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.00
AUD/USD 07/15/2020 JPMCB	-0.00
2.67 R ISWP FWD US0003M P 03/28/2052	-0.00
AUD/USD 07/15/2020 CSI-FX	-0.00
CAD/USD 07/15/2020 CSI-FX	-0.00
EUR/USD 06/17/2020 WPAC	-0.00
CAD/USD 07/15/2020 UBS	-0.00
0.7275 R ISWP US0003M P 04/22/2030	-0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.00
CAD/USD 07/15/2020 TDBK	-0.00
CAD/USD 07/15/2020 JPMCB	-0.00
CAD/USD 07/15/2020 HSBCB	-0.00
SGD/USD 08/19/2020 JPMCB	-0.00
0.90 R ISWP FWD US0003M P 06/17/2050	-0.00
SWPTN 5YX30Y P 2.8325 USD 02/15/2022 JP	-0.00
0.895 R ISWP US0003M P 04/22/2030	-0.00
0.353 R ISWP FWD US0003M P 08/17/2025	-0.01
EUR/USD 06/17/2020 GSFY	-0.01
EUR/USD 06/17/2020 CITI	-0.01
EUR/GBP CALL 0.95 20200818 BANKAM	-0.01
EUR/GBP CALL 0.94 20200803 UBS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CHF/USD 06/17/2020 JPMCB	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
NZD/USD 07/15/2020 GSFY	-0.01
EUR/USD 06/17/2020 TDBK	-0.01
USD/JPY PUT 100.00 20201124 BANKAM	-0.01
USD/JPY PUT 100.00 20201124 GSFY	-0.01
0.553 R ISWP US0003M P 04/16/2025	-0.01
NZD/USD 07/15/2020 CITI	-0.01

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

EUR/USD 06/17/2020 RBSF	-0.01
EUR/USD 06/17/2020 CSI-FX	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 BC	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
0.40 R ISWP FWD SONIA P 06/17/2030	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
1.10 R ISWP FWD NFIX3MID P 06/17/2030	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
EUR/USD 06/17/2020 BCAP-FX	-0.01
CAD/USD 07/15/2020 BANKAM	-0.01
IOS.FN30.300.13 P USL1M R 01/12/44 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BC	-0.01
IOS.FN30.400.14 P USL1M R 01/12/45 JP	-0.01
1.30 R ISWP FWD NOKOIB6M P 06/17/2030	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
IOS.FN30.400.10 P USL1M R 01/12/41 CS	-0.01
EUR/USD 06/17/2020 HSBCB	-0.01
AUD/USD 07/15/2020 SSBT	-0.02
EUR/USD 06/17/2020 JPMCB	-0.02
EUR/USD 06/17/2020 UBS	-0.02
0.90 R ISWP FWD NFIX3MID P 06/17/2025	-0.02
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
AUD/USD 07/15/2020 UBS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
SWPTN 3MX5Y R 0.353 USD 08/13/2020 BC	-0.02
CAD/USD 07/15/2020 SSBT	-0.02
CDX CDX.NA.HY.34 500.0 06/20/2025	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
1.20 R ISWP FWD NOKOIB6M P 06/17/2025	-0.03
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.03
IOS.FN30.400.14 P US0001M R 01/12/45 JP	-0.03
EBIX US P R 07/05/22 CI	-0.04
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.04

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.04
EUR/USD 06/17/2020 SSBT	-0.04
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.04
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.05
CTB US P R 07/05/22 CI	-0.05
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.06
NOK/USD 06/17/2020 GSFY	-0.08
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.08
RU10INTR P US0003M R 11/25/20 CI	-0.08
TGI US P R 07/05/22 CI	-0.09
ACIW US P R 07/05/22 CI	-0.09
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.09
EPC US P US0001M R 07/05/22 CI	-0.09
BGS US P R 07/05/22 CI	-0.10
0.65 R ISWP FWD US0003M P 06/17/2025	-0.12
BRKR US P US0001M R 07/05/22 CI	-0.12
STL US P US0001M R 07/05/22 CI	-0.13
PBH US P US0001M R 07/05/22 CI	-0.14
HBI US P R 07/05/22 CI	-0.16
QLYS US P US0001M R 07/05/22 CI	-0.18
ORA US P US0001M R 12/15/25 GS	-0.18
OTEX US P US0001M R 12/15/25 GS	-0.19
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.20
JBL US P US0001M R 07/05/22 CI	-0.20
PS US P US0001M R 07/05/22 CI	-0.20
BWXT US P US0001M R 07/05/22 CI	-0.21
AGCO US P US0001M R 12/15/25 GS	-0.23
OSK US P US0001M R 07/05/22 CI	-0.24
CMR US P US0001M R 07/05/22 CI	-0.24
PKI US P US0001M R 07/05/22 CI	-0.25
ENR US P R 07/05/22 CI	-0.27
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.27
SKX US P US0001M R 07/05/22 CI	-0.29
ICLR US P R 07/05/22 CI	-0.30
PWR US P US0001M R 07/05/22 CI	-0.34
AAXN US P US0001M R 07/05/22 CI	-0.40
GWRE US P US0001M R 07/05/22 CI	-0.46
RL US P US0001M R 07/05/22 CI	-0.48
BHC US P R 07/05/22 CI	-0.49
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.56
NDUEEGF P US0001M R 12/14/20 GS	-0.57
IQV US P R 07/05/22 CI	-0.64
ELAN US P US0001M R 07/05/22 CI	-0.64
FSLR US P US0001M R 07/05/22 CI	-0.65
DPZ US P US0001M R 07/05/22 CI	-0.84

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of August 31, 2020

TSLA US P R 07/05/22 CI	-0.90
EVBG US P US0001M R 07/05/22 CI	-0.98
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-1.08
STX US P US0001M R 12/15/25 GS	-1.12
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-1.13
AMD US P US0001M R 07/05/22 CI	-1.18
ILMN US P US0001M R 07/05/22 CI	-1.20
NDUEEGF P US0003M R 09/18/20 CI	-1.35
RH US P US0001M R 07/05/22 CI	-1.42
CTXS US P US0001M R 07/05/22 CI	-1.55
NDUEEGF P US0003M R 03/19/21 CI	-2.96
NDUEEGF P US0001M R 08/20/20 UB	-7.70
NDUEEGF P US0001M R 02/12/21 CS	-14.50
S&P500 EMINI FUT JUN20 ESM0	-19.41
US 2YR NOTE (CBT) SEP20 TUU0	-21.60
RU10INTR P US0003M R 11/25/20 CI	-22.79
GSGLPW2S P US0001M R 12/15/25 GS	-28.52
SPTR P US0001M R 05/22/23 UB	-37.82
GSGLPWDS P US0001M R 12/15/25 GS	-38.01
RU10INTR P US0003M R 06/20/23 BA	-39.88