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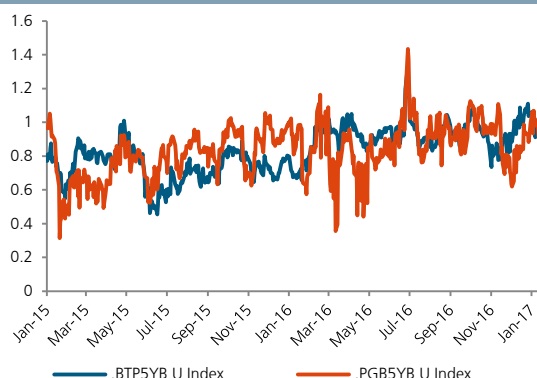
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Govies RV

Italian market overview

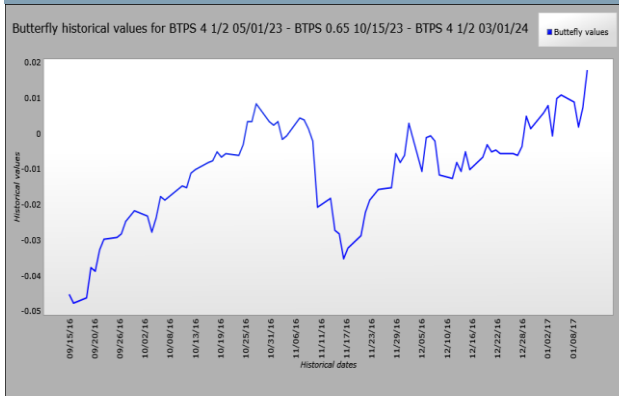
Bonds to be tapped today have cheapened towards surroundings: as a relative value play, we like a long in Oct23 versus shorting both Aug23 and Mar24 (fly in fig.2) due to levels and latest market preference for low coupon, not priced in the fly. The 7y sector is trading relatively rich versus 5y and 10y, but nothing to trade on. We reiterate [our 105y flattening view](#). Given the [Italian government's decree on bank guarantees](#), we would expect some competitive issuance on the short end of the Btp curve, which could help cheapening a rich sector. Another way to express the trade with positive carry is to sell the CDS basis in the 5y maturity (Fig.1).

Fig1. Sell the CDS basis stop 1.10 target 0.8 trading 1.00. In chart Btp and Pgb bond CDS basis



Source: Bloomberg, BANCA IMI calculations

Fig2. Possible fly to play 7y area's cheapness and eventual supply on 15y bucket

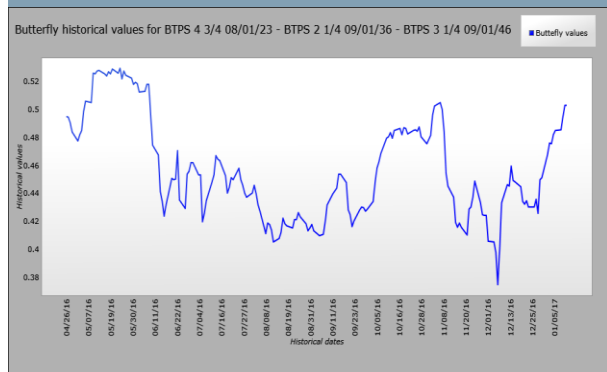


Source: Bloomberg, BANCA IMI calculations

The 3y bond has also seen some cheapening into the tap (mainly versus Apr19 and Sep20 fly) but we also like the bond versus 2021-2022 to play the auction cycle and some short end steepening.

The 20y bond has not cheapened much versus surrounding, and it is currently implying some premium for latest market preference for low coupon: the only segment toward which it looks cheap is the 6y-20y-30y fly in Fig.3, but we do not have strong view on the trade.

Fig3. 2036 not generally cheap on the curve



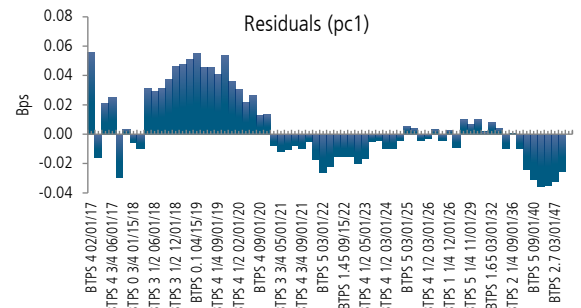
Source: Bloomberg, BANCA IMI calculations

