Variance Returns - 30 Day Rolling Window Variance Returns - 30 Day Rolling Window —— S&P 500 Proxy —— S&P 500 Proxy S&P 500 Proxy S&P 500 Proxy 0.00200 with 0.01% charge with 0.01% charge High frequency IMFs Realised covariance Mid-frequency IMFs DCC MGARCH Low frequency IMFs Global minimum 0.00175 variance Principle portfolio with 3 components 0.00150 0.00125 0.00100 0.00075 0.00050 0.00025 White the the things 0.00000 31-12-5018 30-01-2018 31-12-2019 31-15-5050 31-12-2051 31-15-5018 31-12-2019 31-15-5051 30-01-2018 31-15-5050 Days Days