Comment on Hasler (2022)

Eugene F. Fama and Kenneth R. French*

The goal of all factor models, including Fama and French (1993), is to define a set of factors that best captures expected returns on a wide range of interesting portfolios. Hasler's (2022) exercise does not address this goal. As a result, his comparisons of different definitions of *HML* are difficult to evaluate. Is it good or bad news for our *HML* that its average return is higher than those of most of his alternatives?

One of Hasler's main arguments is that the average return on our HML is somehow "biased". We think what he means is that the sampling error of the in-sample mean of our HML is positive because it is near the top of the distribution of average returns of the alternatives he considers. In fact, the spread of the average return on our HML over the average return on his alternatives is similar in and out of sample. The difference between the average premium on our HML and the average of his 95 alternatives is 0.08% (t = 1.72) in sample, 0.07% (t = 1.34) before our sample, and 0.05% (t = 0.66) after our sample. The t-statistics, which account for the correlations across the alternatives, say that even the in-sample difference is not reliably different from zero. And the similarity of the in-sample, pre-sample, and post-sample differences says there is no evidence that the in-sample estimate of our HML premium is biased.

	In-Sample			Pre-Sample			Post-Sample		
	FF	Hasler	Diff	FF	Hasler	Diff	FF	Hasler	Diff
Ave	0.39	0.31	0.08	0.40	0.33	0.07	0.15	0.10	0.05
<i>t</i> -stat	2.87	2.13	1.72	1.95	2.90	1.34	0.86	0.55	0.66

^{*} Booth School of Business, University of Chicago (Fama) and Tuck School of Business, Dartmouth College (French). Fama and French are consultants to, board members of, and shareholders in Dimensional Fund Advisors.