Harvard Forest Data Archive HF253-01

Data File:

Name = hf253-01-elevation.csv
Description = elevation
Rows = 14241 Columns = 146
MD5 checksum = 4bedfe039da56388531f2349596ea7b3

Variables:

col.x = x coordinate, matching gx of plot coordinate system in Tree
   and Stem
 tables, where called gx (meter)
col.y = y coordinate, matching gy of plot coordinate system in Tree
   and Stem
 tables (meter)
col.elev = elevation; in some plots, it is absolute elevation
   above-sea-level, but in
 other plots, relative elevation (meter)
mat.1 = matrix of elevation data in format needed by map, image,
   contour
       programs. The columns of the matrix are columns in the plot (x
   dimension), and rows of the matrix are rows in the plot (y dimension). Most
   plots have elevation recorded over a grid of 5x5 m, so the dimensions
   of the matrix [dim(elev$mat)] are 1+ydim/5, 1+xdim/5, with the 1
   added because the elevation is recorded at all plot edges.
   Counterintuitively, image and contour functions of R require this matrix be
   transposed for the map to be right, ie, image(t(elev$mat)) works but
   image(elev$mat) is a faulty reflection of reality. (meter)
mat.2 = matrix of elevation data in format needed by map, image,
   contour
 programs (meter)
mat.3 = matrix of elevation data in format needed by map, image,
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mat.4 = matrix of elevation data in format needed by map, image,
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xdim = plot x dimension, corresponding to plot and matrix
 columns
   (meter)
ydim = plot y dimension, corresponding to plot and matrix
 rows
   (meter)
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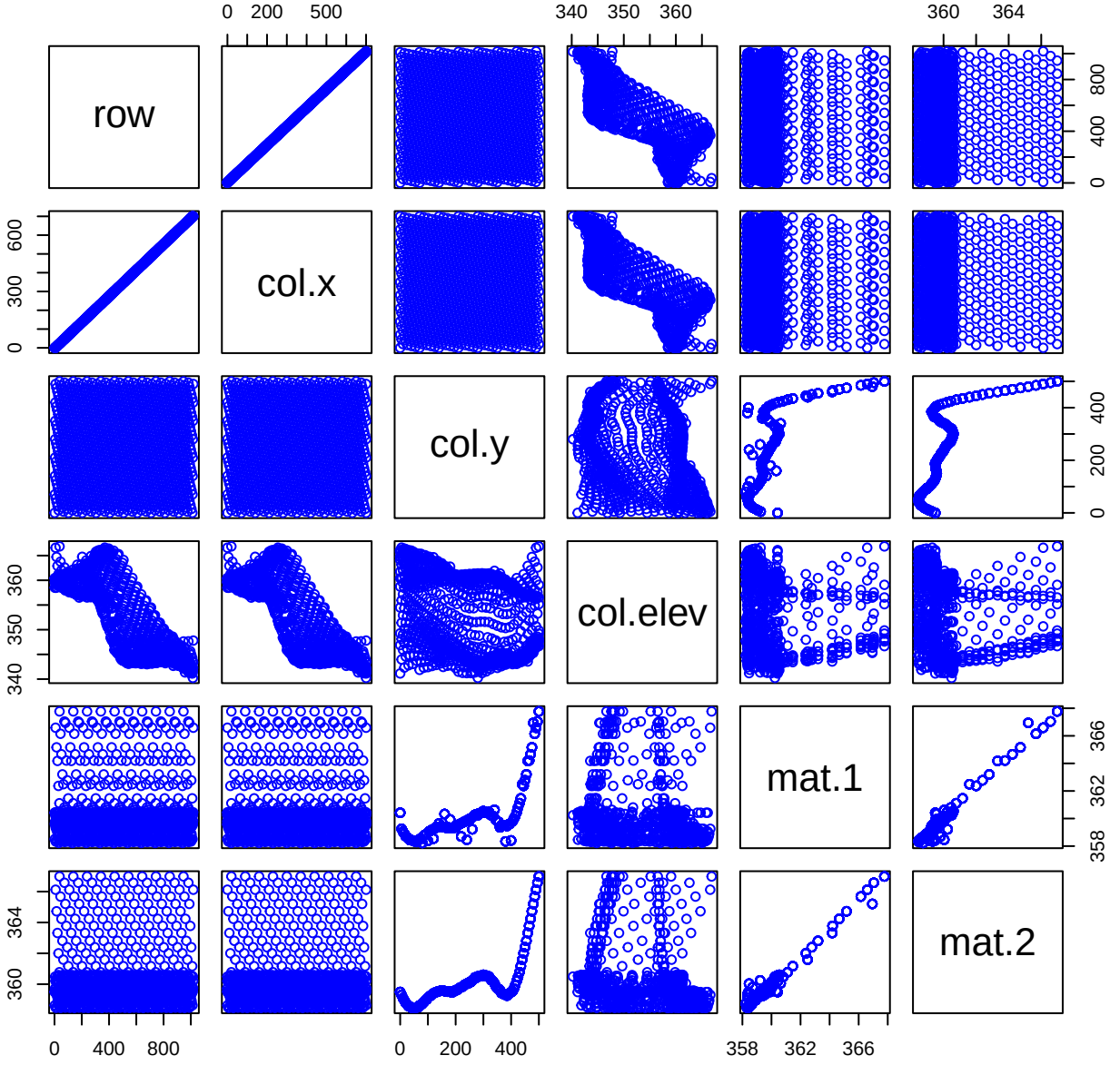
Variable	Min	Median	Mean	Max	NAs
col.x	0.000	350.000	350.000	700.000	0
col.y	0.000	250.000	250.000	500.000	0
col.elev	340.240	351.345	352.421	367.770	0
mat.1	358.230	359.606	360.196	367.770	0
mat.2	358.462	359.594	360.211	366.979	0
mat.3	358.566	359.733	360.211	366.486	0
mat.4	358.689	359.875	360.209	365.997	0
mat.5	358.080	360.005	360.230	366.860	0
mat.6	358.670	360.142	360.201	364.981	0
mat.7	358.509	360.252	360.201	364.469	0
mat.8	358.347	360.273	360.201	363.977	0
mat.9	357.940	360.312	360.192	364.200	0
mat.10	358.028	360.419	360.203	362.963	0
mat.11	357.950	360.471	360.208	362.470	0
mat.12	357.813	360.573	360.216	362.007	0
mat.13	357.748	360.556	360.210	361.610	0
mat.14	357.653	360.669	360.246	361.519	0
mat.15	357.566	360.709	360.258	361.750	0
mat.16	357.489	360.803	360.273	361.948	0
mat.17	357.300	360.881	360.276	362.500	0
mat.18	357.384	360.968	360.326	362.384	0
mat.19	357.285	361.018	360.343	362.548	0
mat.20	357.191	361.033	360.363	362.737	0
mat.21	356.670	361.030	360.365	363.630	0
mat.22	357.037	361.016	360.393	363.086	0
mat.23	357.005	361.024	360.409	363.215	0
mat.24	356.950	361.017	360.424	363.378	0
mat.25	356.500	361.025	360.456	364.280	0
mat.26	356.777	361.003	360.441	363.597	0
mat.27	356.692	360.972	360.447	363.699	0
mat.28	356.665	360.963	360.449	363.832	0
mat.29	356.380	360.953	360.486	364.750	0
mat.30	356.793	360.868	360.479	364.057	0
mat.31	356.702	360.779	360.481	364.192	0
mat.32	356.714	360.691	360.476	364.295	0
mat.33	356.520	360.609	360.474	364.310	0
mat.34	356.848	360.450	360.527	364.559	0
mat.35	356.810	360.294	360.516	364.709	0
mat.36	356.762	360.101	360.501	364.806	0
mat.37	356.380	360.030	360.405	364.771	0
mat.38	356.738	359.961	360.509	365.089	0
mat.39	356.627	359.810	360.465	365.236	0
mat.40	356.477	359.698	360.415	365.339	0
mat.41	355.950	359.486	360.338	365.379	0
mat.42	356.301	359.544	360.333	365.634	0
mat.43	356.052	359.400	360.239	365.784	0
mat.44	355.704	359.227	360.127	365.902	0
mat.45	354.650	358.936	360.117	366.520	0
mat.46	354.848	358.879	359.925	366.194	0

