## Traveling the Digital Frontier: Exploring the Connectedness of Tourism, Fintech, and Cryptocurrency Markets

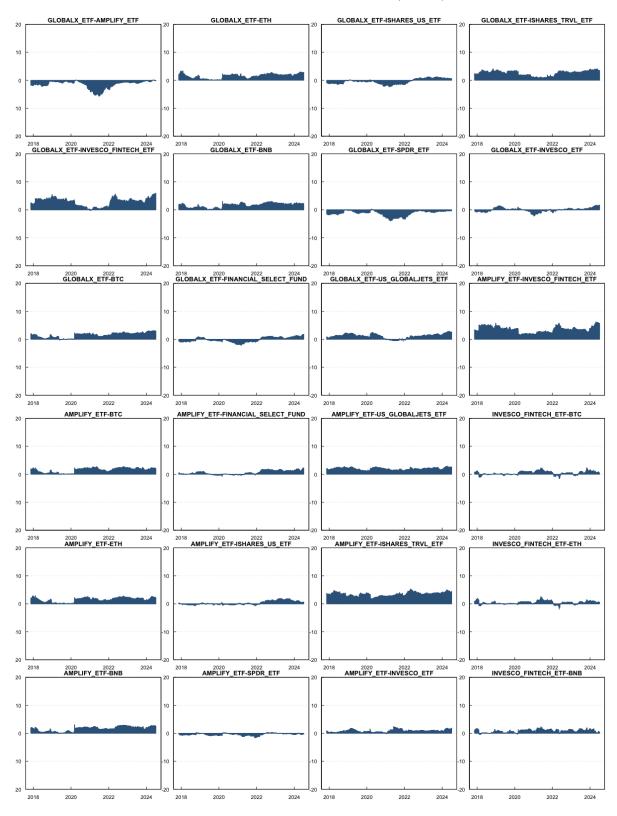
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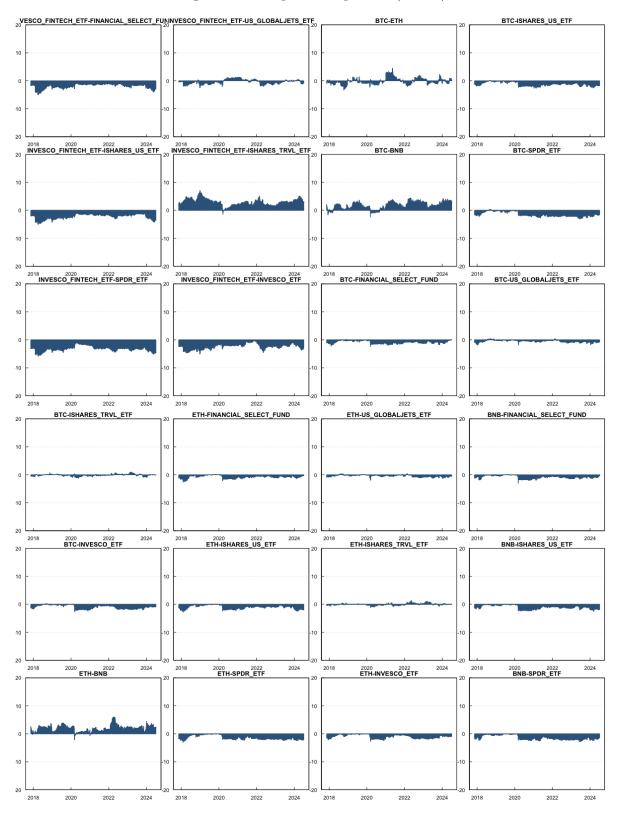
Online Appendix

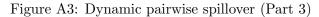
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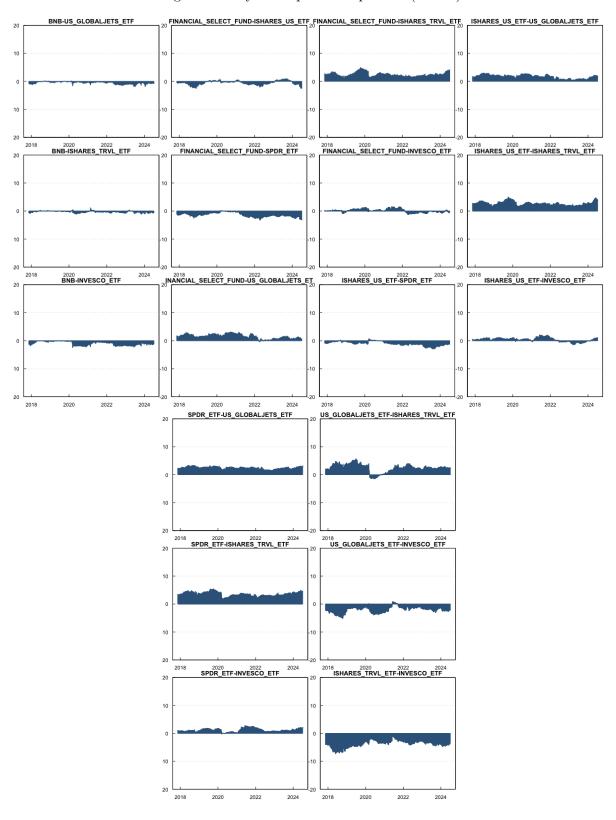