Yield curve principal component analysis

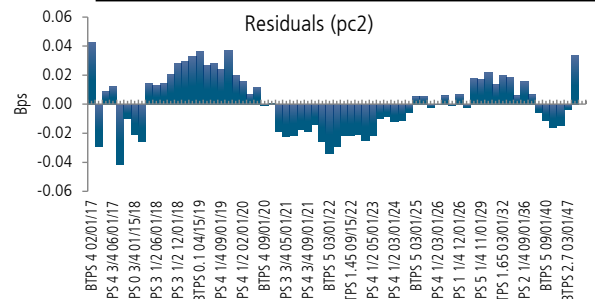
Bond Name	Res1	Res2	Res3	Zeta1	Zeta2	Zeta3
BTPS 4 02/01/17	0.06	0.04	0.04	1.22	1.08	0.92
BTPS 4 3/4 05/01/17	-0.02	-0.03	-0.03	-0.29	-0.66	-1.16
BTPS 1.15 05/15/17	0.02	0.01	0.00	0.77	0.54	0.22
BTPS 4 3/4 06/01/17	0.02	0.01	0.01	0.88	0.67	0.36
BTPS 5 1/4 08/01/17	-0.03	-0.04	-0.05	-0.74	-1.20	-1.73
BTPS 3 1/2 11/01/17	0.00	-0.01	-0.01	0.29	-0.05	-0.49
BTPS 0 3/4 01/15/18	-0.01	-0.02	-0.02	-0.05	-0.68	-1.39
BTPS 4 1/2 02/01/18	-0.01	-0.03	-0.03	-0.17	-0.87	-1.72
BTPS 0 1/4 05/15/18	0.03	0.01	0.01	1.08	0.99	0.70
BTPS 3 1/2 06/01/18	0.03	0.01	0.01	1.04	0.94	0.69
BTPS 4 1/2 08/01/18	0.03	0.01	0.01	1.04	0.92	0.72
BTPS 0.3 10/15/18	0.04	0.02	0.02	1.23	1.27	1.43
BTPS 3 1/2 12/01/18	0.05	0.03	0.02	1.38	1.48	1.79
BTPS 4 1/4 02/01/19	0.05	0.03	0.03	1.36	1.49	1.73
BTPS 4 1/2 03/01/19	0.05	0.03	0.03	1.50	1.74	2.40
BTPS 0.1 04/15/19	0.05	0.04	0.03	1.45	1.66	1.74
BTPS 2 1/2 05/01/19	0.05	0.03	0.02	1.33	1.49	1.88
BTPS 1 1/2 08/01/19	0.05	0.03	0.02	1.44	1.66	2.34
BTPS 4 1/4 09/01/19	0.04	0.02	0.02	1.34	1.50	2.00
BTPS 0.05 10/15/19	0.05	0.04	0.03	1.63	2.01	2.19
BTPS 1.05 12/01/19	0.04	0.02	0.02	1.20	1.30	1.53
BTPS 4 1/2 02/01/20	0.03	0.02	0.01	1.09	1.18	1.33
BTPS 4 1/4 03/01/20	0.02	0.01	0.00	0.80	0.61	0.36
BTPS 0.7 05/01/20	0.03	0.01	0.01	1.02	0.99	0.96
BTPS 4 09/01/20	0.01	0.00	0.00	0.53	0.09	-0.26
BTPS 0.65 11/01/20	0.01	0.00	0.00	0.60	0.21	-0.16
BTPS 3 3/4 03/01/21	-0.01	-0.02	-0.02	-0.31	-1.35	-2.08
BTPS 3 3/4 05/01/21	-0.01	-0.02	-0.02	-0.57	-1.79	-2.38
BTPS 0.45 06/01/21	-0.01	-0.02	-0.02	-0.43	-1.42	-1.76
BTPS 3 3/4 08/01/21	-0.01	-0.02	-0.02	-0.44	-1.48	-1.81
BTPS 4 3/4 09/01/21	-0.01	-0.02	-0.02	-0.56	-1.64	-2.01
BTPS 0.35 11/01/21	0.00	-0.01	-0.02	-0.24	-1.11	-1.41
BTPS 2.15 12/15/21	-0.02	-0.03	-0.03	-1.04	-2.33	-2.54
