

Table VII
Cryptocurrency Factor Models

This table reports results on the cryptocurrency factor adjustments of the 10 successful long-short strategies. *CMKT* is the cryptocurrency excess market return, *CSMB* is the cryptocurrency size factor, and *CMOM* is the cryptocurrency momentum factor. *t* – *Statistics* are reported in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels. m.a.e. and $\overline{R^2}$ are the mean absolute pricing error and the average R^2 of the five portfolios, respectively.

| | | Cons | <i>t</i> | CMKT | <i>t</i> | CSMB | <i>t</i> | CMOM | <i>t</i> | R^2 | m.a.e. | $\overline{R^2}$ |
|-----------|-----|-----------|----------|----------|----------|----------|----------|-----------|----------|-------|--------|------------------|
| MCAP | (1) | -0.215*** | (-8.63) | 0.987*** | (47.04) | 0.987*** | (47.04) | | | 0.869 | 0.209 | 0.949 |
| MCAP | (2) | -0.232*** | (-9.85) | 0.976*** | (49.20) | | | 0.976 | (49.20) | 0.883 | 0.201 | 0.951 |
| MCAP | (3) | -0.230*** | (-9.72) | 0.977*** | (49.07) | 0.977*** | (49.07) | -0.094*** | (-0.61) | 0.883 | 0.199 | 0.952 |
| PRC | (1) | -0.113*** | (-3.09) | 0.968*** | (31.36) | 0.968*** | (31.36) | | | 0.745 | 0.187 | 0.937 |
| PRC | (2) | -0.128*** | (-3.41) | 0.960*** | (30.35) | | | 0.960 | (30.35) | 0.732 | 0.200 | 0.938 |
| PRC | (3) | -0.112*** | (-3.04) | 0.969*** | (31.19) | 0.969*** | (31.19) | -0.948*** | (-3.92) | 0.744 | 0.188 | 0.939 |
| MAXDPRC | (1) | -0.114*** | (-3.12) | 0.968*** | (31.39) | 0.968*** | (31.39) | | | 0.745 | 0.188 | 0.938 |
| MAXDPRC | (2) | -0.129*** | (-3.44) | 0.960*** | (30.36) | | | 0.960 | (30.36) | 0.733 | 0.200 | 0.939 |
| MAXDPRC | (3) | -0.113*** | (-3.07) | 0.968*** | (31.21) | 0.968*** | (31.21) | -0.951*** | (-3.94) | 0.744 | 0.189 | 0.940 |
| AGE | (1) | -0.093*** | (-3.81) | 0.975*** | (47.34) | 0.975*** | (47.34) | | | 0.869 | 0.161 | 0.961 |
| AGE | (2) | -0.088*** | (-3.71) | 0.979*** | (49.13) | | | 0.979 | (49.13) | 0.878 | 0.182 | 0.963 |
| AGE | (3) | -0.083*** | (-3.50) | 0.982*** | (49.35) | 0.982*** | (49.35) | -0.304*** | (-1.96) | 0.879 | 0.175 | 0.964 |
| r 1,0 | (1) | 0.054** | (2.15) | 1.034*** | (48.94) | 1.034*** | (48.94) | | | 0.877 | 0.174 | 0.954 |
| r 1,0 | (2) | 0.024 | (1.03) | 1.015*** | (51.20) | | | 1.015 | (51.20) | 0.892 | 0.187 | 0.957 |
| r 1,0 | (3) | 0.037 | (1.64) | 1.023*** | (53.53) | 1.023*** | (53.53) | -0.800*** | (-5.38) | 0.900 | 0.178 | 0.958 |
| r 2,0 | (1) | 0.050** | (2.23) | 1.017*** | (53.90) | 1.017*** | (53.90) | | | 0.896 | 0.158 | 0.962 |
| r 2,0 | (2) | 0.018 | (0.86) | 0.997*** | (56.16) | | | 0.997 | (56.16) | 0.908 | 0.174 | 0.966 |
| r 2,0 | (3) | 0.033* | (1.69) | 1.005*** | (60.55) | 1.005*** | (60.55) | -0.924*** | (-7.16) | 0.920 | 0.164 | 0.967 |
| r 3,0 | (1) | 0.055** | (2.48) | 1.033*** | (55.10) | 1.033*** | (55.10) | | | 0.900 | 0.162 | 0.964 |
| r 3,0 | (2) | 0.028 | (1.30) | 1.016*** | (55.04) | | | 1.016 | (55.04) | 0.903 | 0.176 | 0.966 |