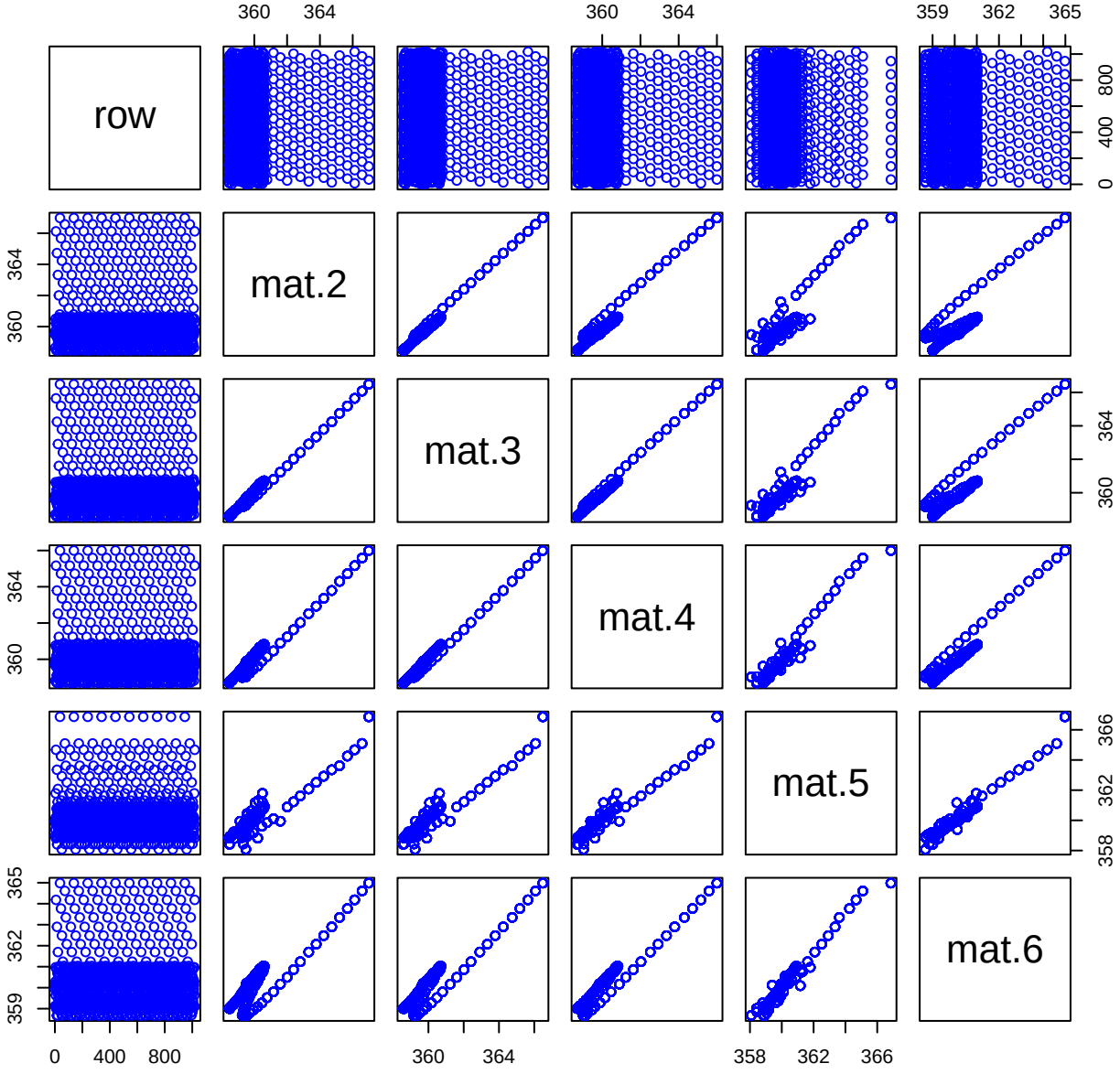
Variable	Min	Median	Mean	Max	NAs
mat.47	354.395	358.589	359.759	366.317	0
mat.48	353.899	358.421	359.566	366.386	0
mat.49	353.280	358.217	359.452	366.475	0
mat.50	352.690	357.940	359.127	366.611	0
mat.51	352.133	357.744	358.852	366.709	0
mat.52	351.593	357.446	358.553	366.715	0
mat.53	350.020	356.945	358.250	366.720	0
mat.54	350.339	356.666	357.839	366.804	0
mat.55	349.774	356.317	357.457	366.838	0
mat.56	349.182	355.858	357.055	366.778	0
mat.57	347.270	355.310	356.642	366.622	0
mat.58	347.978	354.846	356.107	366.678	0
mat.59	347.429	354.339	355.661	366.624	0
mat.60	346.871	353.788	355.204	366.479	0
mat.61	343.930	353.271	354.732	366.410	0
mat.62	345.870	352.672	354.192	366.273	0
mat.63	345.460	352.065	353.742	366.110	0
mat.64	345.061	351.521	353.298	365.937	0
mat.65	343.790	350.875	352.720	366.250	0
mat.66	344.383	350.367	352.389	365.579	0
mat.67	344.102	349.797	351.979	365.305	0
mat.68	343.872	349.322	351.592	365.064	0
mat.69	343.681	348.810	351.112	365.520	0
mat.70	343.549	348.255	350.861	364.462	0
mat.71	343.379	347.776	350.524	364.111	0
mat.72	343.242	347.556	350.210	363.796	0
mat.73	343.215	347.270	349.864	363.960	0
mat.74	343.140	347.280	349.653	363.050	0
mat.75	343.108	347.043	349.398	362.669	0
mat.76	343.070	346.975	349.159	362.308	0
mat.77	343.118	346.876	348.979	362.470	0
mat.78	343.050	346.687	348.771	361.549	0
mat.79	343.036	346.574	348.579	361.146	0
mat.80	342.968	346.368	348.400	360.769	0
mat.81	343.229	346.339	348.317	360.630	0
mat.82	343.228	346.252	348.157	360.125	0
mat.83	343.194	346.200	348.006	359.743	0
mat.84	343.182	345.955	347.864	359.388	0
mat.85	343.179	346.099	347.793	358.720	0
mat.86	343.178	345.935	347.659	358.709	0
mat.87	343.135	345.759	347.537	358.359	0
mat.88	343.122	345.676	347.426	358.014	0
mat.89	343.066	345.509	347.301	357.447	0
mat.90	343.102	345.659	347.231	357.351	0
mat.91	343.035	345.533	347.129	357.066	0
mat.92	343.002	345.435	347.038	356.746	0
mat.93	342.971	345.311	346.929	356.217	0
mat.94	343.018	345.317	346.911	356.152	0
mat.95	343.000	345.195	346.839	355.832	0
mat.96	343.021	345.153	346.772	355.504	0
mat.97	343.071	345.315	346.759	355.660	0

Variable	Min	Median	Mean	Max	NAs
mat.98	343.126	345.102	346.677	354.843	0
mat.99	343.121	345.074	346.619	354.489	0
mat.100	343.144	345.041	346.562	354.159	0
mat.101	343.129	345.200	346.511	353.727	0
mat.102	343.178	345.048	346.465	353.471	0
mat.103	343.196	345.051	346.407	353.101	0
mat.104	343.181	345.098	346.352	352.786	0
mat.105	343.200	345.195	346.280	352.373	0
mat.106	343.283	345.207	346.263	352.077	0
mat.107	343.318	345.207	346.202	351.737	0
mat.108	343.349	345.240	346.138	351.433	0
mat.109	343.100	345.260	346.148	352.250	0
mat.110	343.446	345.221	346.021	350.850	0
mat.111	343.458	345.167	345.949	350.569	0
mat.112	343.471	345.123	345.871	350.271	0
mat.113	342.860	345.145	345.756	349.984	0
mat.114	343.490	345.004	345.712	349.763	0
mat.115	343.461	345.013	345.628	349.459	0
mat.116	343.420	345.038	345.545	349.214	0
mat.117	342.680	345.195	345.432	349.037	0
mat.118	343.293	345.011	345.396	348.886	0
mat.119	343.237	344.997	345.303	348.670	0
mat.120	343.154	344.968	345.210	348.455	0
mat.121	342.470	344.960	345.128	348.590	0
mat.122	343.059	344.868	345.023	348.196	0
mat.123	342.987	344.818	344.918	347.973	0
mat.124	342.873	344.729	344.813	347.734	0
mat.125	342.460	344.540	344.713	349.170	0
mat.126	342.661	344.594	344.585	347.285	0
mat.127	342.583	344.450	344.472	347.239	0
mat.128	342.515	344.373	344.358	347.318	0
mat.129	341.720	343.990	344.257	349.920	0
mat.130	342.297	344.126	344.141	347.541	0
mat.131	342.197	343.983	344.012	347.614	0
mat.132	342.091	343.816	343.877	347.658	0
mat.133	341.350	343.654	343.766	348.990	0
mat.134	341.782	343.482	343.599	347.862	0
mat.135	341.643	343.322	343.455	347.953	0
mat.136	341.479	343.170	343.307	348.022	0
mat.137	340.730	343.012	343.143	347.725	0
mat.138	341.129	342.813	343.001	348.244	0
mat.139	340.931	342.554	342.851	348.355	0
mat.140	340.735	342.278	342.705	348.461	0
mat.141	340.240	341.938	342.539	348.920	0
xdim	700.000	700.000	700.000	700.000	0
ydim	500.000	500.000	500.000	500.000	0