BTPS 5 03/01/22	-0.03	-0.03	-0.03	-1.46	-2.68	-2.80
BTPS 1.35 04/15/22	-0.02	-0.03	-0.03	-1.28	-2.23	-2.31
BTPS 5 1/2 09/01/22	-0.02	-0.02	-0.02	-0.98	-1.80	-1.75
BTPS 1.45 09/15/22	-0.02	-0.02	-0.02	-0.98	-1.71	-1.69
BTPS 5 1/2 11/01/22	-0.02	-0.02	-0.02	-0.99	-1.73	-1.67
BTPS 0.95 03/15/23	-0.02	-0.02	-0.02	-1.30	-1.84	-1.75
BTPS 4 1/2 05/01/23	-0.02	-0.02	-0.02	-1.21	-1.77	-1.66
BTPS 4 3/4 08/01/23	0.00	-0.01	-0.01	-0.47	-0.91	-0.71
BTPS 0.65 10/15/23	0.00	-0.01	-0.01	-0.47	-0.94	-0.72
BTPS 4 1/2 03/01/24	-0.01	-0.01	-0.01	-0.72	-0.91	-0.72
BTPS 3 3/4 09/01/24	-0.01	-0.01	-0.01	-0.76	-0.90	-0.63
BTPS 2 1/2 12/01/24	0.00	-0.01	0.00	-0.36	-0.52	-0.12
BTPS 5 03/01/25	0.01	0.01	0.01	0.29	0.23	0.70
BTPS 1 1/2 06/01/25	0.00	0.01	0.01	0.14	0.18	0.66
BTPS 2 12/01/25	0.00	0.00	0.00	-0.37	-0.28	0.03
BTPS 4 1/2 03/01/26	0.00	0.00	0.00	-0.29	-0.18	0.15
BTPS 1.6 06/01/26	0.00	0.01	0.01	0.07	0.16	0.60
BTPS 7 1/4 11/01/26	0.00	0.00	0.00	-0.31	-0.20	0.24
BTPS 1 1/4 12/01/26	0.00	0.01	0.01	0.04	0.16	0.63
BTPS 6 1/2 11/01/27	-0.01	0.00	0.00	-0.48	-0.30	0.22
BTPS 4 3/4 09/01/28	0.01	0.02	0.02	0.31	0.70	1.78
BTPS 5 1/4 11/01/29	0.01	0.02	0.02	0.16	0.65	1.89
BTPS 3 1/2 03/01/30	0.01	0.02	0.03	0.27	0.86	2.59
BTPS 6 05/01/31	0.00	0.01	0.02	0.00	0.52	1.83
BTPS 1.65 03/01/32	0.01	0.02	0.02	0.19	0.62	1.31
BTPS 5 3/4 02/01/33	0.00	0.02	0.02	0.03	0.68	1.95
BTPS 5 08/01/34	-0.01	0.01	0.01	-0.35	0.06	0.83
BTPS 2 1/4 09/01/36	0.00	0.02	0.02	-0.03	0.43	0.87
BTPS 4 02/01/37	-0.01	0.01	0.01	-0.34	0.10	0.77
BTPS 5 08/01/39	-0.02	-0.01	0.00	-0.68	-0.43	-0.04
BTPS 5 09/01/40	-0.03	-0.01	-0.01	-0.82	-0.65	-0.45
BTPS 4 3/4 09/01/44	-0.04	-0.02	-0.01	-0.92	-0.81	-0.64
BTPS 3 1/4 09/01/46	-0.04	-0.01	-0.01	-0.87	-0.79	-0.59
BTPS 2.7 03/01/47	-0.03	0.00	0.00	-0.88	-0.47	-0.52
BTPS 2.8 03/01/67	-0.03	0.03	0.00	0.13	0.65	0.04