| r 3,0 | (3) | 0.044** | (2.12) | 1.025*** | (58.97) | 1.025*** | (58.97) | -0.921*** | (-6.81) | 0.915 | 0.163 | 0.966 |
| r 4,0 | (1) | 0.030 | (1.41) | 1.028*** | (57.93) | 1.028*** | (57.93) | | | 0.909 | 0.151 | 0.969 |
| r 4,0 | (2) | 0.004 | (0.16) | 1.012*** | (54.74) | | | 1.012 | (54.74) | 0.901 | 0.167 | 0.970 |
| r 4,0 | (3) | 0.021 | (1.06) | 1.022*** | (60.03) | 1.022*** | (60.03) | -1.053*** | (-7.95) | 0.917 | 0.154 | 0.970 |
| r 4,1 | (1) | -0.005 | (-0.29) | 1.009*** | (70.72) | 1.009*** | (70.72) | | | 0.937 | 0.146 | 0.967 |
| r 4,1 | (2) | -0.020 | (-1.07) | 1.001*** | (63.99) | | | 1.001 | (63.99) | 0.924 | 0.163 | 0.967 |
| r 4,1 | (3) | -0.004 | (-0.24) | 1.010*** | (70.57) | 1.010*** | (70.57) | -0.922*** | (-8.29) | 0.937 | 0.146 | 0.967 |
| r 8,0 | (1) | 0.001 | (0.05) | 1.007*** | (53.92) | 1.007*** | (53.92) | | | 0.898 | 0.157 | 0.963 |
| r 8,0 | (2) | -0.023 | (-1.06) | 0.992*** | (55.02) | | | 0.992 | (55.02) | 0.905 | 0.165 | 0.965 |
| r 8,0 | (3) | -0.009 | (-0.42) | 1.000*** | (57.53) | 1.000*** | (57.53) | -0.729*** | (-5.36) | 0.912 | 0.157 | 0.966 |
| r 16,0 | (1) | -0.013 | (-0.87) | 1.004*** | (80.68) | 1.004*** | (80.68) | | | 0.953 | 0.131 | 0.960 |
| r 16,0 | (2) | -0.028* | (-1.75) | 0.996*** | (76.60) | | | 0.996 | (76.60) | 0.948 | 0.138 | 0.960 |
| r 16,0 | (3) | -0.015 | (-1.00) | 1.003*** | (80.89) | 1.003*** | (80.89) | -0.587*** | (-6.03) | 0.953 | 0.130 | 0.961 |
| r 50,0 | (1) | -0.066*** | (-2.69) | 0.982*** | (51.58) | 0.982*** | (51.58) | | | 0.902 | 0.129 | 0.968 |
| r 50,0 | (2) | -0.097*** | (-3.65) | 0.966*** | (46.58) | | | 0.966 | (46.58) | 0.882 | 0.149 | 0.968 |
| r 50,0 | (3) | -0.066*** | (-2.68) | 0.982*** | (51.46) | 0.982*** | (51.46) | -1.117*** | (-7.59) | 0.902 | 0.129 | 0.968 |
| r 100,0 | (1) | -0.112** | (-2.32) | 0.956*** | (28.03) | 0.956*** | (28.03) | | | 0.767 | 0.152 | 0.923 |
| r 100,0 | (2) | -0.131*** | (-2.69) | 0.948*** | (27.33) | | | 0.948 | (27.33) | 0.758 | 0.157 | 0.922 |
| r 100,0 | (3) | -0.103** | (-2.14) | 0.962*** | (28.26) | 0.962*** | (28.26) | -0.890*** | (-3.65) | 0.771 | 0.157 | 0.924 |
| VOL | (1) | -0.117*** | (-3.11) | 0.969*** | (30.51) | 0.969*** | (30.51) | | | 0.734 | 0.194 | 0.936 |
| VOL | (2) | -0.132*** | (-3.42) | 0.960*** | (29.56) | | | 0.960 | (29.56) | 0.722 | 0.206 | 0.937 |
| VOL | (3) | -0.116*** | (-3.06) | 0.969*** | (30.34) | 0.969*** | (30.34) | -0.945*** | (-3.80) | 0.734 | 0.195 | 0.937 |
| PRCVOL | (1) | -0.070*** | (-3.37) | 0.965*** | (55.25) | 0.965*** | (55.25) | | | 0.900 | 0.128 | 0.940 |
| PRCVOL | (2) | -0.065*** | (-3.32) | 0.969*** | (58.39) | | | 0.969 | (58.39) | 0.910 | 0.150 | 0.942 |
| PRCVOL | (3) | -0.060*** | (-3.07) | 0.972*** | (58.79) | 0.972*** | (58.79) | -0.301*** | (-2.34) | 0.912 | 0.141 | 0.943 |
| VOLSCALED | (1) | -0.112*** | (-5.82) | 0.992*** | (61.42) | 0.992*** | (61.42) | | | 0.918 | 0.161 | 0.966 |