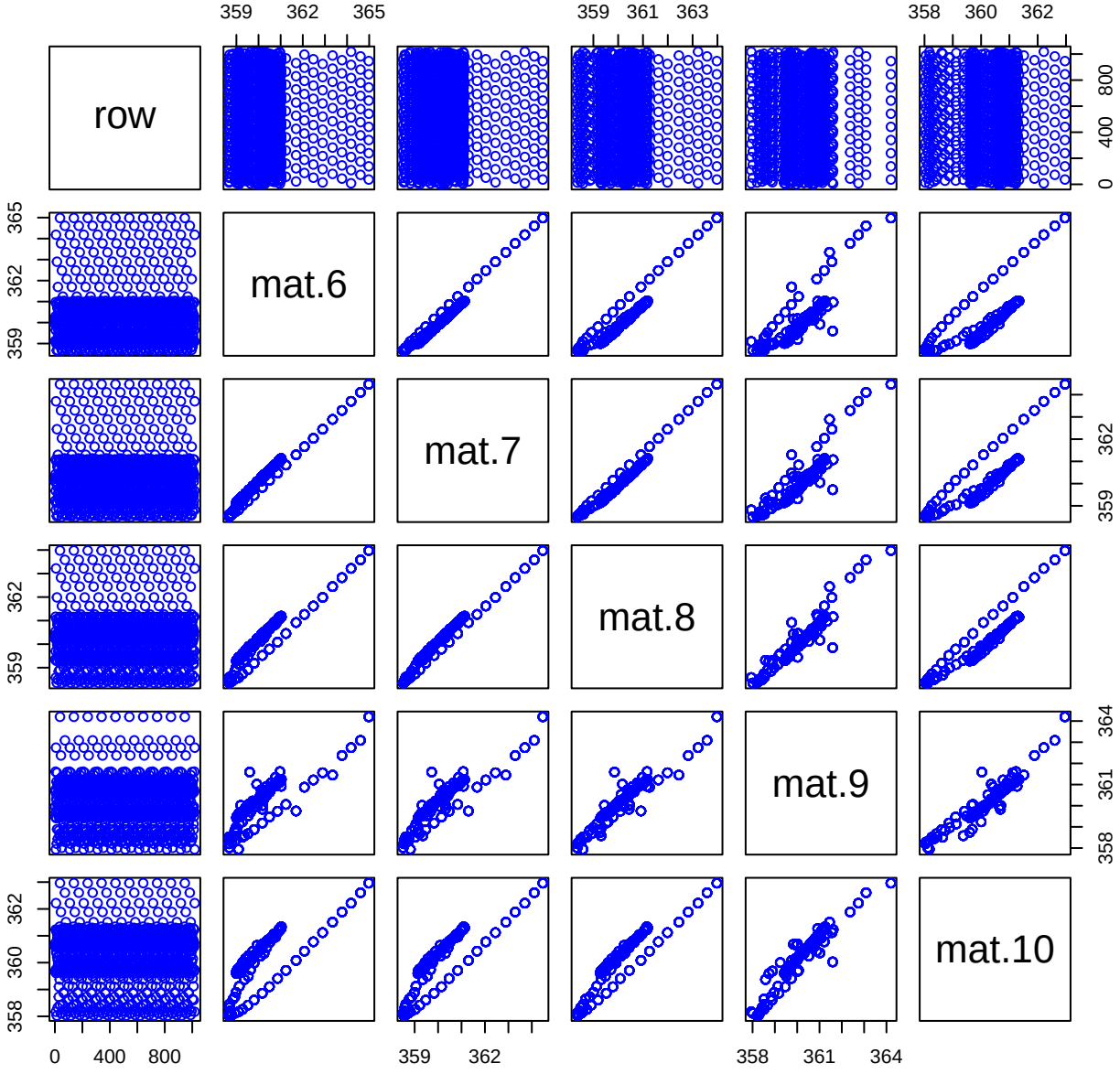
HF253−01 Plot 1



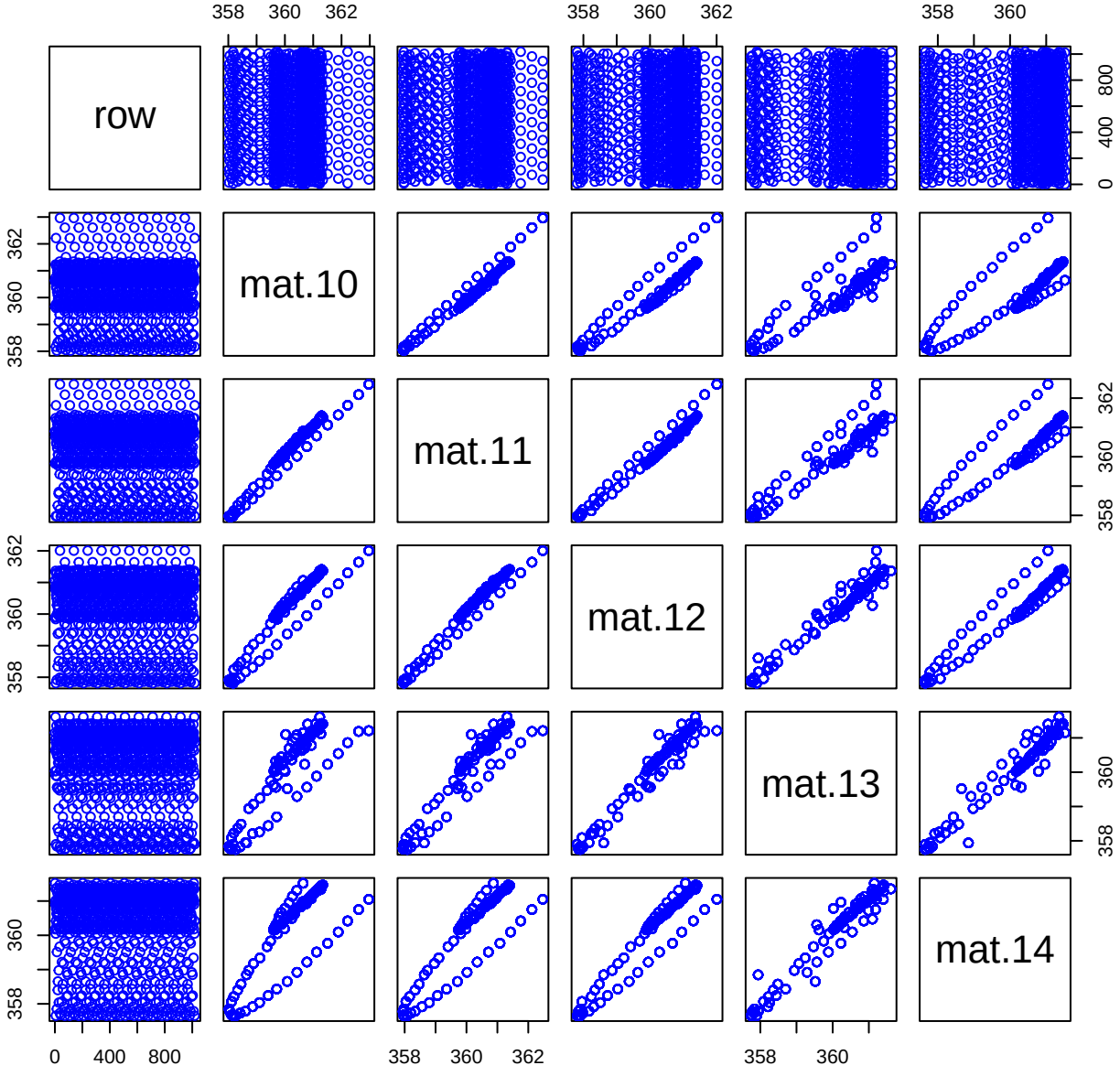
HF253−01 Plot 2