Table A1: Bilateral hedge ratios

Pair	Mean	Std. Dev.	5%	95%	HE	p-value
GLOBALX_ETF - AMPLIFY_ETF	1.061	0.141	0.841	1.265	-0.048	0.516
GLOBALX_ETF - INVESCO_FINTECH_ETF	0.828	0.196	0.495	1.123	0.074*	0.077
$GLOBALX\_ETF - BTC$	0.155	0.149	-0.029	0.442	-3.028***	0.000
GLOBALX_ETF - ETH	0.124	0.126	-0.014	0.360	-5.918***	0.000
GLOBALX_ETF - BNB	0.120	0.114	-0.019	0.326	-6.821***	0.000
GLOBALX_ETF - FINANCIAL_SELECT_FUND	0.849	0.399	0.235	1.461	-0.092	0.821
GLOBALX_ETF - ISHARES_US_ETF	0.881	0.330	0.362	1.394	-0.082	0.894
GLOBALX_ETF - SPDR_ETF	0.946	0.282	0.544	1.380	-0.087	0.630
GLOBALX_ETF - US_GLOBALJETS_ETF	0.543	0.248	0.140	0.943	-0.093	0.906
GLOBALX_ETF - ISHARES_TRVL_ETF	0.542	0.249	0.198	0.966	0.193***	0.000
GLOBALX_ETF - INVESCO_ETF	0.904	0.319	0.344	1.376	-0.085	0.582
AMPLIFY_ETF - GLOBALX_ETF	0.809	0.092	0.677	1.032	-0.050	0.436
AMPLIFY_ETF - INVESCO_FINTECH_ETF	0.754	0.167	0.456	1.009	0.080*	0.076
AMPLIFY_ETF - BTC	0.118	0.122	-0.033	0.336	-4.162***	0.000
AMPLIFY_ETF - ETH	0.095	0.103	-0.012	0.289	-7.861***	0.000
AMPLIFY_ETF - BNB	0.096	0.093	-0.018	0.270	-8.965***	0.000
AMPLIFY_ETF - FINANCIAL_SELECT_FUND	0.849	0.267	0.441	1.278	0.001	0.654
AMPLIFY_ETF - ISHARES_US_ETF	0.840	0.212	0.523	1.197	0.016	0.510
AMPLIFY_ETF - SPDR_ETF	0.870	0.178	0.583	1.164	0.008	0.576
AMPLIFY_ETF - US_GLOBALJETS_ETF	0.512	0.176	0.251	0.820	-0.186	0.146
AMPLIFY_ETF - ISHARES_TRVL_ETF	0.504	0.192	0.225	0.846	0.154***	0.002
AMPLIFY_ETF - INVESCO_ETF	0.835	0.221	0.439	1.155	-0.008	0.831
INVESCO_FINTECH_ETF - GLOBALX_ETF	0.482	0.117	0.296	0.679	-0.209***	0.004
INVESCO_FINTECH_ETF - AMPLIFY_ETF	0.572	0.127	0.373	0.805	-0.050	0.921
INVESCO_FINTECH_ETF - BTC	0.072	0.076	-0.021	0.217	-6.620***	0.000
INVESCO_FINTECH_ETF - ETH	0.060	0.064	-0.013	0.179	-12.072***	0.000
INVESCO_FINTECH_ETF - BNB	0.064	0.063	-0.014	0.183	-13.593***	0.000
INVESCO_FINTECH_ETF - FINANCIAL_SELECT_FUND	0.537	0.201	0.233	0.918	0.048*	0.094
INVESCO_FINTECH_ETF - ISHARES_US_ETF	0.559	0.161	0.308	0.842	0.085*	0.055
INVESCO_FINTECH_ETF - SPDR_ETF	0.588	0.160	0.327	0.860	0.089	0.141
INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF	0.324	0.137	0.155	0.573	-0.684***	0.000
INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF	0.555	0.185	0.264	0.876	-0.047	0.681
INVESCO_FINTECH_ETF - INVESCO_ETF	0.509	0.168	0.218	0.805	-0.076	0.530
BTC - GLOBALX_ETF	0.562	0.613	-0.530	1.275	-0.187**	0.035
BTC - AMPLIFY_ETF	0.586	0.680	-0.499	1.510	-0.307	0.126
BTC - INVESCO_FINTECH_ETF	0.526	0.642	-0.460	1.712	-0.325***	0.001
BTC - ETH	0.662	0.145	0.431	0.911	-0.173**	0.025
BTC - BNB	0.564	0.215	0.217	0.936	-0.322***	0.001
BTC - FINANCIAL_SELECT_FUND	0.463	0.776	-0.797	1.600	-0.357**	0.031
BTC - ISHARES_US_ETF	0.524	0.843	-1.008	1.747	-0.531	0.415
BTC - SPDR_ETF	0.584	0.781	-0.813	1.669	-0.478	0.579
BTC - US_GLOBALJETS_ETF	0.296	0.522	-0.636	1.046	0.210***	0.000
BTC - ISHARES_TRVL_ETF	0.262	0.673	-0.836	1.297	-0.222***	0.000
BTC - INVESCO_ETF	0.379	0.787	-1.225	1.362	-0.326***	0.004
ETH - GLOBALX_ETF	0.768	0.631	-0.277	1.694	-0.368	0.106
ETH - AMPLIFY_ETF	0.781	0.712	-0.308	1.790	-0.438	0.453
ETH - INVESCO_FINTECH_ETF	0.742	0.840	-0.301	2.251	-1.303	0.765
ETH - BTC	1.074	0.236	0.769	1.434	-0.107	0.252
ETH - BNB	0.745	0.258	0.296	1.149	-0.069	0.523
ETH - FINANCIAL_SELECT_FUND	0.662	0.868	-0.662	2.039	-0.463	0.432
ETH - ISHARES_US_ETF	0.725	0.942	-0.774	2.198	-0.682	0.532
ETH - SPDR_ETF	0.790	0.872	-0.674	2.192	-0.703	0.253
ETH - US_GLOBALJETS_ETF	0.349	0.537	-0.564	1.276	0.324***	0.000
ETH - ISHARES_TRVL_ETF	0.426	0.730	-0.705	1.677	-0.173***	0.000
ETH - INVESCO_ETF	0.596	0.847	-0.961	1.838	-0.355*	0.079
BNB - GLOBALX_ETF	0.784	0.906	-0.515	2.086	-2.391*	0.051
BNB - AMPLIFY_ETF	0.824	0.915	-0.560	2.201	-2.226**	0.012
BNB - INVESCO_FINTECH_ETF	0.773	0.859	-0.418	2.570	-3.044*	0.012
BNB - BTC	0.880	0.260	0.428	1.289	0.038	0.612
BNB - ETH	0.705	0.165	0.426	0.967	0.159	0.155
BNB - FINANCIAL_SELECT_FUND	0.636	0.854	-0.978	1.815	-0.817	0.749
22 I III.III.QIIII.QIIII.QII II OND	0.000	0.004	-0.310	1.010	-0.011	0.143

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Table A1: Summary of dynamic optimal bilateral hedge ratios (continued)

Pair	Mean	Std. Dev.	5%	95%	HE	p-value
BNB - ISHARES_US_ETF	0.693	0.913	-1.212	1.929	-1.138	0.225
BNB - SPDR_ETF	0.799	0.955	-0.849	2.380	-1.918***	0.006
BNB - US_GLOBALJETS_ETF	0.328	0.637	-0.875	1.276	-0.018***	0.000
BNB - ISHARES_TRVL_ETF	0.469	0.706	-0.688	1.517	-0.791***	0.000
BNB - INVESCO_ETF	0.554	0.986	-1.102	1.609	-1.981	0.892
FINANCIAL_SELECT_FUND - GLOBALX_ETF	0.453	0.223	0.176	0.964	-0.254***	0.000
FINANCIAL_SELECT_FUND - AMPLIFY_ETF	0.603	0.192	0.357	0.985	-0.057	0.382
FINANCIAL_SELECT_FUND - INVESCO_FINTECH_ETF	0.506	0.198	0.213	0.900	0.043	0.262
FINANCIAL SELECT_FUND - BTC	0.067	0.092	-0.046	0.243	-5.801***	0.000
FINANCIAL SELECT_FUND - ETH	0.056	0.075	-0.029	0.212	-10.539***	0.000
FINANCIAL SELECT FUND - BNB	0.056	0.074	-0.034	0.224	-11.898***	0.000
FINANCIAL_SELECT_FUND - ISHARES_US_ETF FINANCIAL_SELECT_FUND - SPDR_ETF	0.881 0.834	0.129 $0.152$	0.644 $0.589$	1.106 $1.142$	-0.013 -0.043	0.900 $0.647$
FINANCIAL_SELECT_FUND - US_GLOBALJETS_ETF	0.461	0.132	0.389	0.693	-0.393***	0.000
FINANCIAL_SELECT_FUND - ISHARES_TRVL_ETF	0.377	0.142	0.231	0.653	0.043	0.624
FINANCIAL_SELECT_FUND - INVESCO_ETF	0.685	0.241	0.283	1.117	-0.035	0.839
ISHARES_US_ETF - GLOBALX_ETF	0.506	0.180	0.264	0.915	-0.194***	0.004
ISHARES_US_ETF - AMPLIFY_ETF	0.639	0.146	0.447	0.925	-0.023	0.785
ISHARES_US_ETF - INVESCO_FINTECH_ETF	0.563	0.160	0.359	0.875	0.088*	0.066
ISHARES_US_ETF - BTC	0.077	0.092	-0.042	0.246	-5.924***	0.000
ISHARES_US_ETF - ETH	0.064	0.076	-0.031	0.225	-10.837***	0.000
ISHARES_US_ETF - BNB	0.062	0.073	-0.034	0.202	-12.274***	0.000
$ISHARES\_US\_ETF-FINANCIAL\_SELECT\_FUND$	0.941	0.099	0.791	1.135	-0.011	0.927
ISHARES_US_ETF - SPDR_ETF	0.891	0.090	0.780	1.051	-0.012	0.941
ISHARES_US_ETF - US_GLOBALJETS_ETF	0.451	0.122	0.269	0.651	-0.421***	0.000
$ISHARES\_US\_ETF-ISHARES\_TRVL\_ETF$	0.386	0.125	0.211	0.617	0.064	0.268
ISHARES_US_ETF - INVESCO_ETF	0.699	0.195	0.351	1.061	-0.018	0.862
$SPDR\_ETF - GLOBALX\_ETF$	0.580	0.148	0.337	0.866	-0.151**	0.043
SPDR_ETF - AMPLIFY_ETF	0.705	0.136	0.482	0.926	-0.022	0.957
SPDR_ETF - INVESCO_FINTECH_ETF	0.621	0.144	0.406	0.897	0.123**	0.015
SPDR_ETF - BTC	0.094	0.103	-0.043	0.288	-5.848***	0.000
SPDR_ETF - ETH	0.077	0.082	-0.025	0.242	-10.718***	0.000
SPDR_ETF - BNB	0.075	0.077	-0.029	0.220	-12.182***	0.000
SPDR_ETF - FINANCIAL_SELECT_FUND	0.946	0.151	0.707	1.175	-0.038	0.767
SPDR_ETF - ISHARES_US_ETF SPDR_ETF - US_GLOBALJETS_ETF	0.945	0.103	0.763	1.093	-0.014	0.949
SPDR_ETF - US_GLOBALJETS_ETF SPDR_ETF - ISHARES_TRVL_ETF	0.499 $0.438$	0.149 0.148	0.297 $0.243$	0.759 $0.694$	-0.433*** 0.066*	0.000 0.095
SPDR_ETF - INVESCO_ETF	0.777	0.226	0.243	1.160	-0.062	0.781
US_GLOBALJETS_ETF - GLOBALX_ETF	0.612	0.234	0.261	1.116	0.016	0.333
US_GLOBALJETS_ETF - AMPLIFY_ETF	0.795	0.262	0.468	1.363	-0.042	0.680
US_GLOBALJETS_ETF - INVESCO_FINTECH_ETF	0.674	0.303	0.318	1.361	-0.065*	0.083
US_GLOBALJETS_ETF - BTC	0.105	0.121	-0.053	0.339	-1.961***	0.000
$US\_GLOBALJETS\_ETF - ETH$	0.083	0.107	-0.037	0.288	-4.072***	0.000
US_GLOBALJETS_ETF - BNB	0.078	0.097	-0.042	0.263	-4.740***	0.000
${\tt US\_GLOBALJETS\_ETF-FINANCIAL\_SELECT\_FUND}$	1.003	0.268	0.540	1.490	-0.153	0.289
${\tt US\_GLOBALJETS\_ETF-ISHARES\_US\_ETF}$	0.934	0.284	0.557	1.532	-0.138	0.631
${\tt US\_GLOBALJETS\_ETF-SPDR\_ETF}$	0.961	0.283	0.606	1.654	-0.217	0.320
${\tt US\_GLOBALJETS\_ETF-ISHARES\_TRVL\_ETF}$	0.683	0.216	0.343	1.104	0.098**	0.010
US_GLOBALJETS_ETF - INVESCO_ETF	1.095	0.222	0.719	1.487	-0.159	0.135
$ISHARES\_TRVL\_ETF - GLOBALX\_ETF$	0.367	0.175	0.142	0.686	0.022	0.496
ISHARES_TRVL_ETF - AMPLIFY_ETF	0.468	0.210	0.149	0.808	0.132*	0.094
ISHARES_TRVL_ETF - INVESCO_FINTECH_ETF	0.672	0.274	0.293	1.111	0.007	0.686
ISHARES_TRVL_ETF - BTC	0.061	0.097	-0.047	0.260	-4.633***	0.000
ISHARES_TRVL_ETF - ETH	0.054	0.083	-0.042	0.228	-8.603***	0.000
ISHARES_TRVL_ETF - BNB ISHARES_TRVL_ETF - FINANCIAL_SELECT_FUND	0.064 $0.479$	0.079	-0.021 0.109	0.219 $0.796$	-9.743*** 0.207***	0.000
ISHARES_TRVL_ETF - FINANCIAL_SELECT_FUND ISHARES_TRVL_ETF - ISHARES_US_ETF	0.479 $0.472$	0.215 $0.199$	0.109 $0.171$	0.796	0.207***	0.000
ISHARES_TRVL_ETF = ISHARES_US_ETF ISHARES_TRVL_ETF = SPDR_ETF	0.472	0.199	0.171	0.783	0.230***	0.000
ISHARES_TRVL_ETF - US_GLOBALJETS_ETF	0.399	0.146	0.133	0.617	-0.196*	0.002
ISHARES_TRVL_ETF - INVESCO_ETF	0.519	0.176	0.210	0.752	0.146***	0.004
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Table A1: Summary of dynamic optimal bilateral hedge ratios (continued)