Table1 Pca analysis' residuals and residuals' zeta score in rolling pcas (300 observations). (Bloomberg data, Banca IMI calculations).

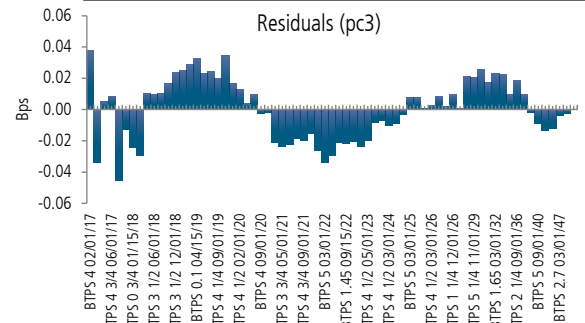
Pca residuals using the first principal component only. (Bloomberg data, Banca IMI calculations)



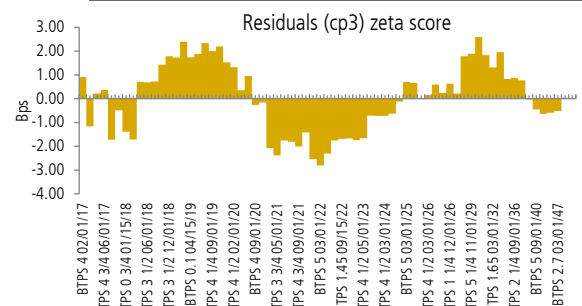
Pca residuals using the first two principal components only. (Bloomberg data, Banca IMI calculations)



Pca residuals using the first three principal components only. (Bloomberg data, Banca IMI calculations)



Zeta score of rolling pcas (300 observations) residuals using the first three principal components. (Bloomberg data, Banca IMI calculations)

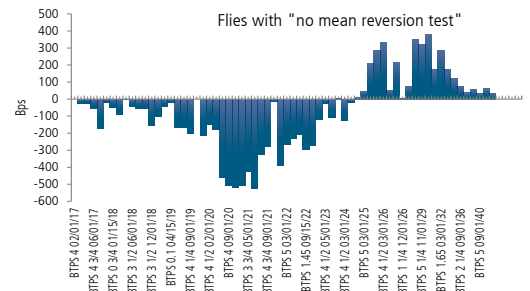


Cash butterflies

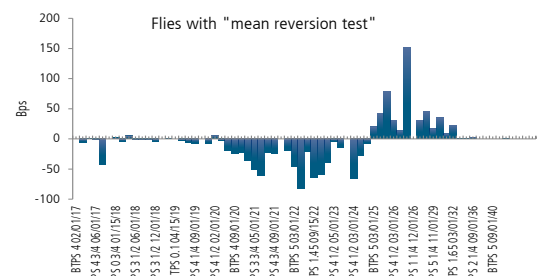
Bond Name	Rich	Cheap	Index	Rich	Cheap	Index_test
BTPS 4 02/01/17	0	0	0	0	0	0
BTPS 4 3/4 05/01/17	25	0	-25	6	0	-6
BTPS 1.15 05/15/17	24	1	-23	0	1	1
BTPS 4 3/4 06/01/17	57	0	-57	1	0	-1
BTPS 5 1/4 08/01/17	170	0	-170	43	0	-43
BTPS 3 1/2 11/01/17	20	0	-20	0	0	0
BTPS 0 3/4 01/15/18	51	2	-49	0	2	2
BTPS 4 1/2 02/01/18	89	0	-89	4	0	-4
BTPS 0 1/4 05/15/18	14	9	-5	0	5	5
BTPS 3 1/2 06/01/18	43	0	-43	1	0	-1
BTPS 4 1/2 08/01/18	54	0	-54	1	0	-1
BTPS 0.3 10/15/18	58	0	-58	1	0	-1
BTPS 3 1/2 12/01/18	154	0	-154	4	0	-4
BTPS 4 1/4 02/01/19	101	0	-101	0	0	0
BTPS 4 1/2 03/01/19	46	4	-42	1	2	1
BTPS 0.1 04/15/19	20	0	-20	0	0	0
BTPS 2 1/2 05/01/19	168	0	-168	3	0	-3
BTPS 1 1/2 08/01/19	170	3	-167	9	3	-6
BTPS 4 1/4 09/01/19	207	5	-202	13	5	-8
BTPS 0.05 10/15/19	0	0	0	0	0	0
BTPS 1.05 12/01/19	216	3	-213	10	3	-7
BTPS 4 1/2 02/01/20	177	31	-146	3	9	6
BTPS 4 1/4 03/01/20	209	28	-181	5	2	-3
