

Table S1 T-scores matrix of PCA models built with 10 components on 20 samples for Ditta, MN 1404 05 and ISCI F488 (from top to bottom) with a confident range of 0.05. t- values, cumulative variance and total variance explained for each PCA model are also reported.

DITTA										
samples	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10
1	-13.6807	1.501	0.3822	0.9288	0.4004	0.6328	-0.6238	-0.1196	0.2578	-0.4979
2	-12.0618	0.1286	-1.045	0.196	-0.1132	0.274	-0.2122	0.7439	-0.7657	-0.0705
3	-12.1705	-0.8587	-1.0435	0.3957	-0.8389	-1.0558	-0.4238	-0.0863	0.1977	-0.2082
4	-12.4354	-0.2489	-0.1787	0.7397	-0.4514	0.4591	0.162	-0.196	0.083	0.1433
5	-12.6825	0.3253	-0.2821	0.4507	0.8726	0.387	0.2779	-0.5274	-0.227	-0.2801
6	-12.8284	-0.3704	1.1141	0.4129	-0.6915	0.2654	-0.6448	-0.4796	-0.1074	0.285
7	-11.6971	-1.7679	-0.4474	-1.5332	-0.2661	-0.5045	0.2065	-0.3602	-0.1676	-0.3922
8	-12.5518	0.8534	-0.2116	0.1055	-0.2262	0.3506	0.4421	-0.0331	-0.1182	-0.1255
9	-12.4424	0.7412	-0.9908	0.2512	-0.145	0.2334	0.2148	-0.4071	-0.0404	0.2859
10	-12.1625	-0.3824	-0.9691	0.9069	-0.0483	-0.0406	-0.0353	-0.1196	-0.0227	0.2224
11	-11.9701	-1.7367	0.9283	-0.5215	-0.8429	0.4187	-0.4361	0.4083	-0.0694	-0.0115
12	-12.0114	-0.9548	0.3158	0.1147	-0.142	0.0231	0.684	-0.2384	-0.0176	0.1273
13	-12.1996	-1.4234	1.0216	-0.3529	0.3627	0.4656	0.5694	0.3351	0.0152	0.0484
14	-12.5837	1.1914	-1.8959	-1.9495	0.3306	0.6473	-0.3391	0.1328	0.3972	0.1931
15	-12.16	-0.5457	-0.5033	0.7552	0.0815	-0.6265	0.5032	0.4644	0.2641	0.0126
16	-12.2971	-1.5096	1.1279	-0.3517	-0.2163	0.3435	0.2218	0.2539	0.3899	-0.1213
17	-14.386	4.7358	1.0709	-0.0043	0.1644	-0.5601	-0.0368	0.3641	0.0281	0.0772
18	-12.1927	-1.2934	-0.3535	0.9014	0.5654	-0.452	-0.0777	0.2964	0.1768	0.0702
19	-13.5069	2.5178	0.8751	-1.0216	-0.2699	-0.6658	0.2163	-0.2565	-0.1482	0.0377
20	-12.3267	-2.3571	0.7634	-0.4813	1.389	-0.5842	-0.5832	-0.1462	-0.1588	0.2159
t-values	0.4232	0.5172	0.0341	0.4474	0.1617	0.1934	0.0731	0.9076	0.4892	0.1199
Cum. Var.	0.1824	0.3483	0.4607	0.5581	0.642	0.6993	0.7499	0.7919	0.8288	0.8563
Var. Expl.	0.1824	0.1659	0.1124	0.0974	0.0839	0.0573	0.0506	0.042	0.0369	0.0275

MN 1404 05										
samples	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10
1	-0.8545	9.0235	-7.6611	-7.5409	2.1807	1.4845	-1.1544	1.1337	-4.3067	1.7174
2	-0.6939	0.189	-1.3639	-4.0257	5.3654	-4.2819	-4.6823	2.1534	2.5957	-3.0123
3	-0.7535	7.9583	4.354	0.92	1.7312	1.4688	1.8904	-3.4207	1.1947	0.3246
4	-0.2479	2.9054	1.742	3.6321	4.1571	-1.3987	3.9178	3.8938	0.7468	4.5676

