Dual Momentum Systems

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		Clahal	The	The	The	
Month	VTI	Global Navigator	The Russell OG	The Russell	The Russell XXL	MAX PAIN
	-4.18%					
Jan 2000	2.54%	-6.22%	-0.02%	-0.02%	-0.02%	-6.61%
Feb 2000		2.83%	21.02%	21.02%	21.02%	56.08%
Mar 2000	5.69%	3.48%	0.10%	0.10%	0.10%	-20.96%
Apr 2000	-5.21%	-5.21%	-9.71%	-9.71%	-9.71%	-14.76%
May 2000	-3.41%	-3.41%	-7.29%	-7.29%	-7.29%	-6.19%
Jun 2000	4.42%	2.30%	-3.73%	10.61%	10.61%	6.08%
Jul 2000	-1.95%	1.49%	1.49%	1.49%	3.66%	1.92%
Aug 2000	7.28%	2.08%	2.08%	2.08%	2.64%	2.64%
Sep 2000	-4.67%	-4.67%	0.96%	-4.64%	-4.64%	-3.03%
Oct 2000	-2.04%	1.57%	1.57%	1.57%	3.90%	3.90%
Nov 2000	-9.90%	2.99%	2.99%	2.99%	3.70%	3.70%
Dec 2000	1.78%	2.45%	2.45%	2.45%	3.05%	3.05%
Jan 2001	3.83%	0.28%	0.28%	0.28%	0.50%	0.50%
Feb 2001	-9.41%	1.80%	1.80%	1.80%	2.28%	2.28%
Mar 2001	-6.72%	-0.60%	-0.60%	-0.60%	-0.54%	-0.54%
Apr 2001	8.16%	-2.56%	-2.56%	-2.56%	-2.86%	-2.86%
May 2001	1.01%	0.21%	0.21%	0.21%	0.43%	0.43%
Jun 2001	-1.64%	0.76%	0.76%	0.76%	1.06%	1.06%
Jul 2001	-1.91%	3.61%	3.61%	3.61%	4.43%	4.43%
Aug 2001	-5.86%	2.02%	2.02%	2.02%	2.58%	2.58%
Sep 2001	-8.69%	0.88%	0.88%	0.88%	1.16%	1.16%
Oct 2001	2.05%	5.12%	5.12%	5.12%	6.25%	6.25%
Nov 2001	7.62%	-5.07%	-5.07%	-5.07%	-5.78%	-5.78%
Dec 2001	1.44%	-1.82%	-1.82%	-1.82%	-1.98%	-1.98%
Jan 2002	-0.87%	1.20%	1.20%	1.20%	1.58%	1.58%
Feb 2002	-1.75%	1.24%	1.24%	1.24%	1.62%	1.62%
Mar 2002	3.68%	-3.86%	-3.86%	-3.86%	-4.36%	-4.36%
Apr 2002	-4.46%	-11.99%	-5.69%	1.50%	1.91%	-2.15%
May 2002	-1.41%	1.16%	0.39%	0.39%	0.13%	-13.74%
Jun 2002	-6.89%	1.76%	1.76%	1.76%	2.22%	4.40%
Jul 2002	-8.34%	2.93%	2.93%	2.93%	3.64%	3.64%
Aug 2002	0.76%	5.51%	5.51%	5.51%	5.23%	5.23%
Sep 2002	-10.10%	4.25%	4.25%	4.25%	4.90%	4.90%
Oct 2002	7.49%	-3.69%	-3.69%	-3.69%	-3.15%	-3.15%
Nov 2002	6.00%	-0.91%	-0.91%	-0.91%	-1.48%	-1.48%
Dec 2002	-5.07%	4.53%	4.53%	4.53%	5.50%	5.50%
Jan 2003	-2.77%	-0.58%	-0.58%	-0.58%	-0.35%	-0.35%
Feb 2003	-1.54%	3.10%	3.10%	3.10%	3.74%	3.74%

Mar 2003	0.76%	-1.37%	-1.37%	-1.37%	-1.16%	-1.16%