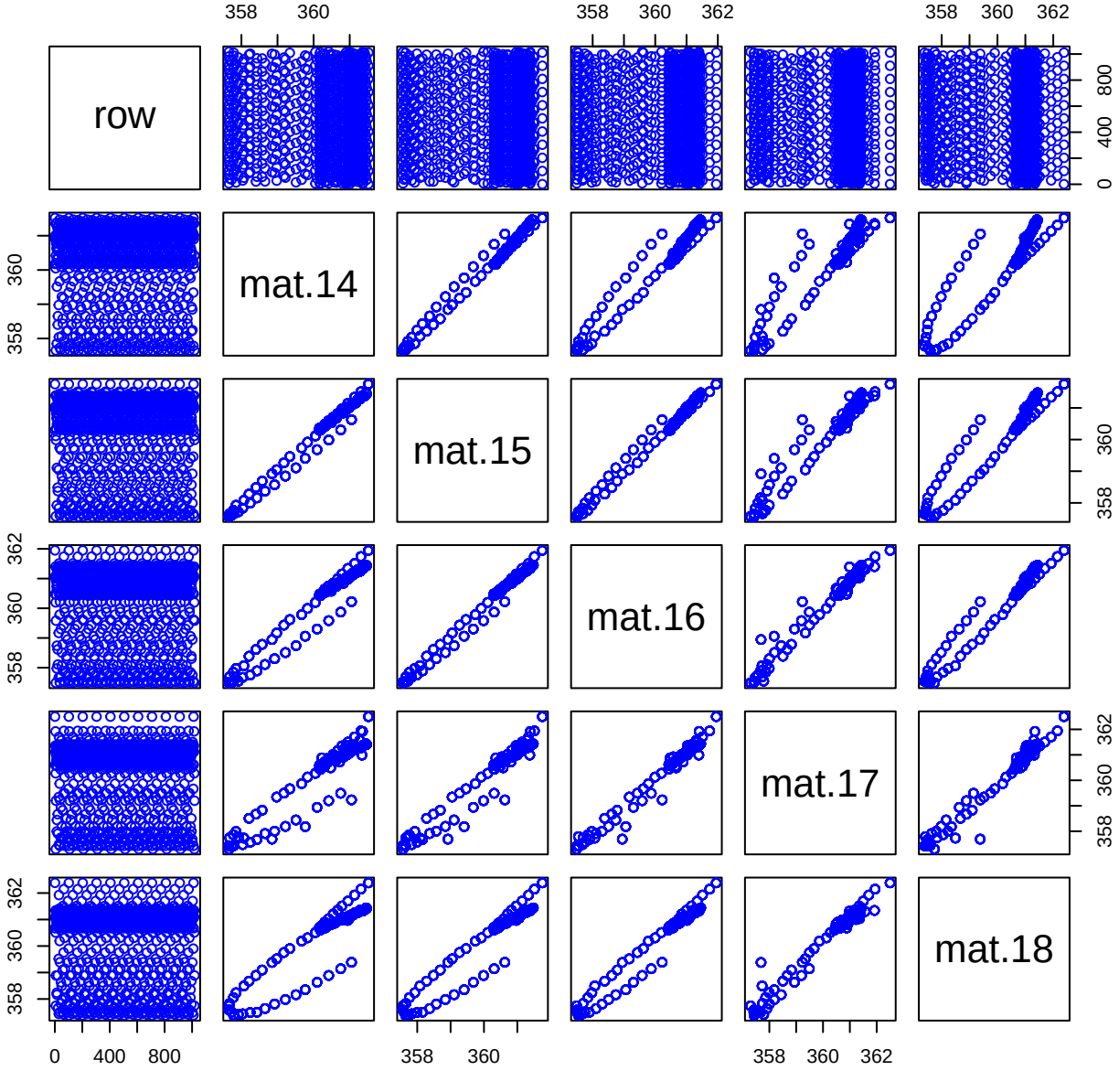
HF253−01 Plot 3



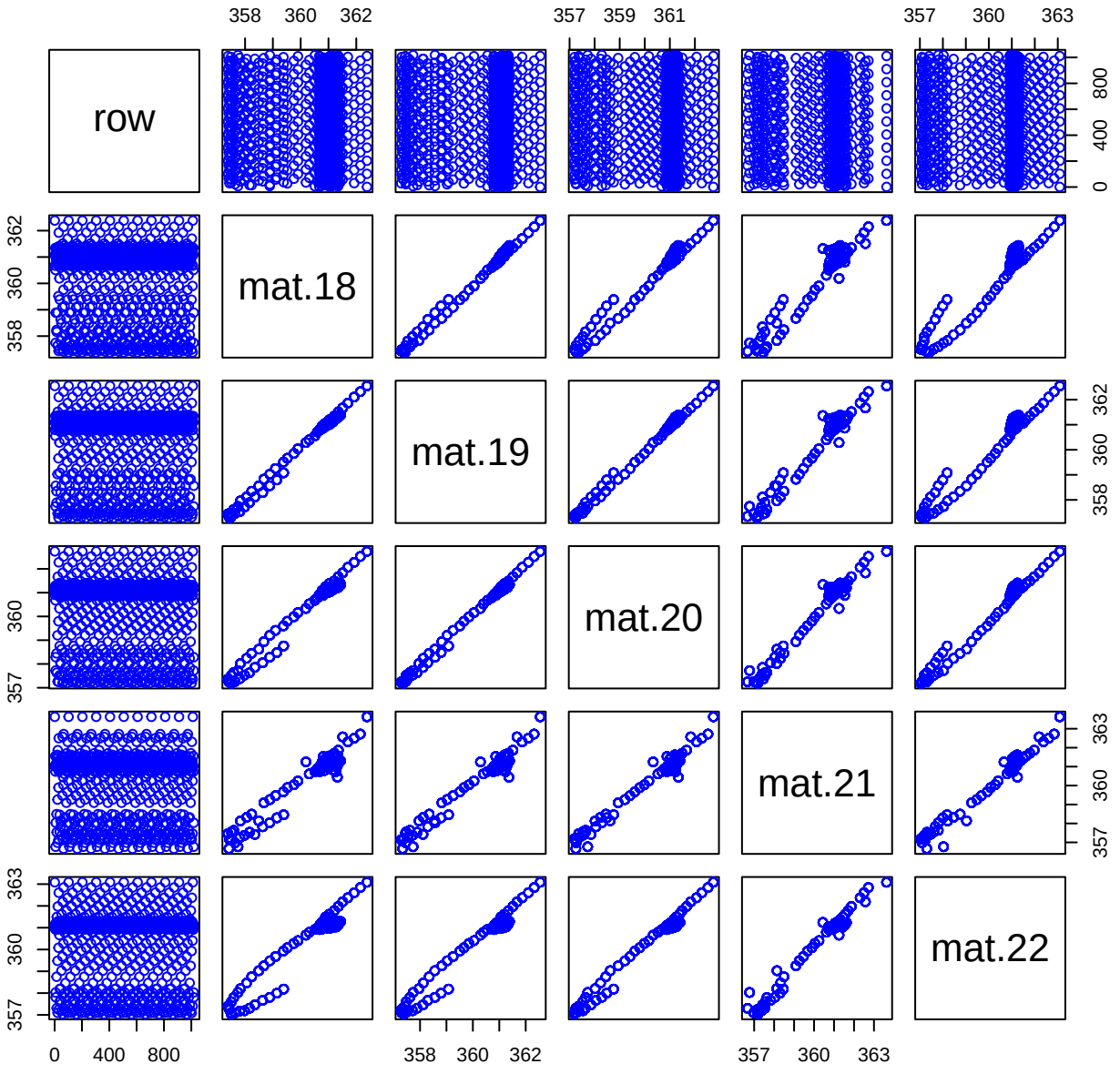
HF253−01 Plot 4



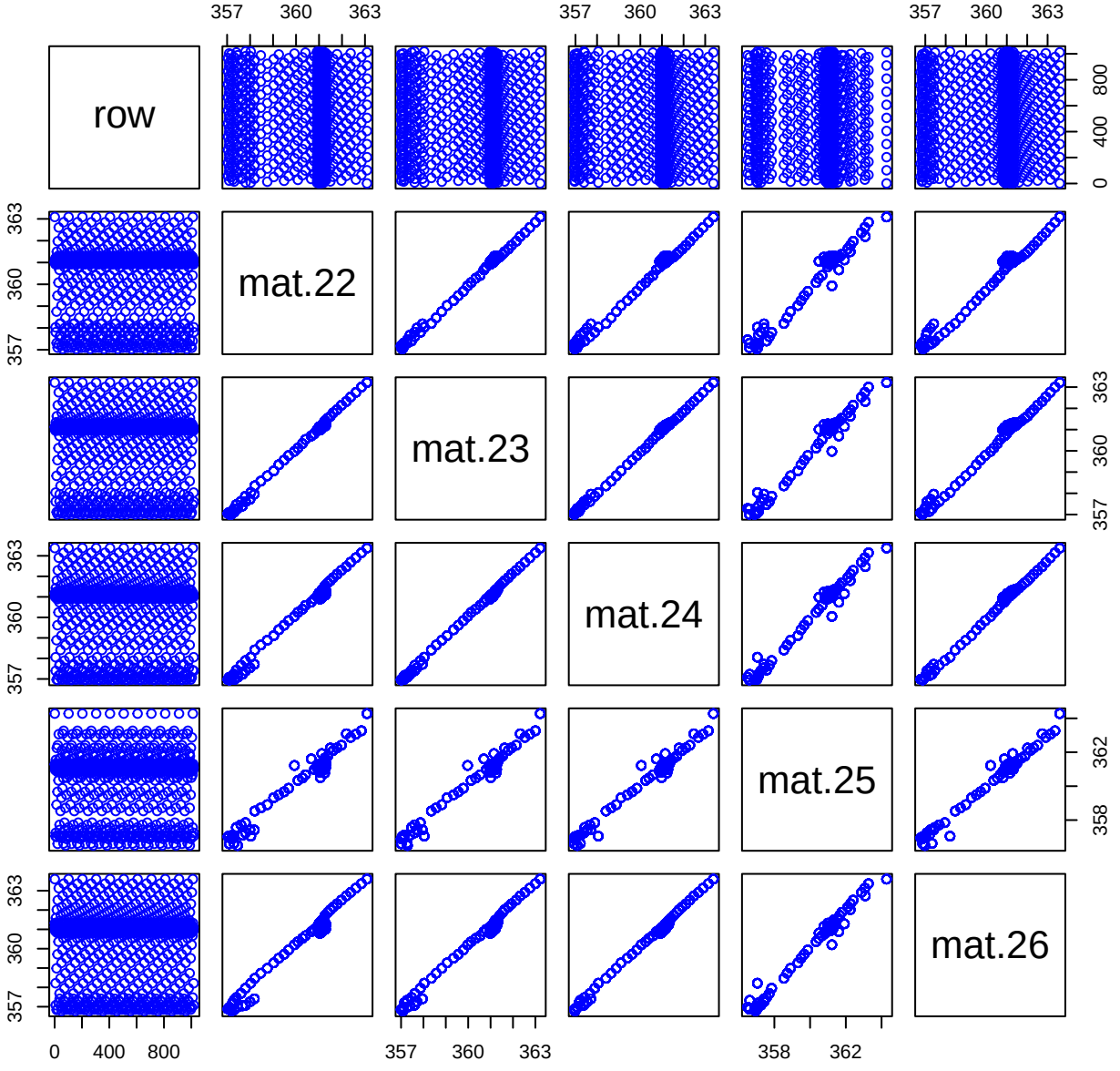