BTPS 0.7 05/01/20	462	0	-462	19	0	-19
BTPS 4 09/01/20	507	0	-507	25	0	-25
BTPS 0.65 11/01/20	517	0	-517	22	0	-22
BTPS 3 3/4 03/01/21	510	0	-510	36	0	-36
BTPS 3 3/4 05/01/21	426	1	-425	50	0	-50
BTPS 0.45 06/01/21	524	0	-524	60	0	-60
BTPS 3 3/4 08/01/21	328	0	-328	23	0	-23
BTPS 4 3/4 09/01/21	280	5	-275	27	2	-25
BTPS 0.35 11/01/21	16	0	-16	0	0	0
BTPS 2.15 12/15/21	389	0	-389	20	0	-20
BTPS 5 03/01/22	273	9	-264	45	0	-45
BTPS 1.35 04/15/22	239	5	-234	82	0	-82
BTPS 5 1/2 09/01/22	215	8	-207	23	2	-21
BTPS 1.45 09/15/22	298	1	-297	64	0	-64
BTPS 5 1/2 11/01/22	272	0	-272	59	0	-59
BTPS 0.95 03/15/23	119	0	-119	39	0	-39
BTPS 4 1/2 05/01/23	48	23	-25	4	0	-4
BTPS 4 3/4 08/01/23	111	4	-107	14	0	-14
BTPS 0.65 10/15/23	0	5	5	0	0	0
BTPS 4 1/2 03/01/24	128	3	-125	65	0	-65
BTPS 3 3/4 09/01/24	45	26	-19	32	4	-28
BTPS 2 1/2 12/01/24	24	36	12	12	4	-8
BTPS 5 03/01/25	11	58	47	6	26	20
BTPS 1 1/2 06/01/25	0	209	209	0	43	43
BTPS 2 12/01/25	0	284	284	0	79	79
BTPS 4 1/2 03/01/26	0	330	330	0	31	31
BTPS 1.6 06/01/26	0	51	51	0	14	14
BTPS 7 1/4 11/01/26	8	225	217	1	153	152
BTPS 1 1/4 12/01/26	0	1	1	0	0	0
BTPS 6 1/2 11/01/27	21	96	75	7	38	31
BTPS 4 3/4 09/01/28	0	351	351	0	46	46
BTPS 5 1/4 11/01/29	0	318	318	0	17	17
BTPS 3 1/2 03/01/30	0	379	379	0	35	35
BTPS 6 05/01/31	0	171	171	0	9	9
BTPS 1.65 03/01/32	0	288	288	0	23	23
BTPS 5 3/4 02/01/33	0	175	175	0	1	1
BTPS 5 08/01/34	4	123	119	1	2	1
BTPS 2 1/4 09/01/36	0	73	73	0	3	3
BTPS 4 02/01/37	3	40	37	0	0	0
BTPS 5 08/01/39	0	56	56	0	0	0
BTPS 5 09/01/40	0	32	32	0	0	0
BTPS 4 3/4 09/01/44	0	61	61	0	0	0
BTPS 3 1/4 09/01/46	0	33	33	0	1	1
BTPS 2.7 03/01/47	0	0	0	0	0	0
BTPS 2.8 03/01/67	0	0	0	0	0	0