Apr 2003	8.61%	16.67%	6.37%	17.08%	25.87%	25.53%
May 2003	5.83%	10.34%	8.85%	16.59%	24.94%	34.50%
Jun 2003	1.62%	2.21%	2.16%	1.67%	1.67%	4.39%
Jul 2003	2.33%	3.20%	3.10%	3.10%	3.10%	18.60%
Aug 2003	2.39%	2.51%	5.51%	4.50%	4.50%	13.45%
Sep 2003	-1.06%	2.78%	-1.76%	-1.96%	-1.96%	-6.74%
Oct 2003	6.05%	6.49%	7.69%	8.31%	8.31%	25.90%
Nov 2003	1.50%	2.13%	3.00%	3.46%	3.46%	10.06%
Dec 2003	4.00%	7.80%	1.05%	1.90%	1.90%	4.98%
Jan 2004	2.61%	1.60%	2.57%	4.28%	4.28%	13.01%
Feb 2004	1.40%	2.50%	2.38%	0.83%	0.83%	1.75%
Mar 2004	-1.03%	0.45%	0.10%	0.81%	0.81%	1.24%
Apr 2004	-2.22%	-3.14%	-4.51%	-5.17%	-5.17%	-15.36%
May 2004	1.45%	0.46%	2.85%	1.40%	1.40%	5.62%
Jun 2004	2.03%	2.40%	3.66%	1.93%	1.93%	5.52%
Jul 2004	-3.56%	-3.56%	-2.91%	-6.80%	-6.80%	-19.72%
Aug 2004	0.06%	4.17%	4.17%	4.17%	9.54%	9.54%
Sep 2004	1.68%	0.95%	0.95%	0.95%	1.27%	1.27%
Oct 2004	1.80%	1.77%	1.77%	1.77%	1.89%	1.89%
Nov 2004	4.74%	7.23%	6.75%	17.79%	27.61%	27.61%
Dec 2004	3.43%	4.44%	3.81%	5.61%	8.30%	8.30%
Jan 2005	-2.50%	-1.67%	-2.35%	-8.44%	-12.69%	-12.69%
Feb 2005	2.09%	4.68%	3.49%	2.55%	2.55%	4.47%
Mar 2005	-1.87%	-2.93%	-0.46%	-1.59%	-1.59%	-3.83%
Apr 2005	-2.20%	-2.07%	-2.45%	-4.05%	-4.05%	-12.31%
May 2005	3.88%	3.14%	4.22%	3.45%	3.45%	6.95%
Jun 2005	0.76%	0.76%	3.28%	1.67%	1.67%	6.95%
Jul 2005	4.38%	-3.38%	-3.38%	-3.38%	-8.35%	-8.35%
Aug 2005	-1.09%	-1.09%	-0.59%	-1.95%	-1.95%	-3.95%
Sep 2005	0.79%	4.73%	1.15%	0.95%	0.95%	1.96%
Oct 2005	-2.35%	-3.37%	-3.03%	-3.03%	-3.03%	-7.56%
Nov 2005	4.62%	2.67%	5.43%	5.43%	5.43%	15.23%
Dec 2005	0.02%	5.14%	0.99%	0.99%	0.99%	1.71%
Jan 2006	3.22%	6.87%	5.81%	5.81%	5.81%	18.82%
Feb 2006	0.22%	-0.72%	-0.87%	-0.87%	-0.87%	-1.27%
Mar 2006	2.05%	3.17%	3.01%	4.72%	4.72%	14.49%
Apr 2006	0.96%	5.12%	-0.01%	-0.08%	-0.08%	-0.55%
May 2006	-3.22%	-4.45%	-2.07%	-5.69%	-5.69%	-16.78%
Jun 2006	0.13%	1.18%	1.18%	1.18%	1.20%	1.20%
Jul 2006	-0.12%	2.16%	2.16%	2.16%	2.34%	2.34%
Aug 2006	2.30%	3.06%	3.06%	3.06%	3.41%	3.41%
Sep 2006	2.26%	0.25%	1.37%	2.38%	2.38%	7.64%

Oct 2006	3.53%	4.00%	3.25%	3.25%	3.25%	9.89%
Nov 2006	2.33%	2.33%	3.29%	2.05%	2.05%	5.10%