HF253−01 Plot 5



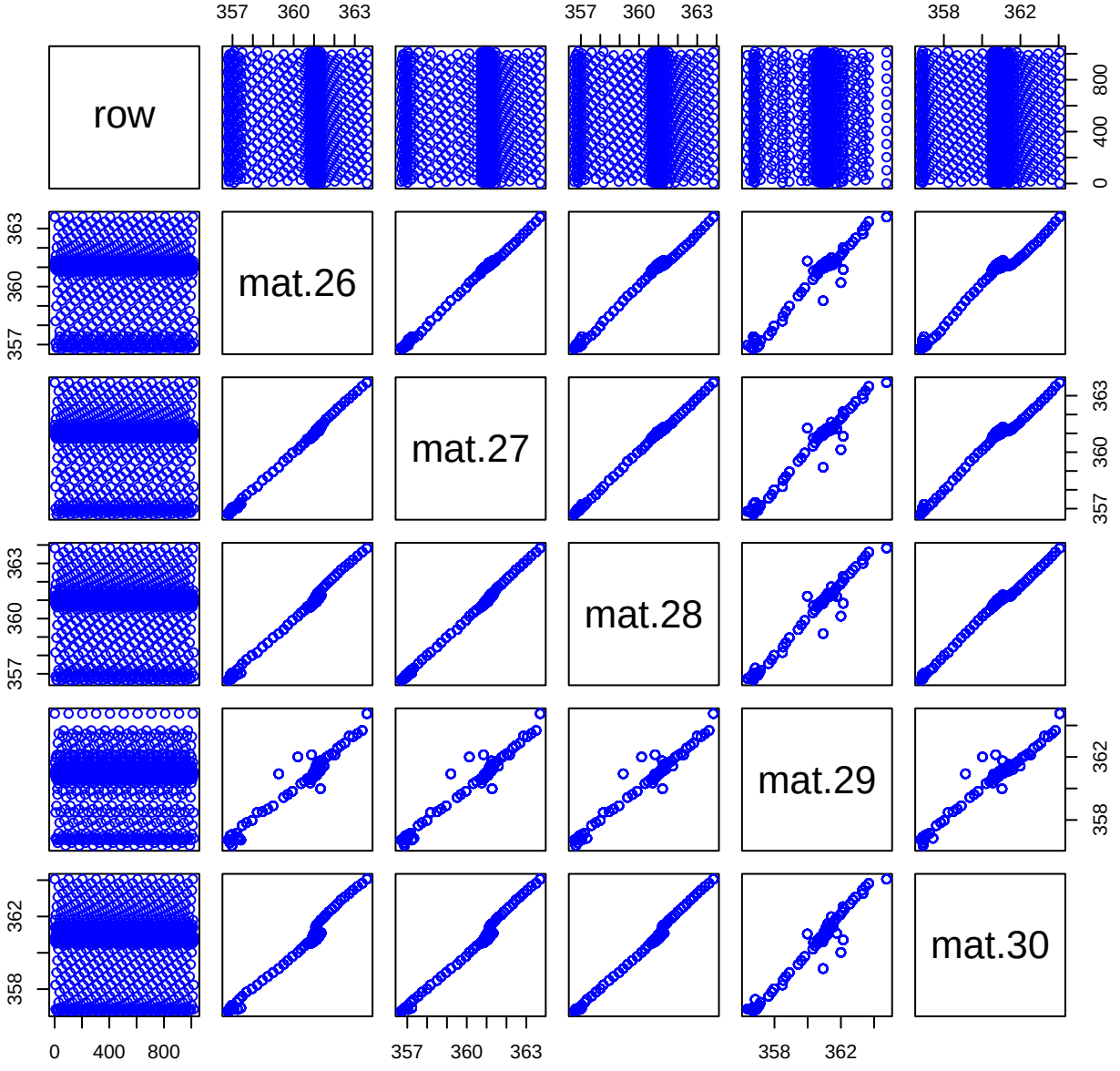
HF253−01 Plot 6



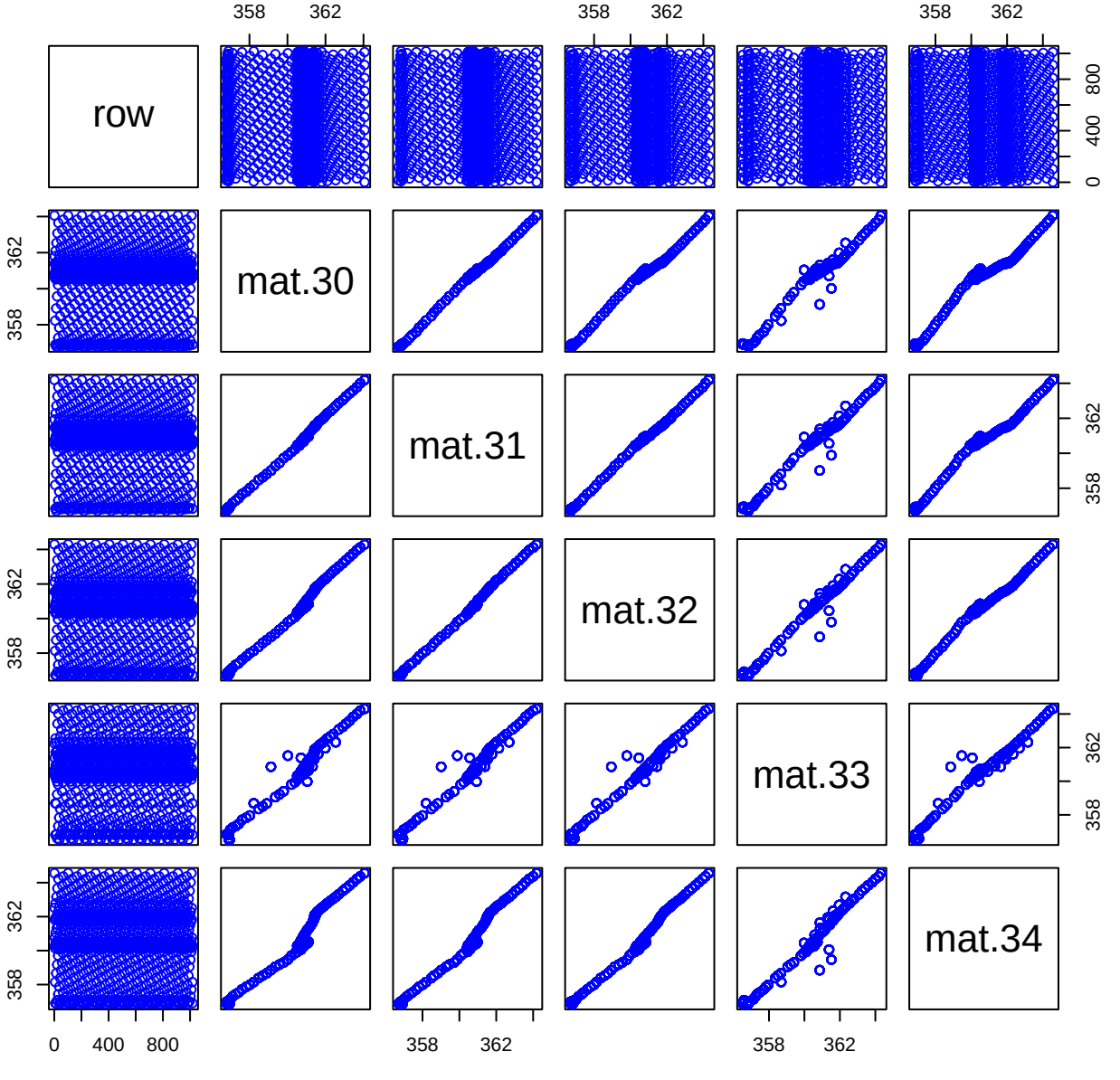