5	10.5344	-0.0283	-3.456	5.8201	5.0792	-1.2706	-0.4381	-4.0474	-2.1959	-3.0709
6	-0.5116	5.6913	5.6609	3.5478	-3.5756	6.3171	-5.256	-0.1487	-2.4915	-1.1195
7	-2.525	2.7612	7.2556	-2.0901	0.0154	-0.9343	2.4131	6.3526	-2.0725	-3.4925
8	3.1471	5.2259	6.2467	3.3177	-1.2203	-2.9361	-0.701	-0.6779	2.1067	-1.3909
9	-0.9901	5.2877	-0.7168	-0.2506	-3.5344	-0.2334	3.4376	-3.1225	0.6505	3.4709
10	-6.0157	0.1249	1.964	-5.4559	0.0624	-4.7972	-3.531	-3.8961	-0.9197	2.0507
11	-5.6252	-6.0842	2.3395	-4.7366	4.2514	5.7994	3.9875	-1.3789	-0.922	-1.1313
12	4.773	-8.3147	2.0731	-5.1492	-6.728	-3.7256	3.0691	-0.0638	-1.0434	-1.1487
13	2.9939	-4.0044	-7.187	2.2521	-1.9867	3.5917	-1.2957	4.392	0.7698	0.3963
14	-15.7317	1.9579	-7.1904	7.4757	-3.2977	-2.7278	1.7616	0.1141	-0.4076	-2.5812
15	2.624	-10.604	2.87	5.2863	3.5187	-0.9364	-0.5081	0.3442	-3.5765	2.9966
16	11.7629	1.9386	-4.3047	-1.2961	-3.3495	-0.6768	2.5266	-0.6478	-1.5951	-1.4325
17	6.3018	2.7776	-1.4672	-0.6595	-0.1072	0.6923	-0.4471	1.9747	6.0583	1.7185
18	0.6032	-4.7621	0.7474	-1.3662	-3.2255	3.4789	-3.2567	-0.6443	2.0287	0.6409
19	-4.1614	-6.056	0.0631	1.4948	-1.5008	-1.7317	-3.6484	0.4628	-0.4647	2.6879
20	-4.6297	-5.9877	-1.9692	-1.1758	2.1641	2.8179	1.9151	-2.7731	3.8443	-2.1915
t-values	0.9387	0.0004	0.16	0.8251	0.1901	0.3679	0.5481	0.7847	0.4227	0.9936
Cum. Var.	0.2029	0.3745	0.4813	0.575	0.6402	0.6956	0.7434	0.7864	0.8217	0.8535
Var. Expl.	0.2029	0.1716	0.1068	0.0937	0.0652	0.0554	0.0478	0.043	0.0353	0.0318

ISCI F488

samples	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10
1	-1.7555	-2.0891	2.7865	1.0916	-4.2265	2.1555	-0.7536	2.9556	-4.6649	1.5508
2	0.6357	10.8111	-3.8859	6.7732	2.1975	-3.8673	2.6521	-0.7623	2.7416	2.2929
3	5.8958	-2.0632	15.6571	2.0992	6.4055	-2.3679	2.369	1.4509	1.0968	-0.8028
4	0.5887	7.4632	3.8347	-9.6429	-4.5277	-0.0658	0.6673	-3.9944	2.0656	-2.483
5	-4.1554	-0.8531	-2.0652	-3.3922	2.1807	-1.6603	1.3406	1.2257	-3.4934	-2.0732
6	-1.1129	1.5894	0.4208	-4.4854	-1.6264	-6.5933	-0.8968	-3.0157	-3.9521	1.4989
7	-14.6539	-3.4439	2.7972	7.4983	0.8525	2.8035	-0.5967	-4.5066	-0.0602	-1.3008
8	-6.0266	5.6148	0.8375	-3.1675	3.9125	1.8451	-1.9544	5.3932	0.3311	1.7404
9	-9.7216	1.8409	-2.947	-3.3794	2.9667	0.228	-3.1946	3.617	1.579	-0.0708
10	-8.9749	0.6504	4.4828	3.3369	-8.4107	-1.2864	1.2809	0.8426	0.4114	0.0044
11	3.3867	2.4976	-1.381	-0.6382	0.953	4.6872	-2.8892	-1.7138	2.2758	-2.8971
12	6.7889	7.2446	-3.6232	3.6411	-0.0776	3.1126	3.9808	0.3819	-2.9782	0.6318
13	4.8961	-4.6138	-0.9881	-1.9644	-5.6047	4.4631	3.7712	2.059	2.1143	2.6584
14	7.3125	-2.8735	-4.6559	5.871	-3.6482	-6.0568	-3.531	2.9558	0.5581	-3.8406
15	-1.9241	-4.6482	-6.5955	-1.3352	4.0251	1.1078	5.105	-0.3878	-1.0061	-4.6427

16	9.0186	-1.0429	2.229	0.8205	-0.7434	2.4937	-1.6807	0.3922	-0.8019	-1.5918
17	-0.5923	-6.9334	-2.3593	-2.3783	-1.0597	-2.3947	0.6842	0.5401	5.4587	1.3549
18	7.1302	0.6438	0.468	0.6529	1.0413	2.4855	-5.3687	-2.1879	-0.9387	1.0116
19	0.3445	-3.4493	-2.9385	3.1481	2.0035	0.7798	-1.4673	-3.4416	0.3582	3.6595
20	2.9194	-6.3456	-2.0739	-4.5492	3.3867	-1.8691	0.482	-1.8039	-1.0949	3.2993
<i>t-values</i>	0.0026	0.0691	0.0351	0.7455	0.9748	0.2296	0.8865	0.6079	0.4936	0.9487
<i>Cum. Var.</i>	0.2207	0.3489	0.473	0.576	0.6533	0.71	0.7516	0.7914	0.8255	0.8566
<i>Var. Expl.</i>	0.2207	0.1282	0.1241	0.103	0.0773	0.0567	0.0416	0.0398	0.0341	0.0311