Dec 2006	1.20%	3.09%	0.83%	1.39%	1.39%	3.97%
Jan 2007	1.86%	0.96%	3.14%	1.87%	1.87%	4.38%
Feb 2007	-1.62%	0.06%	0.61%	0.09%	0.09%	-6.65%
Mar 2007	1.12%	2.80%	1.29%	0.56%	0.56%	3.40%
Apr 2007	4.02%	3.92%	3.00%	4.20%	4.20%	9.38%
May 2007	3.72%	3.09%	3.32%	4.06%	4.06%	15.65%
Jun 2007	-1.76%	0.61%	-2.91%	-1.83%	-1.83%	-7.24%
Jul 2007	-3.53%	-1.06%	-2.32%	-2.32%	-2.32%	-13.52%
Aug 2007	1.47%	1.79%	1.79%	1.79%	5.05%	5.05%
Sep 2007	3.85%	6.38%	3.89%	3.89%	3.89%	10.77%
Oct 2007	1.79%	5.90%	2.56%	2.56%	2.56%	4.26%
Nov 2007	-4.52%	-4.57%	-4.38%	-4.38%	-4.38%	-13.90%
Dec 2007	-0.70%	-0.64%	-0.64%	-0.64%	-2.31%	-2.31%
Jan 2008	-6.17%	2.10%	2.10%	2.10%	2.91%	2.91%
Feb 2008	-2.50%	-0.46%	-0.46%	-0.46%	-3.49%	-3.49%
Mar 2008	-0.90%	2.14%	2.14%	2.14%	6.40%	6.40%
Apr 2008	4.89%	-2.48%	-2.48%	-2.48%	-4.93%	-4.93%
May 2008	2.02%	-2.69%	-2.69%	-2.69%	-3.80%	-3.80%
Jun 2008	-8.12%	2.65%	2.65%	2.65%	5.52%	5.52%
Jul 2008	-0.62%	-0.37%	-0.37%	-0.37%	-2.87%	-2.87%
Aug 2008	1.46%	2.74%	2.74%	2.74%	6.04%	6.04%
Sep 2008	-9.24%	1.47%	1.47%	1.47%	3.52%	3.52%
Oct 2008	-17.48%	-1.86%	-1.86%	-1.86%	-2.09%	-2.09%
Nov 2008	-8.01%	14.34%	14.34%	14.34%	23.14%	23.14%
Dec 2008	1.78%	13.64%	13.64%	13.64%	20.95%	20.95%
Jan 2009	-8.05%	-13.07%	-13.07%	-13.07%	-21.47%	-21.47%
Feb 2009	-10.53%	-1.54%	-1.54%	-1.54%	-1.39%	-1.39%
Mar 2009	8.26%	4.04%	4.04%	4.04%	5.00%	5.00%
Apr 2009	10.99%	-6.95%	-6.95%	-6.95%	-12.12%	-12.12%
May 2009	5.46%	14.35%	5.22%	5.80%	7.65%	10.98%
Jun 2009	0.36%	-1.32%	0.52%	5.54%	7.18%	-1.44%
Jul 2009	7.74%	9.96%	7.58%	17.01%	25.12%	26.78%
Aug 2009	3.71%	3.50%	3.25%	2.67%	2.88%	7.27%
Sep 2009	4.14%	5.15%	5.77%	5.56%	5.56%	16.83%
Oct 2009	-2.63%	-2.17%	-5.03%	-6.49%	-6.49%	-20.77%
Nov 2009	5.69%	3.86%	5.17%	5.98%	5.98%	18.79%
Dec 2009	2.86%	2.86%	5.13%	2.35%	2.35%	5.20%
Jan 2010	-3.57%	-3.57%	-2.76%	-3.99%	-3.99%	-10.67%
Feb 2010	3.44%	3.44%	4.81%	4.89%	4.89%	13.81%
Mar 2010	6.40%	6.40%	6.45%	6.45%	6.45%	21.80%
Apr 2010	2.18%	2.18%	4.41%	5.68%	5.68%	11.47%

May 2010	-7.88%	-7.88%	-7.72%	-7.54%	-7.54%	-24.15%
Jun 2010	-5.83%	5.80%	5.80%	5.80%	16.75%	16.75%