Pair	Mean	Std. Dev.	5%	95%	HE	p-value
INVESCO_ETF - GLOBALX_ETF	0.546	0.173	0.328	0.987	-0.112**	0.047
INVESCO_ETF - AMPLIFY_ETF	0.677	0.176	0.397	1.042	-0.011	0.806
INVESCO_ETF - INVESCO_FINTECH_ETF	0.551	0.216	0.275	1.014	0.081*	0.090
INVESCO_ETF - BTC	0.088	0.111	-0.041	0.298	-4.362***	0.000
INVESCO_ETF - ETH	0.073	0.094	-0.025	0.284	-8.142***	0.000
INVESCO_ETF - BNB	0.070	0.086	-0.033	0.238	-9.363***	0.000
$INVESCO\_ETF-FINANCIAL\_SELECT\_FUND$	0.762	0.214	0.352	1.122	0.050	0.407
$INVESCO\_ETF - ISHARES\_US\_ETF$	0.740	0.194	0.421	1.039	0.035	0.460
$INVESCO\_ETF - SPDR\_ETF$	0.767	0.190	0.479	1.128	-0.030	0.988
INVESCO_ETF - US_GLOBALJETS_ETF	0.566	0.116	0.394	0.779	-0.182**	0.022
INVESCO_ETF - ISHARES_TRVL_ETF	0.472	0.166	0.222	0.767	0.089	0.116