Table2. Imi index: difference of the number of rich and cheap fly centered on each bond (300 observation, zeta score >2 cheap, zeta score<-2 rich). (Bloomberg data, Banca IMI calculations)

Number of flies rich (zeta score <-2) or cheap (zeta score>2) on each bond without testing for mean reversion of the series (butterfly)



Number of flies rich (zeta score <-2) or cheap (zeta score>2) on each bond which are statistically mean reverting

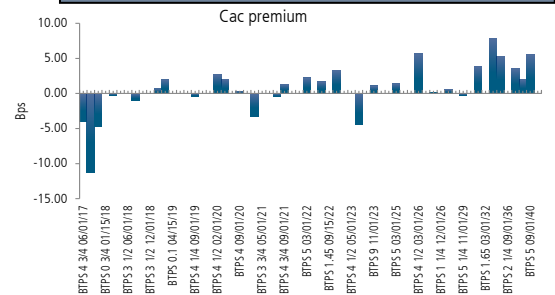


Cac premium

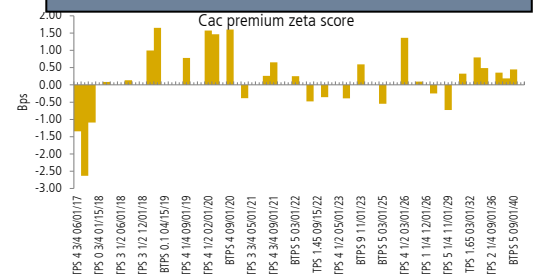
Bond Name	Last premium	Average	Min	Max	Std Dev	Zeta
BTPS 4 3/4 06/01/17	-3.93	0.97	-16.93	11.45	3.65	-1.34
BTPS 5 1/4 08/01/17	-11.24	-1.65	-38.37	7.30	3.65	-2.63
BTPS 3 1/2 11/01/17	-4.70	-1.64	-40.32	5.54	2.82	-1.09
BTPS 0 3/4 01/15/18	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 1/2 02/01/18	-0.30	-0.46	-32.91	3.39	1.85	0.08
BTPS 0 1/4 05/15/18	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 3 1/2 06/01/18	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 1/2 08/01/18	-1.07	-1.26	-5.16	1.59	1.43	0.13
BTPS 0 3 10/15/18	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 3 1/2 12/01/18	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 1/4 02/01/19	0.73	-0.87	-4.78	3.24	1.61	0.99
BTPS 4 1/2 03/01/19	1.99	-1.74	-8.08	5.59	2.26	1.65
BTPS 0 1 04/15/19	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 2 1/2 05/01/19	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 1 1/2 08/01/19	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 1/4 09/01/19	-0.39	-2.12	-10.53	2.08	2.22	0.78
BTPS 0.05 10/15/19	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 1.05 12/01/19	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 1/2 02/01/20	2.71	-1.80	-10.26	7.95	2.87	1.57
BTPS 4 1/4 03/01/20	2.05	-2.14	-9.86	7.11	2.86	1.47
BTPS 0.7 05/01/20	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 09/01/20	0.31	-4.07	-15.21	1.98	2.74	1.60
BTPS 0.65 11/01/20	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 3 3/4 03/01/21	-3.24	-2.51	-15.16	1.03	1.90	-0.38
BTPS 3 3/4 05/01/21	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 0.45 06/01/21	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 3 3/4 08/01/21	-0.46	-1.19	-19.87	3.32	2.84	0.26
BTPS 4 3/4 09/01/21	1.31	-0.04	-11.46	4.09	2.09	0.65
BTPS 0.35 11/01/21	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 2.15 12/15/21	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 5 03/01/22	2.20	1.59	-14.22	9.06	2.44	0.25
BTPS 1.35 04/15/22	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 5 1/2 09/01/22	1.69	2.78	-6.25	11.38	2.29	-0.48
BTPS 1.45 09/15/22	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 5 1/2 11/01/22	3.33	4.01	-3.13	10.56	1.94	-0.35
BTPS 0.95 03/15/23	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 1/2 05/01/23	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 3/4 08/01/23	-4.42	-3.00	-14.78	26.62	3.64	-0.39
BTPS 0.65 10/15/23	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 9 11/01/23	1.10	-1.48	-12.26	12.11	4.33	0.60
BTPS 3 3/4 09/01/24	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 2 1/2 12/01/24	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 5 03/01/25	1.41	2.84	-7.54	11.75	2.62	-0.55
BTPS 1 1/2 06/01/25	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 2 12/01/25	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 1/2 03/01/26	5.64	-0.07	-13.88	7.79	4.19	1.36
BTPS 1.6 06/01/26	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 7 1/4 11/01/26	0.10	-0.24	-8.27	11.37	3.61	0.09
BTPS 1 1/4 12/01/26	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 6 1/2 11/01/27	0.62	1.53	-5.84	10.69	3.68	-0.25
BTPS 4 3/4 09/01/28	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 5 1/4 11/01/29	-0.31	1.50	-3.86	18.38	2.48	-0.73
BTPS 3 1/2 03/01/30	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 6 05/01/31	3.86	2.00	-7.88	20.42	5.73	0.32
BTPS 1.65 03/01/32	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 5 3/4 02/01/33	7.88	2.04	-11.47	22.76	7.36	0.79
BTPS 5 08/01/34	5.29	2.13	-10.82	17.89	6.52	0.49
BTPS 2 1/4 09/01/36	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 4 02/01/37	3.59	-0.24	-22.68	16.54	10.82	0.35
BTPS 5 08/01/39	2.01	1.15	-8.53	12.27	4.62	0.19
BTPS 5 09/01/40	5.54	3.87	-4.83	11.76	3.75	0.45
BTPS 4 3/4 09/01/44	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 3 1/4 09/01/46	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 2.7 03/01/47	0.00	0.00	0.00	0.00	0.00	Cac
BTPS 2.8 03/01/67	0.00	0.00	0.00	0.00	0.00	Cac

Table3. Premium (in basis points) of non-Cac issues priced on a Cac-only curve. (Bloomberg data, Banca IMI calculations).