HF253−01 Plot 7



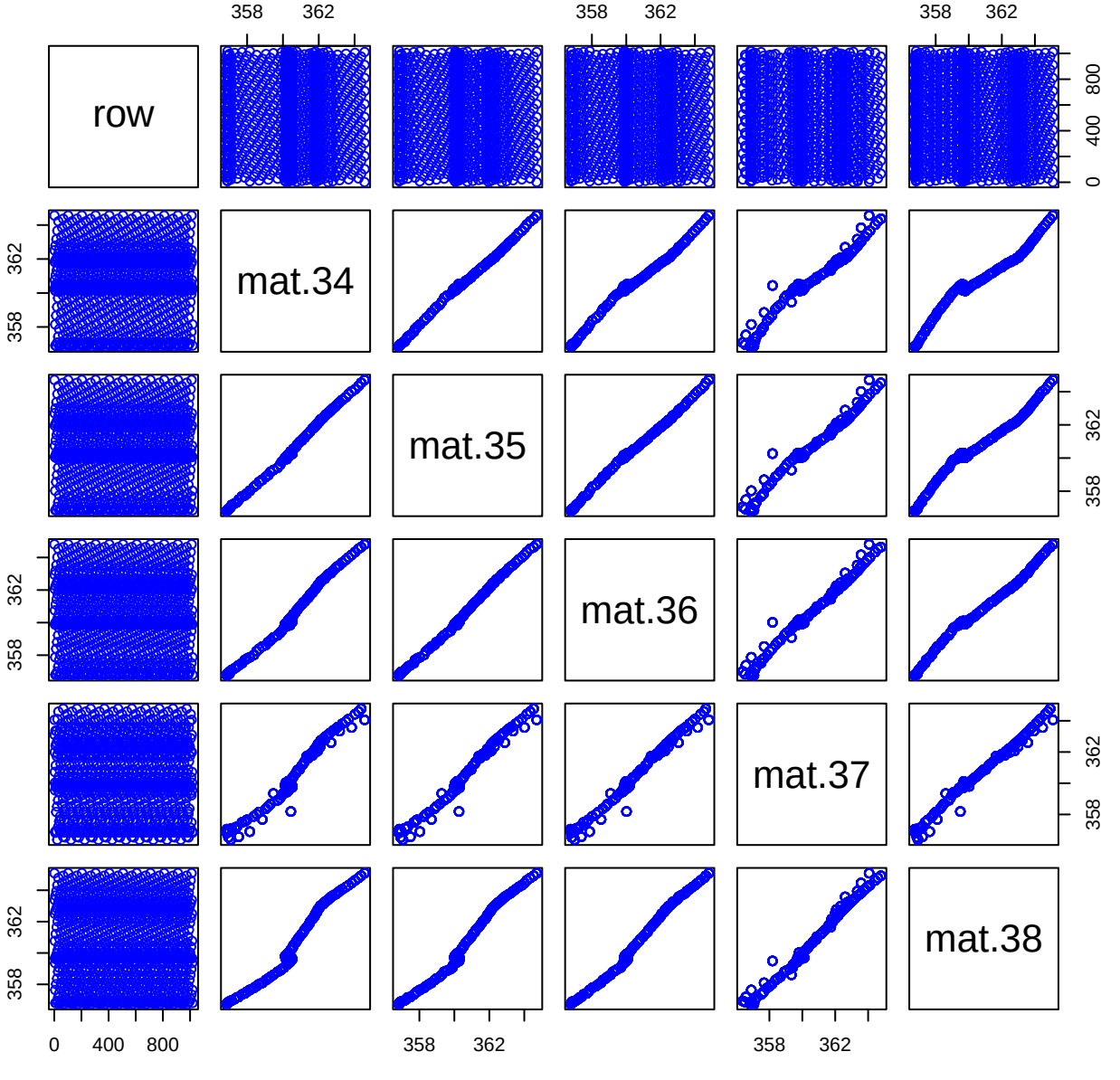
HF253−01 Plot 8



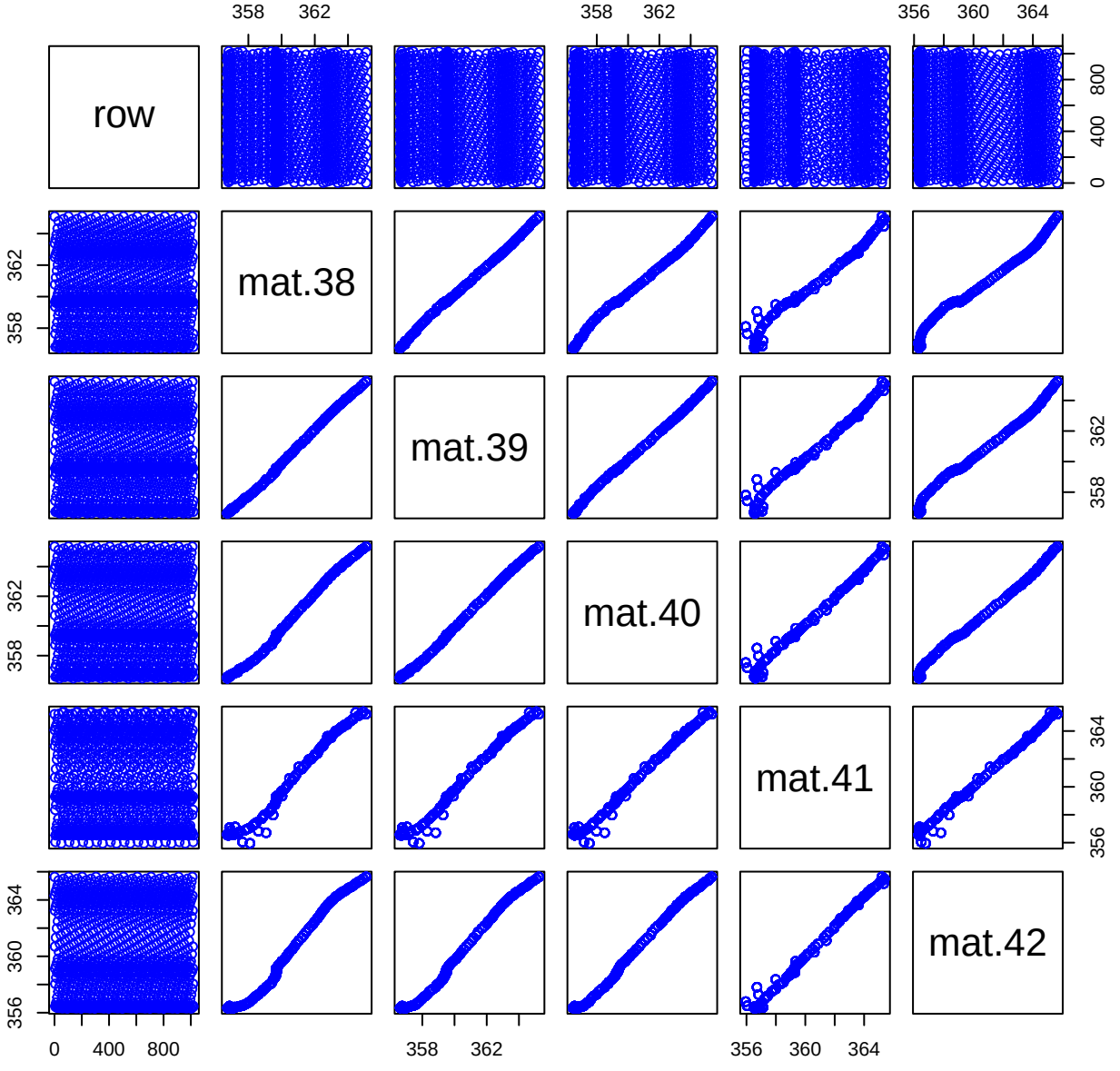