Table A2: Summary of dynamic optimal bilateral portfolio weights

GLOBALX_ETF - INVESCO_FINTECH_ETF	Pair	ean Std. Dev. 5% 95% HE	p-value
GLOBALX_ETF - BTC GLOBALX_ETF = CTH GLOBALX_ETF = CTH GLOBALX_ETF = DTH GLOBALX_ETF = BNB GLOBALX_ETF = FINANCIAL_SELECT_FUND GLOBALX_ETF = ISHARES_US_ETF GLOBALX_ETF = SPDR_ETF GLOBALX_ETF = SPDR_ETF GLOBALX_ETF = SPDR_ETF GLOBALX_ETF = ISHARES_US_ETF GLOBALX_ETF = US_GLOBALJETS_ETF GLOBALX_ETF = US_GLOBALJETS_ETF GLOBALX_ETF = ISHARES_TRVL_ETF GLOBALX_ETF = ISHARES_TRVL_ETF GLOBALX_ETF = INVESCO_ETF GLOBALX_ETF = INVESCO_ETF GLOBALX_ETF = INVESCO_ETF GLOBALX_ETF = INVESCO_ETF GLOBALX_ETF = GLOBALX_ETF GLOBALX_ETF = GLOBALX_ETF GLOBALX_ETF = GLOBALX_ETF GLOBALX_ETF = O.665 GLOBALX_ETF = INVESCO_ETF GLOBALX_ETF = GLOBALX_ETF GLOBALX_ETF = INVESCO_ETF GLOBALX_ETF = INVESCO_ETF GLOBALX_ETF = GLOBALX_ETF = GLOBALX_ETF GLOBALX_ETF = GLOBALX_E			0.984
GLOBALX_ETF - ETH			0.058
GLOBALX_ETF - BNB GLOBALX_ETF - FINANCIAL_SELECT_FUND GLOBALX_ETF - FINANCIAL_SELECT_FUND GLOBALX_ETF - ISHARES_US_ETF GLOBALX_ETF - ISHARES_US_ETF GLOBALX_ETF - ISHARES_US_ETF GLOBALX_ETF - SPDR_ETF GLOBALX_ETF - SPDR_ETF GLOBALX_ETF - SPDR_ETF GLOBALX_ETF - SPDR_ETF GLOBALX_ETF - US_GLOBALJETS_ETF GLOBALX_ETF - US_GLOBALJETS_ETF GLOBALX_ETF - US_GLOBALJETS_ETF GLOBALX_ETF - US_GLOBALJETS_ETF GLOBALX_ETF - ISHARES_TRVL_ETF GLOBALX_ETF - INVESCO_ETF GLOBALX_ETF - INVESCO_FINTECH_ETF GLOBALX_ETF - US_GLOBALX_ETF GLOBGALX_ETF - US_			
GLOBALX.ETF - FINANCIAL.SELECT.FUND 0.735 0.300 0.063 1.000 0.009 0.27 GLOBALX.ETF - ISHARES.US.ETF 0.757 0.252 0.249 1.000 0.052 0.12 GLOBALX.ETF - SPDR.ETF 0.806 0.235 0.298 1.000 0.039 0.28 GLOBALX.ETF - SPDR.ETF 0.806 0.235 0.298 1.000 0.039 0.28 GLOBALX.ETF - US.GLOBALJETS.ETF 0.464 0.260 0.000 0.891 -0.361 0.11 GLOBALX.ETF - ISHARES.TRVL.ETF 0.655 0.226 0.207 0.971 0.157*** 0.00 GLOBALX.ETF - INVESCO.ETF 0.777 0.303 0.011 1.000 -0.091 0.95 AMPLIFY.ETF - GLOBALX.ETF 0.165 0.298 0.000 1.000 -0.091 0.95 AMPLIFY.ETF - GLOBALX.ETF 0.688 0.207 0.360 1.000 0.089* 0.05 AMPLIFY.ETF - BTC 0.066 0.061 0.000 0.173 -4.551*** 0.00 AMPLIFY.ETF - ETH 0.032 0.042 0.000 0.173 -4.551*** 0.00 AMPLIFY.ETF - ETH 0.032 0.042 0.000 0.128 8.767*** 0.00 AMPLIFY.ETF - FINANCIAL.SELECT.FUND 0.685 0.313 0.042 1.000 0.012 0.43 AMPLIFY.ETF - ISHARES.US.ETF 0.698 0.273 0.207 1.000 0.050 0.24 AMPLIFY.ETF - SPDR.ETF 0.719 0.274 0.255 1.000 0.036 0.35 AMPLIFY.ETF - US.GLOBALJETS.ETF 0.541 0.225 0.161 0.889 0.106** 0.03 AMPLIFY.ETF - ISHARES.TRVL.ETF 0.541 0.225 0.161 0.889 0.106** 0.00 AMPLIFY.ETF - ISHARES.TRVL.ETF 0.541 0.225 0.161 0.889 0.106** 0.00 AMPLIFY.ETF - ISHARES.TRVL.ETF 0.541 0.225 0.161 0.889 0.106** 0.00 INVESCO.FINTECH.ETF - AMPLIFY.ETF 0.176 0.158 0.000 0.627 -0.663*** 0.00 AMPLIFY.ETF - ISHARES.TRVL.ETF 0.541 0.225 0.161 0.889 0.106** 0.00 INVESCO.FINTECH.ETF - AMPLIFY.ETF 0.176 0.158 0.000 0.640 -0.297** 0.001 INVESCO.FINTECH.ETF - BME 0.040 0.053 0.000 0.640 -0.297** 0.001 INVESCO.FINTECH.ETF - BME 0.040 0.053 0.000 0.640 -0.297** 0.001 INVESCO.FINTECH.ETF - BME 0.048 0.073 0.000 0.640 -0.297** 0.001 INVESCO.FINTECH.ETF - ETH 0.040 0.053 0.000 0.661 -12.836*** 0.000 INVESCO.FINTECH.ETF - ISHARES.US.ETF 0.404 0.107 0.145 0.886 0.004 0.221 1.43.66*** 0.000 INVESCO.FINTECH.ETF - ISHARES.US.ETF 0.400 0.217 0.120 0.886 0.003 0.350 0.000 0.550 1.1260*** 0.000 INVESCO.FINTECH.ETF - ISHARES.US.ETF 0.400 0.217 0.120 0.886 0.003 0.350 0.000 0.367 0.003 0.350 0.000 0.367 0.003 0.350 0.000 0.367 0.003 0.350 0.000 0.367 0.003 0.350			
GLOBALX.ETF - ISHARES.US.ETF			
GLOBALX.ETF - SPDR.ETF			0.274
GLOBALX.ETF - US.GLOBALJETS.ETF			0.124
GLOBALX.ETF - ISHARES.TRVL.ETF			0.281
GLOBALX.ETF - INVESCO.ETF 0.777 0.303 0.011 1.000 -0.091 0.95  AMPLIFY.ETF - GLOBALX.ETF 0.165 0.298 0.000 1.000 -0.274*** 0.00  AMPLIFY.ETF - INVESCO.FINTECH.ETF 0.688 0.207 0.360 1.000 0.089* 0.05  AMPLIFY.ETF - BTC 0.066 0.061 0.000 0.173 -4.551*** 0.00  AMPLIFY.ETF - BTC 0.066 0.061 0.000 0.173 -4.551*** 0.00  AMPLIFY.ETF - BNB 0.045 0.060 0.000 0.175 -9.765*** 0.00  AMPLIFY.ETF - BNB 0.045 0.060 0.000 0.175 -9.765*** 0.00  AMPLIFY.ETF - FINANCIAL.SELECT.FUND 0.685 0.313 0.042 1.000 0.012 0.43  AMPLIFY.ETF - SHARES.US.ETF 0.698 0.273 0.207 1.000 0.050 0.24  AMPLIFY.ETF - SPDR.ETF 0.719 0.274 0.255 1.000 0.036 0.35  AMPLIFY.ETF - ISHARES.TRVL.ETF 0.541 0.225 0.161 0.859 0.106** 0.03  AMPLIFY.ETF - INVESCO.ETF 0.679 0.322 0.000 1.000 -0.116 0.71  INVESCO.FINTECH.ETF - AMPLIFY.ETF 0.312 0.207 0.000 0.640 -0.297** 0.01  INVESCO.FINTECH.ETF - BTC 0.069 0.071 0.000 0.640 -0.297** 0.01  INVESCO.FINTECH.ETF - BTC 0.069 0.071 0.000 0.640 -0.297** 0.00  INVESCO.FINTECH.ETF - BNB 0.048 0.073 0.000 0.221 -14.366*** 0.00  INVESCO.FINTECH.ETF - BNB 0.048 0.073 0.000 0.221 -14.366*** 0.00  INVESCO.FINTECH.ETF - BNB 0.048 0.073 0.000 0.221 -14.366*** 0.00  INVESCO.FINTECH.ETF - BNB 0.048 0.073 0.000 0.221 -14.366*** 0.00  INVESCO.FINTECH.ETF - BNB 0.048 0.073 0.000 0.221 -14.366*** 0.00  INVESCO.FINTECH.ETF - BNB 0.046 0.197 0.145 0.816 0.006 0.52  INVESCO.FINTECH.ETF - BNB 0.046 0.197 0.145 0.816 0.006 0.52  INVESCO.FINTECH.ETF - SPDR.ETF 0.464 0.197 0.145 0.816 0.006 0.52  INVESCO.FINTECH.ETF - ISHARES.US.ETF 0.400 0.158 0.000 0.565 -1.260*** 0.00  INVESCO.FINTECH.ETF - ISHARES.TRYL.ETF 0.402 0.366 0.000 0.899 -0.354*** 0.00  INVESCO.FINTECH.ETF - ISHARES.TRYL.ETF 0.402 0.366 0.000 0.899 -0.354*** 0.00  INVESCO.FINTECH.ETF - ISHARES.TRYL.ETF 0.409 0.236 0.000 0.899 -0.354*** 0.00  INVESCO.FINTECH.ETF - ISHARES.TRYL.ETF 0.409 0.236 0.000 0.899 -0.354*** 0.00  INVESCO.FINTECH.ETF - ISHARES.TRYL.ETF 0.409 0.236 0.000 0.899 -0.354*** 0.00  INVESCO.FINTECH.ETF - ISHARES.TRYL.ETF 0.409 0.236 0.000 0.899 -0.354***			0.112
AMPLIFY_ETF - GLOBALX_ETF			
AMPLIFY_ETF - INVESCO_FINTECH_ETF			0.953
AMPLIFY_ETF - BTC  AMPLIFY_ETF - ETH  AMPLIFY_ETF - ETH  AMPLIFY_ETF - BNB  AMPLIFY_ETF - FINANCIAL_SELECT_FUND  AMPLIFY_ETF - ISHARES_US_ETF  AMPLIFY_ETF - SPDR_ETF  AMPLIFY_ETF - SPDR_ETF  AMPLIFY_ETF - ISHARES_TRVL_ETF  AMPLIFY_ETF - ISHARES_TRVL_ETF  AMPLIFY_ETF - ISHARES_US_ETF  AMPLIFY_ETF - ISHARES_US_ETF  AMPLIFY_ETF - SPDR_ETF  AMPLIFY_ETF - SPDR_ETF  BMB  AMPLIFY_ETF - SPDR_ETF  AMPLIFY_ETF - SPDR_ETF  AMPLIFY_ETF - ISHARES_TRVL_ETF  AMPLIFY_ETF - ISHARES_TRVL_ETF  AMPLIFY_ETF - ISHARES_TRVL_ETF  AMPLIFY_ETF - INVESCO_ETF  AMPLIFY_ETF - INTER_ETF  AMPLIFY_ETF  AMPLIFY_ETF - INTER_ETF  AMPLIFY_ETF  AMPLIFY_ETF  AMPLIFY_ETF  AMPLIFY_ETF  AMPLIFY_ETF  AMPLIFY_ETF  AMPLIFY_ETF  AMPLIFY_ETF  AMPLIFY_ETF  AMPLIFY_ETF AMPLIFY_ETF  AMPLIFY_ETF AMPLIFY_ETF  AMPLIFY_ETF AMPLIFY_ETF AMPLIFY_ETF  AMPLIFY_ETF AMPLIFY_ETF AMPLIFY_ETF AMPLIFY_ET			
AMPLIFY_ETF - ETH       0.032       0.042       0.000       0.128       -8.767***       0.00         AMPLIFY_ETF - BNB       0.045       0.060       0.000       0.175       -9.765***       0.00         AMPLIFY_ETF - FINANCIAL_SELECT_FUND       0.685       0.313       0.042       1.000       0.012       0.43         AMPLIFY_ETF - ISHARES_US_ETF       0.698       0.273       0.207       1.000       0.050       0.24         AMPLIFY_ETF - SPDR_ETF       0.719       0.274       0.255       1.000       0.036       0.35         AMPLIFY_ETF - US_GLOBALJETS_ETF       0.257       0.195       0.000       0.627       -0.663***       0.00         AMPLIFY_ETF - INVESCO_ETF       0.541       0.225       0.161       0.859       0.106**       0.03         AMPLIFY_ETF - INVESCO_ETF       0.619       0.322       0.000       1.000       -0.116       0.71         INVESCO_FINTECH_ETF - GLOBALX_ETF       0.176       0.158       0.000       0.452       -0.614***       0.00         INVESCO_FINTECH_ETF - BTC       0.069       0.071       0.000       0.640       -0.297**       0.01         INVESCO_FINTECH_ETF - BNB       0.048       0.073       0.000       0.161       -12.836***			