Premium (in basis points) of non-Cac issues priced on a Cac-only curve. (Bloomberg data, Banca IMI calculations).



Zeta score of Cac premium, where zeta is defined by (last- average)/standard deviation, Jun 13 onwards (Bloomberg data, Banca IMI calculations)



Summary

Bond Name	PCA yield	PCA asw	Yield test	ASW test	BY vs level	CAC	Average
BTPS 4 02/01/17	0.92	0.87	-0.60	0.49	0.40	0.00	0.35
BTPS 4 3/4 05/01/17	-1.16	-1.75	-0.70	0.49	0.40	0.00	-0.45
BTPS 1.15 05/15/17	0.22	-0.02	-0.58	0.51	0.41	0.00	0.09
BTPS 4 3/4 06/01/17	0.36	-0.18	-0.62	0.51	0.42	-1.62	-0.19
BTPS 5 1/4 08/01/17	-1.73	-1.57	-1.33	0.29	0.33	-2.96	-1.16
BTPS 3 1/2 11/01/17	-0.49	-0.66	-0.60	0.49	0.40	-1.45	-0.38
BTPS 0 3/4 01/15/18	-1.39	-0.52	-0.56	0.40	-0.50	0.00	-0.43
BTPS 4 1/2 02/01/18	-1.72	-0.88	-0.67	0.10	-0.78	0.38	-0.59
BTPS 0 1/4 05/15/18	0.70	1.39	-0.51	0.54	0.20	0.00	0.39
BTPS 3 1/2 06/01/18	0.69	1.02	-0.62	0.27	-0.30	0.00	0.18
BTPS 4 1/2 08/01/18	0.72	1.24	-0.62	0.37	0.06	-0.15	0.27
BTPS 0.3 10/15/18	1.43	1.76	-0.62	0.28	-0.59	0.00	0.38
BTPS 3 1/2 12/01/18	1.79	2.31	-0.67	0.08	-0.50	0.00	0.50
BTPS 4 1/4 02/01/19	1.73	2.12	-0.60	0.49	-0.14	1.11	0.79
BTPS 4 1/2 03/01/19	2.40	2.56	-0.58	0.53	0.02	1.72	1.11
BTPS 0.1 04/15/19	1.74	2.21	-0.60	0.41	-0.11	0.00	0.61
BTPS 2 1/2 05/01/19	1.88	1.66	-0.65	0.31	-0.67	0.00	0.42
BTPS 1 1/2 08/01/19	2.34	2.48	-0.70	0.59	-0.15	0.00	0.76
BTPS 4 1/4 09/01/19	2.00	1.78	-0.74	0.52	-0.39	0.97	0.69
BTPS 0.05 10/15/19	2.19	2.51	-0.60	0.49	0.56	0.00	0.86
BTPS 1.05 12/01/19	1.53	1.29	-0.72	0.45	-0.09	0.00	0.41
BTPS 4 1/2 02/01/20	1.33	1.10	-0.50	0.57	-0.16	1.61	0.66
BTPS 4 1/4 03/01/20	0.36	0.19	-0.65	0.49	-0.25	1.66	0.30
BTPS 0.7 05/01/20	0.96	0.43	-0.92	0.35	-1.10	0.00	-0.05
BTPS 4 09/01/20	-0.26	-0.58	-1.03	0.02	-1.47	1.61	-0.28
BTPS 0.65 11/01/20	-0.16	-0.61	-0.97	0.19	-1.50	0.00	-0.51
BTPS 3 3/4 03/01/21	-2.08	-2.28	-1.21	0.18	-1.76	-0.13	-1.21
BTPS 3 3/4 05/01/21	-2.38	-2.40	-1.45	-0.31	-1.25	0.00	-1.30
BTPS 0.45 06/01/21	-1.76	-1.27	-1.62	-2.00	-2.00	0.00	-1.44
BTPS 3 3/4 08/01/21	-1.81	-1.60	-0.99	0.27	-1.15	0.50	-0.80
BTPS 4 3/4 09/01/21	-2.01	-2.04	-1.03	0.39	-0.84	0.98	-0.76
BTPS 0.35 11/01/21	-1.41	-0.72	-0.60	-0.17	0.27	0.00	-0.44
BTPS 2.15 12/15/21	-2.54	-2.44	-0.94	-0.06	-1.62	0.00	-1.27
BTPS 5 03/01/22	-2.80	-2.84	-1.37	0.33	-0.93	0.52	-1.18
BTPS 1.35 04/15/22	-2.31	-2.51	-2.00	0.37	-0.58	0.00	-1.17
BTPS 5 1/2 09/01/22	-1.75	-1.66	-0.96	0.54	-0.36	-0.46	-0.78
