

**Table 3: Efficient Portfolio Composition as a Function of  $Real\_BCOM$**

<b>Panel A: Efficient Portfolios Formed without BCOM</b>					
<b>Efficient Portfolios (SP500 and BBOND only)</b>	<b>Port. Std. Dev</b>	<b>Port. Ex. Ret</b>	<b>SP500 % Holding</b>	<b>BBOND % Holding</b>	<b>BCOM % Holding</b>
10–90 (Ultraconservative)	0.0772	0.0728	10.0%	90.0%	0.0%
30–70 (Conservative)	0.1119	0.0824	30.0%	70.0%	0.0%
50–50 (Balanced)	0.1683	0.0920	50.0%	50.0%	0.0%
70–30 (Aggressive)	0.2310	0.1016	70.0%	30.0%	0.0%
<b>Panel B: Real BCOM = 0.849 (derived from Q2 2022) Efficient Portfolios including BCOM</b>					
<b>Efficient Portfolios (SP500 and BBOND only)</b>	<b>Port. Std. Dev</b>	<b>Port. Ex. Ret</b>	<b>SP500 % Holding</b>	<b>BBOND % Holding</b>	<b>BCOM % Holding</b>
10–90 (Ultraconservative)	0.0772	0.0733	11.4%	86.2%	2.3%
30–70 (Conservative)	0.1119	0.0824	30.0%	70.0%	0.0%
50–50 (Balanced)	0.1683	0.0920	50.0%	50.0%	0.0%
70–30 (Aggressive)	0.2310	0.1016	70.0%	30.0%	0.0%
<b>Panel C: Real BCOM = 0.511 (derived from Q1 2020) Efficient Portfolios including BCOM</b>					
<b>Efficient Portfolios (SP500 and BBOND only)</b>	<b>Port. Std. Dev</b>	<b>Port. Ex. Ret</b>	<b>SP500 % Holding</b>	<b>BBOND % Holding</b>	<b>BCOM % Holding</b>
10–90 (Ultraconservative)	0.0772	0.0750	10.2%	82.5%	7.3%
30–70 (Conservative)	0.1119	0.0828	27.3%	66.8%	5.9%
50–50 (Balanced)	0.1683	0.0921	47.7%	48.0%	4.3%
70–30 (Aggressive)	0.2310	0.1016	68.5%	28.8%	2.7%
<b>Panel D: Real BCOM = 0.341 (derived from Q3 1976) Efficient Portfolios including BCOM</b>					
<b>Efficient Portfolios (SP500 and BBOND only)</b>	<b>Port. Std. Dev</b>	<b>Port. Ex. Ret</b>	<b>SP500 % Holding</b>	<b>BBOND % Holding</b>	<b>BCOM % Holding</b>
10–90 (Ultraconservative)	0.0772	0.0766	7.6%	81.8%	10.6%
30–70 (Conservative)	0.1119	0.0847	20.3%	64.8%	14.9%
50–50 (Balanced)	0.1683	0.0944	35.4%	44.5%	20.1%
70–30 (Aggressive)	0.2310	0.1043	50.8%	23.9%	25.3%

Note: All portfolios are formed with the correlation structure of the 2005–2022 period. Expected returns are inferred from the estimated relationship between  $Real\_BCOM$  and  $BCOM_{PRET}$  given in Equation (1).