AMPLIFY_ETF - BNB       0.045       0.060       0.000       0.175       -9.765***       0.00         AMPLIFY_ETF - FINANCIAL_SELECT_FUND       0.685       0.313       0.042       1.000       0.012       0.43         AMPLIFY_ETF - ISHARES_US_ETF       0.698       0.273       0.207       1.000       0.050       0.24         AMPLIFY_ETF - SPDR_ETF       0.719       0.274       0.255       1.000       0.036       0.35         AMPLIFY_ETF - US_GLOBALJETS_ETF       0.257       0.195       0.000       0.627       -0.663***       0.00         AMPLIFY_ETF - ISHARES_TRVL_ETF       0.541       0.225       0.161       0.859       0.106**       0.03         AMPLIFY_ETF - INVESCO_ETF       0.679       0.322       0.000       1.000       -0.116       0.71         INVESCO_FINTECH_ETF - GLOBALX_ETF       0.176       0.158       0.000       0.452       -0.614***       0.00         INVESCO_FINTECH_ETF - BTC       0.069       0.071       0.000       0.640       -0.297**       0.01         INVESCO_FINTECH_ETF - BTB       0.048       0.073       0.000       0.161       -12.836***       0.00         INVESCO_FINTECH_ETF - ISHARES_US_ETF       0.490       0.217       0.120       0.856<			
AMPLIFY_ETF - FINANCIAL_SELECT_FUND       0.685       0.313       0.042       1.000       0.012       0.43         AMPLIFY_ETF - ISHARES_US_ETF       0.698       0.273       0.207       1.000       0.050       0.24         AMPLIFY_ETF - SPDR_ETF       0.719       0.274       0.255       1.000       0.036       0.35         AMPLIFY_ETF - US_GLOBALJETS_ETF       0.257       0.195       0.000       0.627       -0.663***       0.00         AMPLIFY_ETF - INVESCO_ETF       0.541       0.225       0.161       0.859       0.106**       0.03         AMPLIFY_ETF - INVESCO_ETF       0.679       0.322       0.000       1.000       -0.116       0.71         INVESCO_FINTECH_ETF - GLOBALX_ETF       0.176       0.158       0.000       0.452       -0.614***       0.00         INVESCO_FINTECH_ETF - BTC       0.069       0.071       0.000       0.640       -0.297**       0.01         INVESCO_FINTECH_ETF - ETH       0.040       0.053       0.000       0.161       -12.836***       0.00         INVESCO_FINTECH_ETF - FINANCIAL_SELECT_FUND       0.520       0.257       0.095       0.947       -0.142       0.82         INVESCO_FINTECH_ETF - ISHARES_US_ETF       0.490       0.217       0.120 <td></td> <td></td> <td></td>			
AMPLIFY_ETF - ISHARES_US_ETF       0.698       0.273       0.207       1.000       0.050       0.24         AMPLIFY_ETF - SPDR_ETF       0.719       0.274       0.255       1.000       0.036       0.35         AMPLIFY_ETF - US_GLOBALJETS_ETF       0.257       0.195       0.000       0.627       -0.663***       0.00         AMPLIFY_ETF - ISHARES_TRVL_ETF       0.541       0.225       0.161       0.859       0.106**       0.03         AMPLIFY_ETF - INVESCO_ETF       0.679       0.322       0.000       1.000       -0.116       0.71         INVESCO_FINTECH_ETF - GLOBALX_ETF       0.176       0.158       0.000       0.452       -0.614***       0.00         INVESCO_FINTECH_ETF - AMPLIFY_ETF       0.312       0.207       0.000       0.640       -0.297**       0.01         INVESCO_FINTECH_ETF - BTC       0.069       0.071       0.000       0.197       -6.926***       0.00         INVESCO_FINTECH_ETF - ETH       0.040       0.053       0.000       0.161       -12.836***       0.00         INVESCO_FINTECH_ETF - FINANCIAL_SELECT_FUND       0.520       0.257       0.095       0.947       -0.142       0.82         INVESCO_FINTECH_ETF - ISHARES_US_ETF       0.400       0.217       0.			
AMPLIFY_ETF - SPDR_ETF       0.719       0.274       0.255       1.000       0.036       0.35         AMPLIFY_ETF - US_GLOBALJETS_ETF       0.257       0.195       0.000       0.627       -0.663***       0.00         AMPLIFY_ETF - ISHARES_TRVL_ETF       0.541       0.225       0.161       0.859       0.106**       0.03         AMPLIFY_ETF - INVESCO_ETF       0.679       0.322       0.000       1.000       -0.116       0.71         INVESCO_FINTECH_ETF - GLOBALX_ETF       0.176       0.158       0.000       0.452       -0.614***       0.00         INVESCO_FINTECH_ETF - AMPLIFY_ETF       0.312       0.207       0.000       0.640       -0.297**       0.01         INVESCO_FINTECH_ETF - BTC       0.069       0.071       0.000       0.197       -6.926***       0.00         INVESCO_FINTECH_ETF - ETH       0.040       0.053       0.000       0.161       -12.836***       0.00         INVESCO_FINTECH_ETF - BNB       0.048       0.073       0.000       0.221       -14.366***       0.00         INVESCO_FINTECH_ETF - ISHARES_US_ETF       0.490       0.217       0.120       0.856       -0.043       0.31         INVESCO_FINTECH_ETF - SPDR_ETF       0.464       0.197       0.145			
AMPLIFY_ETF - US_GLOBALJETS_ETF       0.257       0.195       0.000       0.627       -0.663***       0.00         AMPLIFY_ETF - ISHARES_TRVL_ETF       0.541       0.225       0.161       0.859       0.106**       0.03         AMPLIFY_ETF - INVESCO_ETF       0.679       0.322       0.000       1.000       -0.116       0.71         INVESCO_FINTECH_ETF - GLOBALX_ETF       0.176       0.158       0.000       0.452       -0.614***       0.00         INVESCO_FINTECH_ETF - AMPLIFY_ETF       0.312       0.207       0.000       0.640       -0.297**       0.01         INVESCO_FINTECH_ETF - BTC       0.069       0.071       0.000       0.197       -6.926***       0.00         INVESCO_FINTECH_ETF - ETH       0.040       0.053       0.000       0.161       -12.836***       0.00         INVESCO_FINTECH_ETF - BNB       0.048       0.073       0.000       0.221       -14.366***       0.00         INVESCO_FINTECH_ETF - FINANCIAL_SELECT_FUND       0.520       0.257       0.095       0.947       -0.142       0.82         INVESCO_FINTECH_ETF - ISHARES_US_ETF       0.400       0.217       0.120       0.856       -0.043       0.31         INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF       0.230       0.1			
AMPLIFY_ETF - ISHARES_TRVL_ETF			
AMPLIFY_ETF - INVESCO_ETF       0.679       0.322       0.000       1.000       -0.116       0.71         INVESCO_FINTECH_ETF - GLOBALX_ETF       0.176       0.158       0.000       0.452       -0.614***       0.00         INVESCO_FINTECH_ETF - AMPLIFY_ETF       0.312       0.207       0.000       0.640       -0.297**       0.01         INVESCO_FINTECH_ETF - BTC       0.069       0.071       0.000       0.197       -6.926***       0.00         INVESCO_FINTECH_ETF - ETH       0.040       0.053       0.000       0.161       -12.836***       0.00         INVESCO_FINTECH_ETF - BNB       0.048       0.073       0.000       0.221       -14.366***       0.00         INVESCO_FINTECH_ETF - FINANCIAL_SELECT_FUND       0.520       0.257       0.095       0.947       -0.142       0.82         INVESCO_FINTECH_ETF - ISHARES_US_ETF       0.490       0.217       0.120       0.856       -0.043       0.31         INVESCO_FINTECH_ETF - SPDR_ETF       0.464       0.197       0.145       0.816       0.006       0.52         INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF       0.230       0.158       0.000       0.565       -1.260***       0.00         INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF       0.402 <t< td=""><td></td><td></td><td></td></t<>			
INVESCO_FINTECH_ETF - GLOBALX_ETF   0.176   0.158   0.000   0.452   -0.614***   0.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.000   1.00			
INVESCO_FINTECH_ETF - AMPLIFY_ETF   0.312   0.207   0.000   0.640   -0.297**   0.01			
INVESCO_FINTECH_ETF - BTC         0.069         0.071         0.000         0.197         -6.926***         0.00           INVESCO_FINTECH_ETF - ETH         0.040         0.053         0.000         0.161         -12.836***         0.00           INVESCO_FINTECH_ETF - BNB         0.048         0.073         0.000         0.221         -14.366***         0.00           INVESCO_FINTECH_ETF - FINANCIAL_SELECT_FUND         0.520         0.257         0.095         0.947         -0.142         0.82           INVESCO_FINTECH_ETF - ISHARES_US_ETF         0.490         0.217         0.120         0.856         -0.043         0.31           INVESCO_FINTECH_ETF - SPDR_ETF         0.464         0.197         0.145         0.816         0.006         0.52           INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF         0.230         0.158         0.000         0.565         -1.260***         0.00           INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF         0.402         0.306         0.000         0.899         -0.354***         0.00           INVESCO_FINTECH_ETF - INVESCO_ETF         0.469         0.236         0.000         0.877         -0.304         0.45           BTC - GLOBALX_ETF         0.907         0.080         0.770         1.000         0.099			