BTPS 1.45 09/15/22	-1.69	-1.39	-1.69	-0.01	-0.86	0.00	-0.94
BTPS 5 1/2 11/01/22	-1.67	-1.63	-1.61	0.44	-0.98	-0.10	-0.92
BTPS 0.95 03/15/23	-1.75	-0.90	-1.26	0.29	0.01	0.00	-0.60
BTPS 4 1/2 05/01/23	-1.66	-1.61	-0.67	0.51	0.66	0.00	-0.46
BTPS 4 3/4 08/01/23	-0.71	-0.77	-0.84	0.62	0.15	-0.11	-0.28
BTPS 0.65 10/15/23	-0.72	-0.13	-0.60	0.49	0.55	0.00	-0.07
BTPS 4 1/2 03/01/24	-0.72	-1.15	-1.71	0.37	0.07	0.00	-0.52
BTPS 3 3/4 09/01/24	-0.63	-0.95	-1.08	0.59	0.59	0.00	-0.25
BTPS 2 1/2 12/01/24	-0.12	-0.30	-0.74	1.20	0.81	0.00	0.14
BTPS 5 03/01/25	0.70	0.34	-0.26	1.70	0.95	-0.41	0.50
BTPS 1 1/2 06/01/25	0.66	0.35	0.14	0.99	1.18	0.00	0.55
BTPS 2 12/01/25	0.03	-0.02	0.75	0.92	1.23	0.00	0.49
BTPS 4 1/2 03/01/26	0.15	-0.13	-0.07	0.63	0.81	1.49	0.48
BTPS 1.6 06/01/26	0.60	0.88	-0.36	0.85	0.47	0.00	0.41
BTPS 7 1/4 11/01/26	0.24	0.37	2.00	2.00	1.35	0.28	1.04
BTPS 1 1/4 12/01/26	0.63	0.73	-0.60	0.56	0.47	0.00	0.30
BTPS 6 1/2 11/01/27	0.22	-0.02	-0.07	1.36	0.78	-0.06	0.37
BTPS 4 3/4 09/01/28	1.78	1.94	0.19	1.07	1.94	0.00	1.15
BTPS 5 1/4 11/01/29	1.89	2.24	-0.31	0.97	1.87	-0.80	0.98
BTPS 3 1/2 03/01/30	2.59	2.91	0.00	0.83	2.00	0.00	1.39
BTPS 6 05/01/31	1.83	1.27	-0.44	0.82	1.33	0.44	0.87
BTPS 1.65 03/01/32	1.31	1.07	-0.21	0.98	1.60	0.00	0.79
BTPS 5 3/4 02/01/33	1.95	1.63	-0.58	0.51	1.16	0.87	0.92
BTPS 5 08/01/34	0.83	0.48	-0.58	0.51	0.87	0.58	0.45
BTPS 2 1/4 09/01/36	0.87	0.53	-0.55	0.84	0.79	0.00	0.41
BTPS 4 02/01/37	0.77	0.27	-0.60	0.56	0.69	0.44	0.35
BTPS 5 08/01/39	-0.04	-0.05	-0.60	0.49	0.49	0.35	0.11
BTPS 5 09/01/40	-0.45	-0.89	-0.60	0.49	0.50	0.61	-0.05
BTPS 4 3/4 09/01/44	-0.64	-0.79	-0.60	0.55	0.55	0.00	-0.15
BTPS 3 1/4 09/01/46	-0.59	-0.27	-0.58	0.65	0.53	0.00	-0.04
BTPS 2.7 03/01/47	-0.52	-0.88	-0.60	0.49	0.41	0.00	-0.18
BTPS 2.8 03/01/67	0.04	0.27	-0.60	0.49	0.40	0.00	0.10

Table4. Summary of different analysis on the curve: pca analysis on yield (first column) and asset swap (second column) with zeta score of errors using first 3 principal components (weekly data) as fit, index built analyzing yield (third column) and asset swap (fourth column) flies tested for mean reversion, butterflies regressed versus yield level (fifth column) and finally Cac premium (sixth column). All the results are expressed in zeta scores. The last column is simply the average of the six different analysis.

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