HF253−01 Plot 9



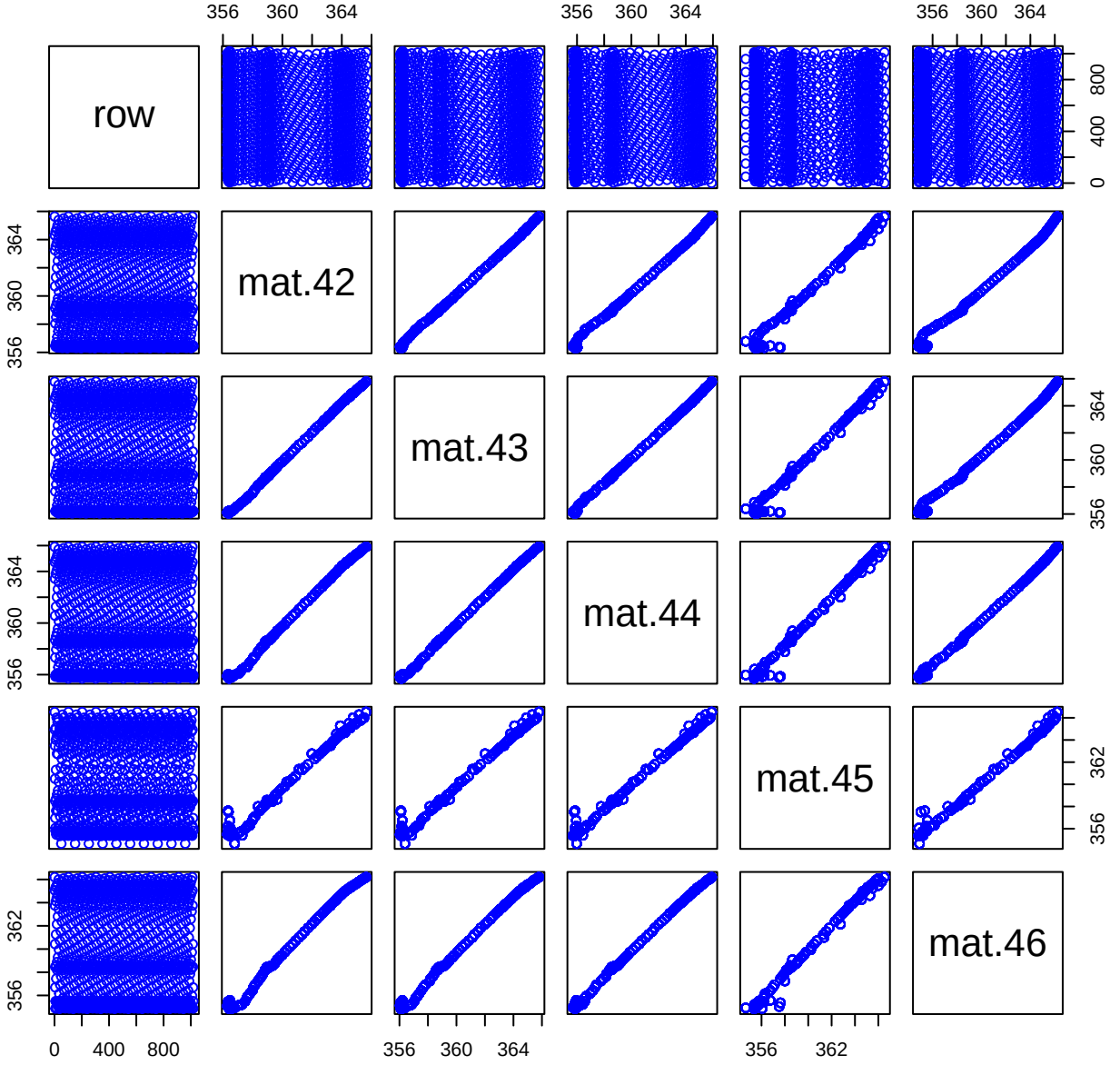
HF253−01 Plot 10



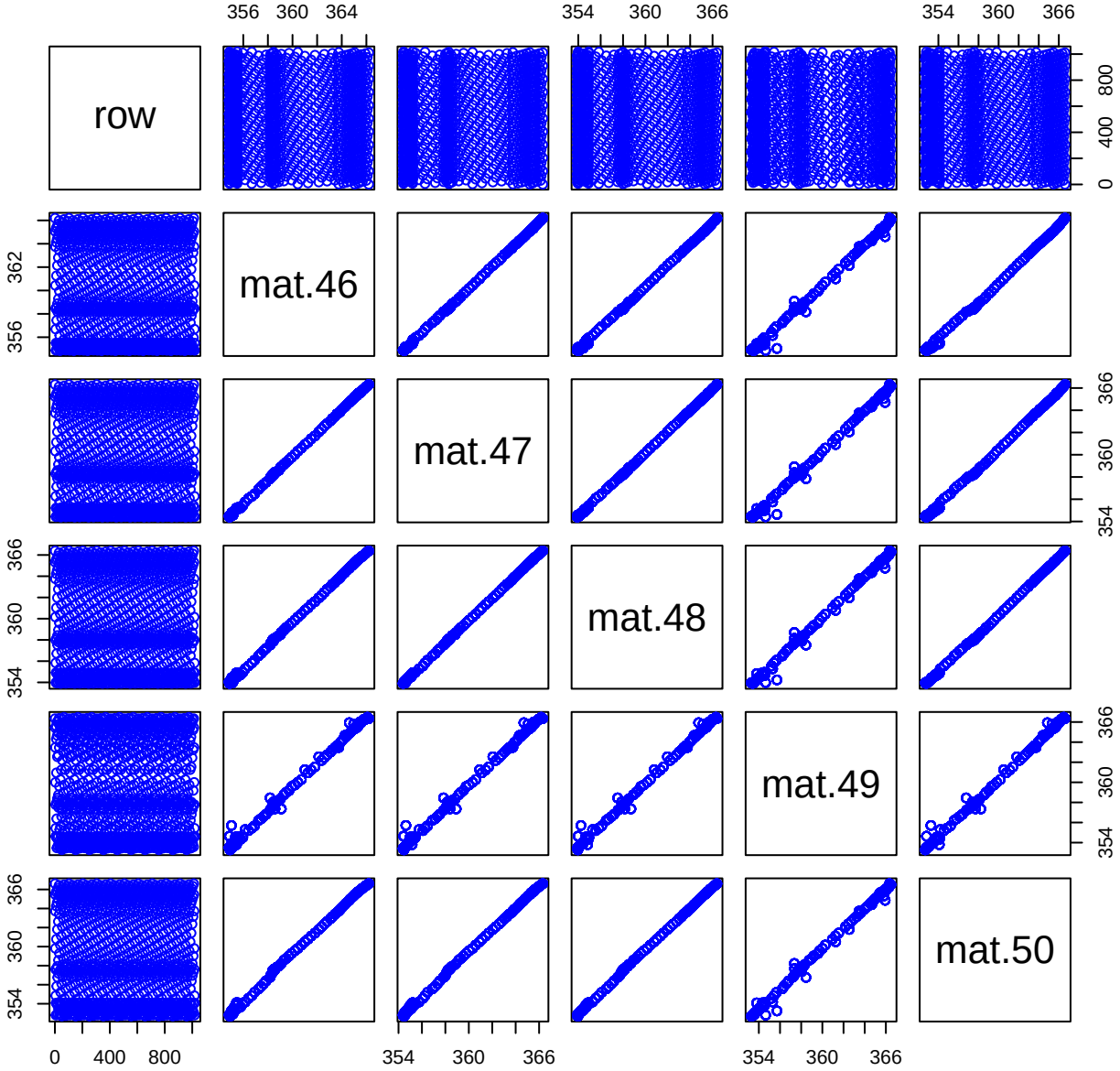
HF253−01 Plot 11