INVESCO_FINTECH_ETF - ETH         0.040         0.053         0.000         0.161         -12.836***         0.00           INVESCO_FINTECH_ETF - BNB         0.048         0.073         0.000         0.221         -14.366***         0.00           INVESCO_FINTECH_ETF - FINANCIAL_SELECT_FUND         0.520         0.257         0.095         0.947         -0.142         0.82           INVESCO_FINTECH_ETF - ISHARES_US_ETF         0.490         0.217         0.120         0.856         -0.043         0.31           INVESCO_FINTECH_ETF - SPDR_ETF         0.464         0.197         0.145         0.816         0.006         0.52           INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF         0.230         0.158         0.000         0.565         -1.260***         0.00           INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF         0.402         0.306         0.000         0.899         -0.354***         0.00           INVESCO_FINTECH_ETF - INVESCO_ETF         0.469         0.236         0.000         0.877         -0.304         0.45           BTC - GLOBALX_ETF         0.907         0.080         0.770         1.000         0.099         0.14			
INVESCO_FINTECH_ETF - BNB       0.048       0.073       0.000       0.221       -14.366***       0.00         INVESCO_FINTECH_ETF - FINANCIAL_SELECT_FUND       0.520       0.257       0.095       0.947       -0.142       0.82         INVESCO_FINTECH_ETF - ISHARES_US_ETF       0.490       0.217       0.120       0.856       -0.043       0.31         INVESCO_FINTECH_ETF - SPDR_ETF       0.464       0.197       0.145       0.816       0.006       0.52         INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF       0.230       0.158       0.000       0.565       -1.260***       0.00         INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF       0.402       0.306       0.000       0.899       -0.354***       0.00         INVESCO_FINTECH_ETF - INVESCO_ETF       0.469       0.236       0.000       0.877       -0.304       0.45         BTC - GLOBALX_ETF       0.907       0.080       0.770       1.000       0.099       0.14			
INVESCO_FINTECH_ETF - FINANCIAL_SELECT_FUND         0.520         0.257         0.095         0.947         -0.142         0.82           INVESCO_FINTECH_ETF - ISHARES_US_ETF         0.490         0.217         0.120         0.856         -0.043         0.31           INVESCO_FINTECH_ETF - SPDR_ETF         0.464         0.197         0.145         0.816         0.006         0.52           INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF         0.230         0.158         0.000         0.565         -1.260***         0.00           INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF         0.402         0.306         0.000         0.899         -0.354***         0.00           INVESCO_FINTECH_ETF - INVESCO_ETF         0.469         0.236         0.000         0.877         -0.304         0.45           BTC - GLOBALX_ETF         0.907         0.080         0.770         1.000         0.099         0.14			
INVESCO_FINTECH_ETF - ISHARES_US_ETF         0.490         0.217         0.120         0.856         -0.043         0.31           INVESCO_FINTECH_ETF - SPDR_ETF         0.464         0.197         0.145         0.816         0.006         0.52           INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF         0.230         0.158         0.000         0.565         -1.260***         0.00           INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF         0.402         0.306         0.000         0.899         -0.354***         0.00           INVESCO_FINTECH_ETF - INVESCO_ETF         0.469         0.236         0.000         0.877         -0.304         0.45           BTC - GLOBALX_ETF         0.907         0.080         0.770         1.000         0.099         0.14			
INVESCO_FINTECH_ETF - SPDR_ETF         0.464         0.197         0.145         0.816         0.006         0.52           INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF         0.230         0.158         0.000         0.565         -1.260***         0.00           INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF         0.402         0.306         0.000         0.899         -0.354***         0.00           INVESCO_FINTECH_ETF - INVESCO_ETF         0.469         0.236         0.000         0.877         -0.304         0.45           BTC - GLOBALX_ETF         0.907         0.080         0.770         1.000         0.099         0.14			
INVESCO_FINTECH_ETF - US_GLOBALJETS_ETF         0.230         0.158         0.000         0.565         -1.260***         0.00           INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF         0.402         0.306         0.000         0.899         -0.354***         0.00           INVESCO_FINTECH_ETF - INVESCO_ETF         0.469         0.236         0.000         0.877         -0.304         0.45           BTC - GLOBALX_ETF         0.907         0.080         0.770         1.000         0.099         0.14			
INVESCO_FINTECH_ETF - ISHARES_TRVL_ETF         0.402         0.306         0.000         0.899         -0.354***         0.00           INVESCO_FINTECH_ETF - INVESCO_ETF         0.469         0.236         0.000         0.877         -0.304         0.45           BTC - GLOBALX_ETF         0.907         0.080         0.770         1.000         0.099         0.14			
INVESCO_FINTECH_ETF - INVESCO_ETF			
BTC - GLOBALX_ETF 0.907 0.080 0.770 1.000 0.099 0.14			0.459
			0.141
BTC - AMPLIFY_ETF 0.934 0.061 0.827 1.000 0.083 0.21			0.210
			0.183
	C - ETH		
BTC - BNB 0.234 0.278 0.000 0.886 -0.700*** 0.00	C – BNB	234 0.278 0.000 0.886 -0.700**	* 0.000
BTC - FINANCIAL_SELECT_FUND 0.937 0.072 0.786 1.000 0.088 0.18	C - FINANCIAL_SELECT_FUND	937 0.072 0.786 1.000 0.088	0.186
BTC - ISHARES_US_ETF 0.942 0.059 0.833 1.000 0.079 0.23	C - ISHARES_US_ETF	942 0.059 0.833 1.000 0.079	0.230
BTC - SPDR_ETF 0.947 0.056 0.843 1.000 0.071 0.28	C - SPDR_ETF	947 0.056 0.843 1.000 0.071	0.281
BTC - US_GLOBALJETS_ETF 0.838 0.151 0.542 1.000 0.164** 0.01	C - US_GLOBALJETS_ETF	838 0.151 0.542 1.000 0.164**	0.013
BTC - ISHARES_TRVL_ETF 0.900 0.094 0.686 1.000 0.123** 0.04	$C - ISHARES\_TRVL\_ETF$	900 0.094 0.686 1.000 0.123**	0.041
BTC - INVESCO_ETF 0.931 0.076 0.802 1.000 0.094 0.15	$C - INVESCO\_ETF$	931 0.076 0.802 1.000 0.094	0.152
ETH - GLOBALX_ETF 0.957 0.056 0.838 1.000 0.046 0.45	H – GLOBALX_ETF	957 0.056 0.838 1.000 0.046	0.450
ETH - AMPLIFY_ETF 0.968 0.042 0.872 1.000 0.040 0.52	$H - AMPLIFY\_ETF$	968 0.042 0.872 1.000 0.040	0.522
ETH - INVESCO_FINTECH_ETF 0.960 0.053 0.839 1.000 0.044 0.44	H - INVESCO_FINTECH_ETF	960 0.053 0.839 1.000 0.044	0.441
ETH – BTC 0.868 0.217 0.396 1.000 0.022 0.75	H - BTC	868 0.217 0.396 1.000 0.022	0.756
ETH - BNB 0.555 0.301 0.042 1.000 -0.060 0.62	H – BNB	555 0.301 0.042 1.000 -0.060	0.626
ETH - FINANCIAL_SELECT_FUND 0.965 0.047 0.862 1.000 0.050 0.43	H – FINANCIAL_SELECT_FUND	965 0.047 0.862 1.000 0.050	0.433
ETH - ISHARES_US_ETF 0.966 0.042 0.878 1.000 0.044 0.47	H - ISHARES_US_ETF	966 0.042 0.878 1.000 0.044	0.475
ETH - SPDR_ETF 0.970 0.038 0.890 1.000 0.039 0.52	H - SPDR_ETF	970 0.038 0.890 1.000 0.039	0.526
ETH - US_GLOBALJETS_ETF 0.898 0.119 0.745 1.000 0.117* 0.06	H - US_GLOBALJETS_ETF	898 0.119 0.745 1.000 0.117*	0.062
ETH - ISHARES_TRVL_ETF 0.939 0.066 0.828 1.000 0.076 0.18	H – ISHARES_TRVL_ETF	939 0.066 0.828 1.000 0.076	0.188
ETH - INVESCO_ETF 0.963 0.054 0.841 1.000 0.051 0.42	H - INVESCO_ETF	963 0.054 0.841 1.000 0.051	0.426
BNB - GLOBALX_ETF 0.930 0.087 0.732 1.000 0.050 0.35	B – GLOBALX_ETF	930 0.087 0.732 1.000 0.050	0.356
BNB - AMPLIFY_ETF 0.955 0.060 0.825 1.000 0.038 0.48	B – AMPLIFY_ETF	955 0.060 0.825 1.000 0.038	0.484
BNB - INVESCO_FINTECH_ETF 0.952 0.073 0.779 1.000 0.035 0.48	B – INVESCO_FINTECH_ETF	952 0.073 0.779 1.000 0.035	0.487
BNB – BTC 0.766 0.278 0.114 1.000 0.081 0.34	B – BTC	766 0.278 0.114 1.000 0.081	0.341
BNB - ETH 0.445 0.301 0.000 0.958 0.037 0.98	B – ETH	445         0.301         0.000         0.958         0.037	0.988
BNB - FINANCIAL_SELECT_FUND 0.956 0.072 0.780 1.000 0.042 0.44	B - FINANCIAL_SELECT_FUND	956 0.072 0.780 1.000 0.042	0.442