Jul 2010	7.02%	-0.95%	-0.95%	-0.95%	-2.24%	-2.24%
Aug 2010	-4.71%	-3.22%	-4.51%	-15.14%	-22.19%	-13.85%
Sep 2010	9.45%	-2.51%	-2.51%	-2.51%	-9.02%	-9.02%
Oct 2010	4.03%	3.55%	3.93%	12.94%	19.55%	11.23%
Nov 2010	0.51%	-4.52%	3.28%	-0.84%	-1.43%	5.01%
Dec 2010	6.96%	8.34%	6.19%	9.68%	14.81%	21.81%
Jan 2011	2.05%	2.05%	1.93%	-0.37%	-0.37%	-2.17%
Feb 2011	3.70%	3.70%	4.02%	4.02%	4.02%	10.99%
Mar 2011	0.42%	0.42%	1.66%	2.52%	2.52%	6.56%
Apr 2011	2.90%	2.90%	3.56%	2.64%	2.64%	7.56%
May 2011	-1.06%	-1.06%	-0.29%	-1.79%	-1.79%	-6.10%
Jun 2011	-1.79%	-1.79%	-1.70%	-1.70%	-1.70%	-7.35%
Jul 2011	-2.27%	-2.27%	-3.69%	-3.69%	-3.69%	-11.04%
Aug 2011	-6.09%	9.66%	9.66%	9.66%	27.34%	27.34%
Sep 2011	-7.57%	13.20%	13.20%	13.20%	23.80%	23.80%
Oct 2011	11.37%	-3.84%	-3.84%	-3.84%	-6.68%	-6.68%
Nov 2011	-0.37%	1.98%	1.98%	1.98%	3.46%	3.46%
Dec 2011	0.98%	3.44%	3.44%	3.44%	5.48%	5.48%
Jan 2012	5.07%	5.07%	4.90%	8.97%	13.90%	13.90%
Feb 2012	4.22%	4.22%	4.29%	8.45%	13.24%	13.24%
Mar 2012	3.06%	3.06%	3.15%	6.71%	9.29%	9.29%
Apr 2012	-0.64%	-0.64%	-0.03%	-1.62%	-1.62%	-5.84%
May 2012	-6.23%	-6.23%	-6.10%	-6.10%	-6.10%	-17.35%
Jun 2012	4.05%	4.05%	3.84%	3.84%	3.84%	11.47%
Jul 2012	0.88%	0.88%	1.01%	1.01%	1.01%	3.52%
Aug 2012	2.70%	2.70%	2.46%	2.46%	2.46%	6.53%
Sep 2012	2.49%	2.49%	2.62%	2.62%	2.62%	7.52%
Oct 2012	-1.81%	-1.81%	-1.77%	-1.77%	-1.77%	-5.96%
Nov 2012	0.77%	2.06%	1.09%	0.88%	0.88%	1.01%
Dec 2012	1.29%	4.88%	2.68%	1.18%	1.18%	6.05%
Jan 2013	5.42%	2.40%	7.46%	6.24%	6.24%	23.23%
Feb 2013	1.28%	-1.14%	1.70%	1.00%	1.00%	2.09%
Mar 2013	3.95%	0.93%	4.19%	4.66%	4.66%	14.63%
Apr 2013	1.61%	1.61%	1.32%	-0.35%	-0.35%	0.99%
May 2013	2.44%	2.44%	1.71%	2.60%	2.60%	6.05%
Jun 2013	-1.43%	-1.43%	-1.40%	-0.82%	-0.82%	-3.91%
Jul 2013	5.75%	5.75%	5.50%	7.33%	7.33%	23.24%
Aug 2013	-3.03%	-3.03%	-2.02%	-3.16%	-3.16%	-9.41%
Sep 2013	3.90%	3.90%	5.07%	5.07%	5.07%	20.00%
Oct 2013	4.27%	3.67%	2.62%	2.42%	2.42%	6.73%
Nov 2013	2.70%	2.70%	2.14%	3.96%	3.96%	11.70%

Dec 2013	2.73%	2.73%	2.70%	2.02%	2.02%	5.62%
Jan 2014	-3.17%	-3.17%	-2.25%	-2.77%	-2.77%	-8.70%