| VOLSCALED | (2) | -0.125*** | (-6.67) | 0.984*** | (62.12) | | | 0.984 | (62.12) | 0.922 | 0.162 | 0.968 |
| VOLSCALED | (3) | -0.120*** | (-6.42) | 0.986*** | (62.58) | 0.986*** | (62.58) | -0.297*** | (-2.42) | 0.923 | 0.156 | 0.968 |
| BETA | (1) | -0.082*** | (-3.11) | 0.982*** | (48.31) | 0.982*** | (48.31) | | | 0.891 | 0.160 | 0.956 |
| BETA | (2) | -0.098*** | (-3.72) | 0.973*** | (47.41) | | | 0.973 | (47.41) | 0.887 | 0.167 | 0.956 |
| BETA | (3) | -0.082*** | (-3.14) | 0.982*** | (48.34) | 0.982*** | (48.34) | -0.534*** | (-3.40) | 0.892 | 0.160 | 0.956 |
| BETA2 | (1) | -0.082*** | (-3.11) | 0.982*** | (48.31) | 0.982*** | (48.31) | | | 0.891 | 0.160 | 0.956 |
| BETA2 | (2) | -0.098*** | (-3.72) | 0.973*** | (47.41) | | | 0.973 | (47.41) | 0.887 | 0.167 | 0.956 |
| BETA2 | (3) | -0.082*** | (-3.14) | 0.982*** | (48.34) | 0.982*** | (48.34) | -0.534*** | (-3.40) | 0.892 | 0.160 | 0.956 |
| IDIOVOL | (1) | 0.010 | (0.47) | 0.986*** | (61.33) | 0.986*** | (61.33) | | | 0.929 | 0.128 | 0.948 |
| IDIOVOL | (2) | -0.010 | (-0.45) | 0.976*** | (58.22) | | | 0.976 | (58.22) | 0.922 | 0.145 | 0.949 |
| IDIOVOL | (3) | 0.010 | (0.47) | 0.986*** | (61.22) | 0.986*** | (61.22) | -0.673*** | (-5.40) | 0.929 | 0.128 | 0.949 |
| RETVOL | (1) | 0.068*** | (2.79) | 1.006*** | (49.01) | 1.006*** | (49.01) | | | 0.877 | 0.177 | 0.948 |
| RETVOL | (2) | 0.039* | (1.67) | 0.988*** | (50.49) | | | 0.988 | (50.49) | 0.888 | 0.194 | 0.951 |
| RETVOL | (3) | 0.051** | (2.27) | 0.994*** | (52.59) | 0.994*** | (52.59) | -0.756*** | (-5.13) | 0.896 | 0.186 | 0.951 |
| MAXRET | (1) | 0.076*** | (2.86) | 1.019*** | (45.66) | 1.019*** | (45.66) | | | 0.862 | 0.183 | 0.957 |
| MAXRET | (2) | 0.052** | (2.20) | 1.003*** | (50.83) | | | 1.003 | (50.83) | 0.893 | 0.189 | 0.962 |
| MAXRET | (3) | 0.055** | (2.34) | 1.005*** | (50.87) | 1.005*** | (50.87) | -0.215*** | (-1.40) | 0.893 | 0.186 | 0.962 |
| DELAY | (1) | 0.019 | (0.92) | 0.995*** | (62.22) | 0.995*** | (62.22) | | | 0.931 | 0.132 | 0.943 |
| DELAY | (2) | 0.005 | (0.24) | 0.988*** | (60.82) | | | 0.988 | (60.82) | 0.928 | 0.145 | 0.943 |
| DELAY | (3) | 0.020 | (0.96) | 0.996*** | (62.58) | 0.996*** | (62.58) | -0.513*** | (-4.17) | 0.932 | 0.134 | 0.944 |
| STDPRCVOL | (1) | -0.067*** | (-4.85) | 0.997*** | (85.09) | 0.997*** | (85.09) | | | 0.956 | 0.118 | 0.970 |
| STDPRCVOL | (2) | -0.076*** | (-5.46) | 0.991*** | (84.09) | | | 0.991 | (84.09) | 0.955 | 0.124 | 0.971 |
| STDPRCVOL | (3) | -0.071*** | (-5.15) | 0.994*** | (85.34) | 0.994*** | (85.34) | -0.300*** | (-3.31) | 0.957 | 0.117 | 0.973 |
| DAMIHUDD | (1) | 0.045*** | (3.02) | 0.977*** | (77.00) | 0.977*** | (77.00) | | | 0.946 | 0.125 | 0.952 |
| DAMIHUDD | (2) | 0.040** | (2.55) | 0.974*** | (73.54) | | | 0.974 | (73.54) | 0.941 | 0.142 | 0.953 |
| DAMIHUDD | (3) | 0.050*** | (3.36) | 0.980*** | (78.00) | 0.980*** | (78.00) | -0.623*** | (-6.37) | 0.948 | 0.125 | 0.955 |