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Table A2: Summary of dynamic optimal bilateral portfolio weights (continued)

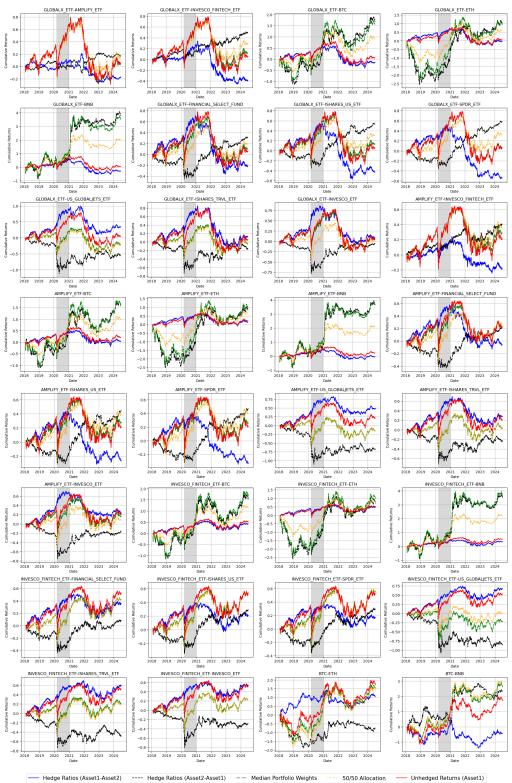
Pair	Mean	Std. Dev.	5%	95%	HE	p-value
BNB - ISHARES_US_ETF	0.956	0.065	0.790	1.000	0.041	0.469
BNB - SPDR_ETF	0.959	0.059	0.826	1.000	0.037	0.499
BNB - US_GLOBALJETS_ETF	0.876	0.147	0.652	1.000	0.103*	0.076
BNB - ISHARES_TRVL_ETF	0.931	0.091	0.736	1.000	0.067	0.223
BNB - INVESCO_ETF	0.951	0.076	0.834	1.000	0.047	0.401
FINANCIAL_SELECT_FUND - GLOBALX_ETF	0.265	0.300	0.000	0.937	-0.539***	0.000
FINANCIAL_SELECT_FUND - AMPLIFY_ETF	0.315	0.313	0.000	0.958	-0.228***	0.001
FINANCIAL_SELECT_FUND - INVESCO_FINTECH_ETF	0.480	0.257	0.053	0.905	0.002	0.881
FINANCIAL_SELECT_FUND - BTC	0.063	0.072	0.000	0.214	-5.862***	0.000
FINANCIAL_SELECT_FUND - ETH	0.035	0.047	0.000	0.138	-11.020***	0.000
FINANCIAL SELECT_FUND - BNB	0.044	0.072	0.000	0.220	-12.327***	0.000
FINANCIAL SELECT FUND - ISHARES_US_ETF	0.424	0.380	0.000	1.000	-0.050	0.361
FINANCIAL_SELECT_FUND - SPDR_ETF FINANCIAL_SELECT_FUND - US_GLOBALJETS_ETF	0.360	0.369	0.000	1.000	-0.108**	0.042
FINANCIAL_SELECT_FUND - US_GLOBALJETS_ETF  FINANCIAL_SELECT_FUND - ISHARES_TRVL_ETF	0.104 0.406	0.149 $0.217$	0.000 $0.138$	0.409 $0.796$	-1.164*** -0.044	0.000 $0.592$
FINANCIAL_SELECT_FUND - INVESCO_ETF	0.426	0.334	0.000	1.000	-0.191	0.122
ISHARES_US_ETF - GLOBALX_ETF	0.420	0.252	0.000	0.751	-0.526***	0.000
ISHARES_US_ETF - AMPLIFY_ETF	0.302	0.273	0.000	0.793	-0.225***	0.004
ISHARES_US_ETF - INVESCO_FINTECH_ETF	0.510	0.217	0.144	0.880	0.056	0.277
ISHARES_US_ETF - BTC	0.058	0.059	0.000	0.167	-6.183***	0.000
ISHARES_US_ETF - ETH	0.034	0.042	0.000	0.122	-11.531***	0.000
ISHARES_US_ETF - BNB	0.044	0.065	0.000	0.210	-12.828***	0.000
ISHARES_US_ETF - FINANCIAL_SELECT_FUND	0.576	0.380	0.000	1.000	-0.088	0.452
ISHARES_US_ETF - SPDR_ETF	0.385	0.368	0.000	1.000	-0.065	0.225
ISHARES_US_ETF - US_GLOBALJETS_ETF	0.137	0.163	0.000	0.481	-1.203***	0.000
ISHARES_US_ETF - ISHARES_TRVL_ETF	0.424	0.207	0.139	0.806	-0.029	0.917
ISHARES_US_ETF - INVESCO_ETF	0.433	0.331	0.000	1.000	-0.246	0.119
SPDR_ETF - GLOBALX_ETF	0.194	0.235	0.000	0.702	-0.555***	0.000
$SPDR\_ETF - AMPLIFY\_ETF$	0.281	0.274	0.000	0.745	-0.249**	0.040
SPDR_ETF - INVESCO_FINTECH_ETF	0.536	0.197	0.184	0.855	0.094**	0.043
$SPDR\_ETF - BTC$	0.053	0.056	0.000	0.157	-6.284***	0.000
SPDR_ETF - ETH	0.030	0.038	0.000	0.110	-11.669***	0.000
SPDR_ETF - BNB	0.041	0.059	0.000	0.174	-12.959***	0.000
$SPDR\_ETF - FINANCIAL\_SELECT\_FUND$	0.640	0.369	0.000	1.000	-0.154	0.452
SPDR_ETF - ISHARES_US_ETF	0.615	0.368	0.000	1.000	-0.071	0.977
SPDR_ETF - US_GLOBALJETS_ETF	0.152	0.181	0.000	0.542	-1.226***	0.000
SPDR_ETF - ISHARES_TRVL_ETF	0.446	0.227	0.132	0.821	-0.041	0.879
SPDR_ETF - INVESCO_ETF	0.495	0.363	0.000	1.000	-0.317	0.111
US_GLOBALJETS_ETF - GLOBALX_ETF	0.536	0.260	0.109	1.000	0.045	0.617
US_GLOBALJETS_ETF - AMPLIFY_ETF	0.743	0.195	0.373	1.000	0.065	0.215
US_GLOBALJETS_ETF - INVESCO_FINTECH_ETF	0.770	0.158	0.435	1.000	0.107**	0.037
US_GLOBALJETS_ETF - BTC	0.162	0.151	0.000	0.458	-1.844***	0.000
US_GLOBALJETS_ETF - ETH	0.102	0.119	0.000	0.255	-4.046***	0.000
US_GLOBAL JETS_ETF - BNB	0.124	0.147	0.000	0.348	-4.638*** 0.022	0.000 $0.512$
US_GLOBALJETS_ETF - FINANCIAL_SELECT_FUND US_GLOBALJETS_ETF - ISHARES_US_ETF	0.896 0.863	0.149 0.163	0.591 $0.519$	1.000 1.000	0.022	0.312
US_GLOBALJETS_ETF - ISHARES_US_ETF  US_GLOBALJETS_ETF - SPDR_ETF	0.848	0.181	0.458	1.000	0.035	0.313
US_GLOBALJETS_ETF - SFDR_ETF US_GLOBALJETS_ETF - ISHARES_TRVL_ETF	0.759	0.155	0.488	1.000	0.033	0.030
US_GLOBALJETS_ETF - INVESCO_ETF	0.946	0.155	0.630	1.000	0.008	0.790
ISHARES_TRVL_ETF - GLOBALX_ETF	0.345	0.226	0.029	0.793	-0.086**	0.049
ISHARES_TRVL_ETF - AMPLIFY_ETF	0.459	0.225	0.141	0.839	0.078	0.207
ISHARES_TRVL_ETF - INVESCO_FINTECH_ETF	0.598	0.306	0.101	1.000	0.018	0.799
ISHARES_TRVL_ETF - BTC	0.100	0.094	0.000	0.314	-4.474***	0.000
ISHARES_TRVL_ETF - ETH	0.061	0.066	0.000	0.172	-8.704***	0.000
ISHARES_TRVL_ETF - BNB	0.069	0.091	0.000	0.264	-9.767***	0.000
$ISHARES\_TRVL\_ETF-FINANCIAL\_SELECT\_FUND$	0.594	0.217	0.204	0.862	0.133***	0.005
$ISHARES\_TRVL\_ETF - ISHARES\_US\_ETF$	0.576	0.207	0.194	0.861	0.176***	0.002
	0.554	0.227	0.179	0.868	0.171**	0.024
$ISHARES\_TRVL\_ETF - SPDR\_ETF$	0.001					
ISHARES_TRVL_ETF - SPDR_ETF ISHARES_TRVL_ETF - US_GLOBALJETS_ETF	0.241	0.155	0.000	0.512	-0.624***	0.000