Feb 2014	4.87%	4.87%	6.26%	6.26%	6.26%	14.20%
Mar 2014	0.51%	0.51%	-1.84%	-1.84%	-1.84%	0.55%
Apr 2014	0.06%	0.06%	0.41%	0.46%	0.46%	1.65%
May 2014	2.10%	2.10%	1.68%	2.27%	2.27%	6.62%
Jun 2014	2.62%	2.62%	3.48%	2.29%	2.29%	6.23%
Jul 2014	-1.99%	-1.99%	-3.01%	-1.62%	-1.62%	-12.96%
Aug 2014	4.15%	1.16%	4.07%	4.07%	4.07%	11.95%
Sep 2014	-2.10%	-2.10%	-3.81%	-1.72%	-1.72%	-4.44%
Oct 2014	2.75%	2.75%	2.39%	2.39%	2.39%	6.03%
Nov 2014	2.48%	2.48%	3.31%	3.31%	3.31%	8.34%
Dec 2014	-0.04%	-0.04%	-0.30%	-0.30%	-0.30%	-1.54%
Jan 2015	-2.74%	-2.74%	-2.69%	-3.28%	-3.28%	-10.35%
Feb 2015	5.74%	5.74%	6.86%	6.86%	6.86%	15.40%
Mar 2015	-1.16%	-1.16%	0.17%	0.17%	0.17%	4.73%
Apr 2015	0.62%	0.62%	-0.69%	-2.56%	-2.56%	-7.93%
May 2015	1.30%	-0.91%	1.19%	1.19%	1.19%	4.92%
Jun 2015	-1.67%	-2.73%	-1.59%	0.78%	0.78%	1.93%
Jul 2015	1.70%	-0.56%	1.60%	-1.10%	-1.10%	-3.86%
Aug 2015	-6.09%	-6.09%	-5.86%	-5.86%	-5.86%	-18.87%
Sep 2015	-2.92%	1.97%	1.97%	1.97%	5.10%	5.10%
Oct 2015	7.91%	-0.41%	-0.41%	-0.41%	-0.41%	-0.41%
Nov 2015	0.60%	0.60%	0.41%	0.41%	0.41%	0.81%
Dec 2015	-2.13%	-2.13%	-1.92%	-1.92%	-1.92%	-6.06%
Jan 2016	-5.72%	-5.72%	-5.44%	-5.44%	-5.44%	-15.38%
Feb 2016	-0.01%	3.09%	3.09%	3.09%	8.71%	8.71%
Mar 2016	7.11%	-0.09%	-0.09%	-0.09%	-0.19%	-0.19%
Apr 2016	0.66%	0.66%	2.10%	0.53%	0.53%	2.89%
May 2016	1.73%	1.73%	1.70%	1.67%	1.67%	6.22%
Jun 2016	0.27%	0.27%	0.87%	0.27%	0.27%	-0.16%
Jul 2016	3.98%	3.98%	4.14%	3.79%	3.79%	12.87%
Aug 2016	0.21%	0.21%	-0.19%	1.78%	1.78%	5.07%
Sep 2016	0.21%	0.21%	0.38%	1.08%	1.08%	2.19%
Oct 2016	-2.19%	-1.91%	-2.41%	-4.60%	-4.60%	-13.74%
Nov 2016	4.49%	4.49%	6.25%	11.06%	11.06%	35.56%
Dec 2016	1.98%	1.98%	1.76%	2.89%	2.89%	8.55%
Jan 2017	1.86%	1.86%	1.65%	0.28%	0.28%	-0.17%
Feb 2017	3.69%	3.69%	2.75%	1.93%	1.93%	5.32%
Mar 2017	0.06%	0.06%	0.09%	0.03%	0.03%	-0.43%
Apr 2017	1.06%	1.06%	1.04%	1.04%	1.04%	1.62%
May 2017	1.01%	1.01%	2.37%	-1.97%	-1.97%	-6.40%
Jun 2017	0.95%	0.63%	0.23%	0.23%	0.23%	1.51%

Jul 2017	1.88%	3.37%	1.68%	1.68%	1.68%	5.87%
Aug 2017	0.15%	0.54%	0.65%	0.65%	0.65%	0.21%