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Table A2: Summary of dynamic optimal bilateral portfolio weights (continued)

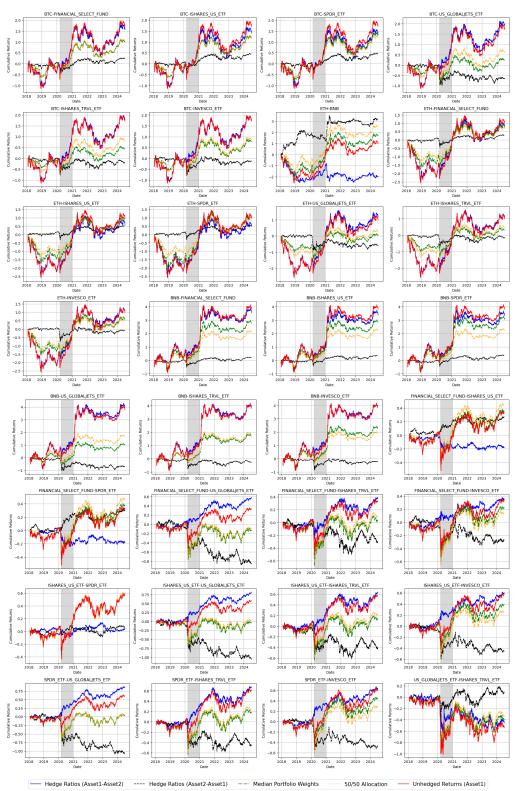
Pair	Mean	Std. Dev.	5%	95%	HE	p-value
INVESCO_ETF - GLOBALX_ETF	0.223	0.303	0.000	0.989	-0.372***	0.000
INVESCO_ETF - AMPLIFY_ETF	0.321	0.322	0.000	1.000	-0.124**	0.026
$INVESCO\_ETF-INVESCO\_FINTECH\_ETF$	0.531	0.236	0.123	1.000	0.077	0.206
$INVESCO\_ETF - BTC$	0.069	0.076	0.000	0.198	-4.522***	0.000
$INVESCO\_ETF - ETH$	0.037	0.054	0.000	0.159	-8.720***	0.000
INVESCO_ETF - BNB	0.049	0.076	0.000	0.166	-9.740***	0.000
$INVESCO\_ETF-FINANCIAL\_SELECT\_FUND$	0.574	0.334	0.000	1.000	0.035	0.614
$INVESCO\_ETF - ISHARES\_US\_ETF$	0.567	0.331	0.000	1.000	0.026	0.721
INVESCO_ETF - SPDR_ETF	0.505	0.363	0.000	1.000	-0.024	0.494
INVESCO_ETF - US_GLOBALJETS_ETF	0.054	0.155	0.000	0.370	-0.778***	0.000
INVESCO_ETF - ISHARES_TRVL_ETF	0.463	0.197	0.172	0.800	0.061	0.277

Figure A4: Cumulative profits of diversification strategies with median hedge ratios and portfolio weights to construct portfolio (Part 1)



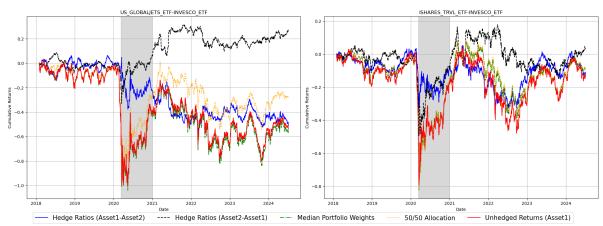
Note: The grey-shaded area is the first year when COVID-19 was declared a pandemic (2020-03-11 to 2020-12-31).

Figure A5: Cumulative profits of diversification strategies with median hedge ratios and portfolio weights to construct portfolio (Part 2)



Note: The grey-shaded area is the first year when COVID-19 was declared a pandemic (2020-03-11 to 2020-12-31).

Figure A6: Cumulative profits of diversification strategies with median hedge ratios and portfolio weights to construct portfolio (Part 3)



Note: The grey-shaded area is the first year when COVID-19 was declared a pandemic (2020-03-11 to 2020-12-31).