Sep 2017	2.44%	1.88%	2.82%	2.82%	2.82%	5.69%
Oct 2017	2.17%	2.03%	2.83%	0.73%	0.73%	1.86%
Nov 2017	3.03%	0.63%	3.30%	3.30%	3.30%	8.87%
Dec 2017	1.16%	1.16%	0.53%	-0.40%	-0.40%	-2.27%
Jan 2018	5.23%	5.23%	5.60%	5.60%	5.60%	18.22%
Feb 2018	-3.76%	-3.76%	-3.15%	-3.15%	-3.15%	-13.53%
Mar 2018	-1.95%	-1.95%	-0.13%	-0.13%	-0.13%	-8.69%
Apr 2018	0.45%	0.45%	-0.99%	-0.99%	-0.99%	-2.03%
May 2018	2.72%	2.72%	3.77%	6.16%	6.16%	18.53%
Jun 2018	0.70%	0.70%	0.32%	0.61%	0.61%	1.20%
Jul 2018	3.32%	3.32%	2.14%	1.65%	1.65%	4.47%
Aug 2018	3.43%	3.43%	5.75%	4.31%	4.31%	12.58%
Sep 2018	0.20%	0.20%	-0.44%	-2.32%	-2.32%	-7.31%
Oct 2018	-7.41%	-7.41%	-7.09%	-7.09%	-7.09%	-20.78%
Nov 2018	2.01%	1.79%	1.79%	1.79%	4.76%	4.76%
Dec 2018	-9.16%	5.85%	5.85%	5.85%	8.08%	8.08%
Jan 2019	8.54%	0.38%	0.38%	0.38%	0.18%	0.18%
Feb 2019	3.56%	-1.38%	-1.38%	-1.38%	-1.77%	-1.77%
Mar 2019	1.42%	5.57%	5.57%	5.57%	7.50%	7.50%
Apr 2019	3.93%	3.93%	4.37%	4.37%	4.37%	11.81%
May 2019	-6.45%	-6.45%	-5.73%	-5.73%	-5.73%	-18.89%
Jun 2019	7.08%	0.95%	0.95%	0.95%	1.91%	1.91%
Jul 2019	1.41%	1.41%	2.27%	2.27%	2.27%	3.80%
Aug 2019	-2.08%	-2.08%	-1.84%	-1.84%	-1.84%	-6.62%
Sep 2019	1.78%	1.78%	-1.13%	-1.13%	-1.13%	5.30%
Oct 2019	2.11%	2.11%	2.10%	2.10%	2.10%	5.70%
Nov 2019	3.79%	0.99%	3.81%	3.81%	3.81%	10.73%
Dec 2019	2.80%	2.80%	2.80%	2.80%	2.80%	8.38%
Jan 2020	-0.06%	-0.06%	0.12%	0.12%	0.12%	-0.91%
Feb 2020	-8.00%	-8.00%	-8.07%	-8.07%	-8.07%	-23.04%
Mar 2020	-13.91%	6.38%	6.38%	6.38%	11.90%	11.90%
Apr 2020	13.13%	1.22%	1.22%	1.22%	2.35%	2.35%
May 2020	5.40%	-1.76%	-1.76%	-1.76%	-3.23%	-3.23%
Jun 2020	2.29%	2.95%	2.40%	12.34%	17.98%	3.23%
Jul 2020	5.74%	11.69%	8.08%	14.89%	22.25%	17.70%
Aug 2020	7.10%	14.29%	2.73%	22.77%	35.17%	22.05%
Sep 2020	-3.54%	-7.97%	-3.69%	-3.69%	-3.69%	-12.26%
Oct 2020	-1.95%	-5.38%	0.12%	0.12%	0.12%	-8.48%
Nov 2020	11.80%	22.51%	13.33%	13.33%	13.33%	62.37%
Dec 2020	4.68%	5.86%	4.75%	8.65%	8.65%	27.14%
Jan 2021	-0.33%	0.25%	-0.38%	4.85%	4.85%	13.49%

 Feb 2021
 3.14%
 2.30%
 7.66%
 6.20%
 6.20%
 17.86%

 Mar 2021
 3.65%
 1.87%
 5.33%
 1.39%
 1.39%
 1.23%