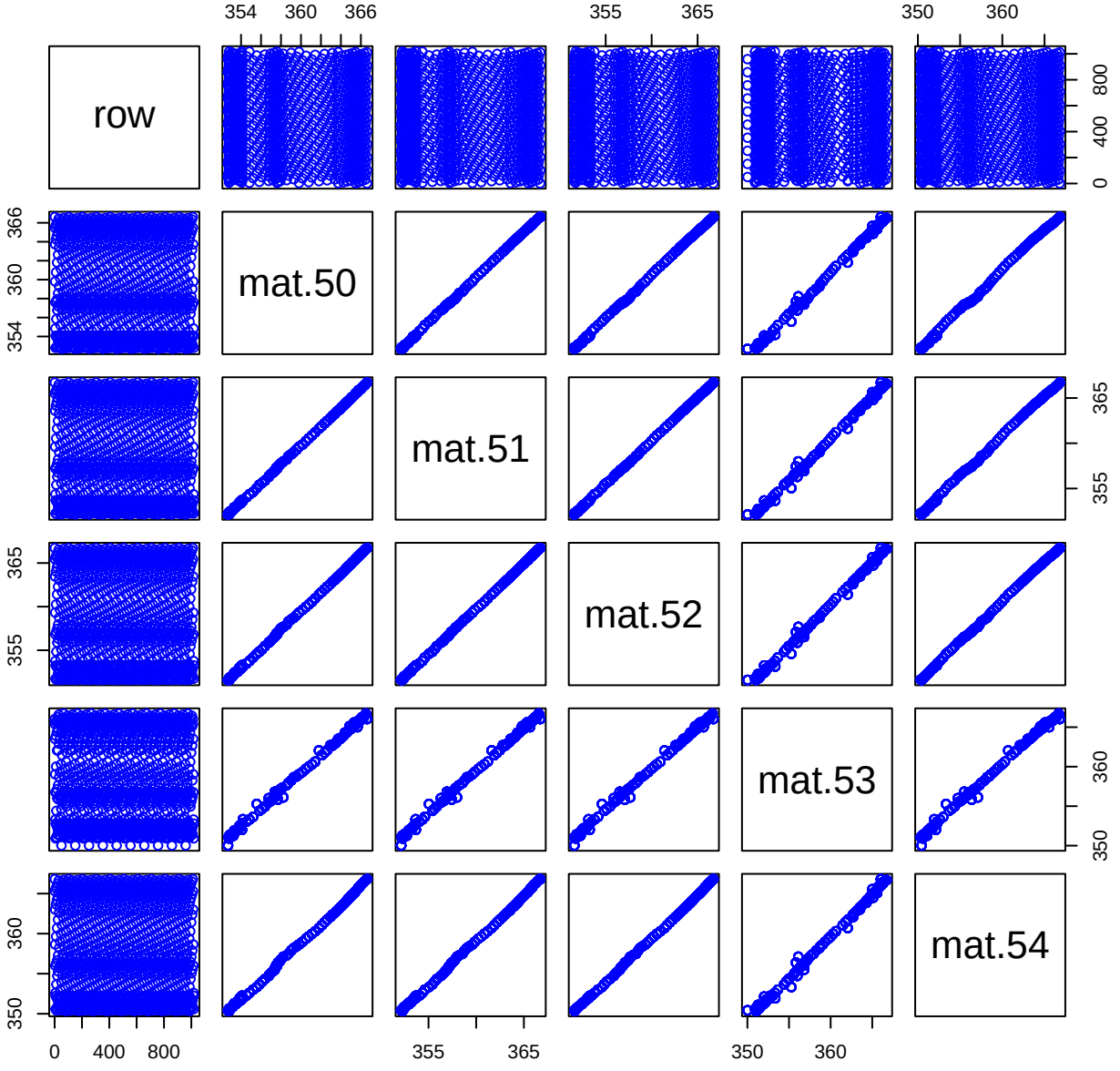
HF253−01 Plot 12



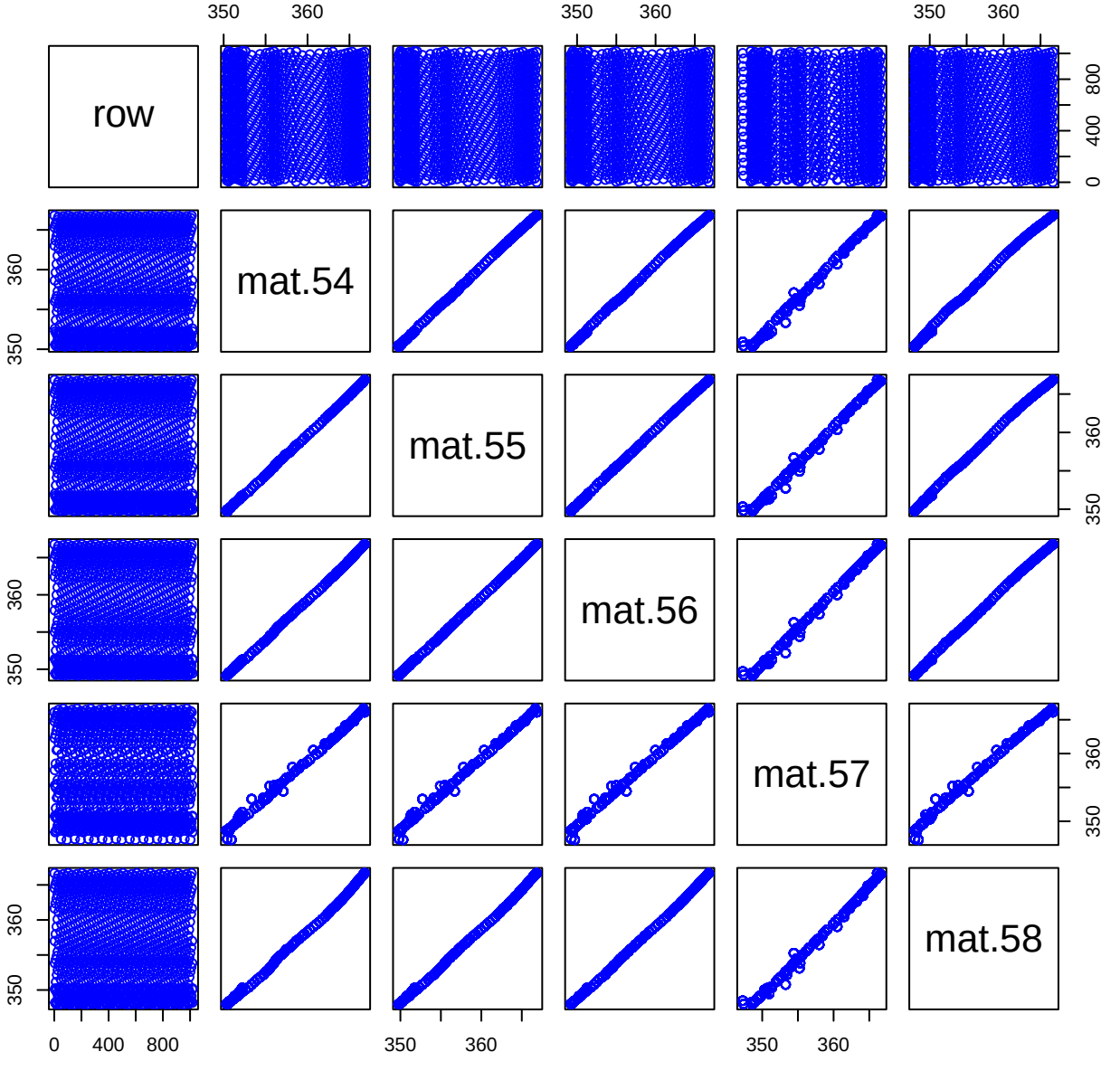
HF253−01 Plot 13



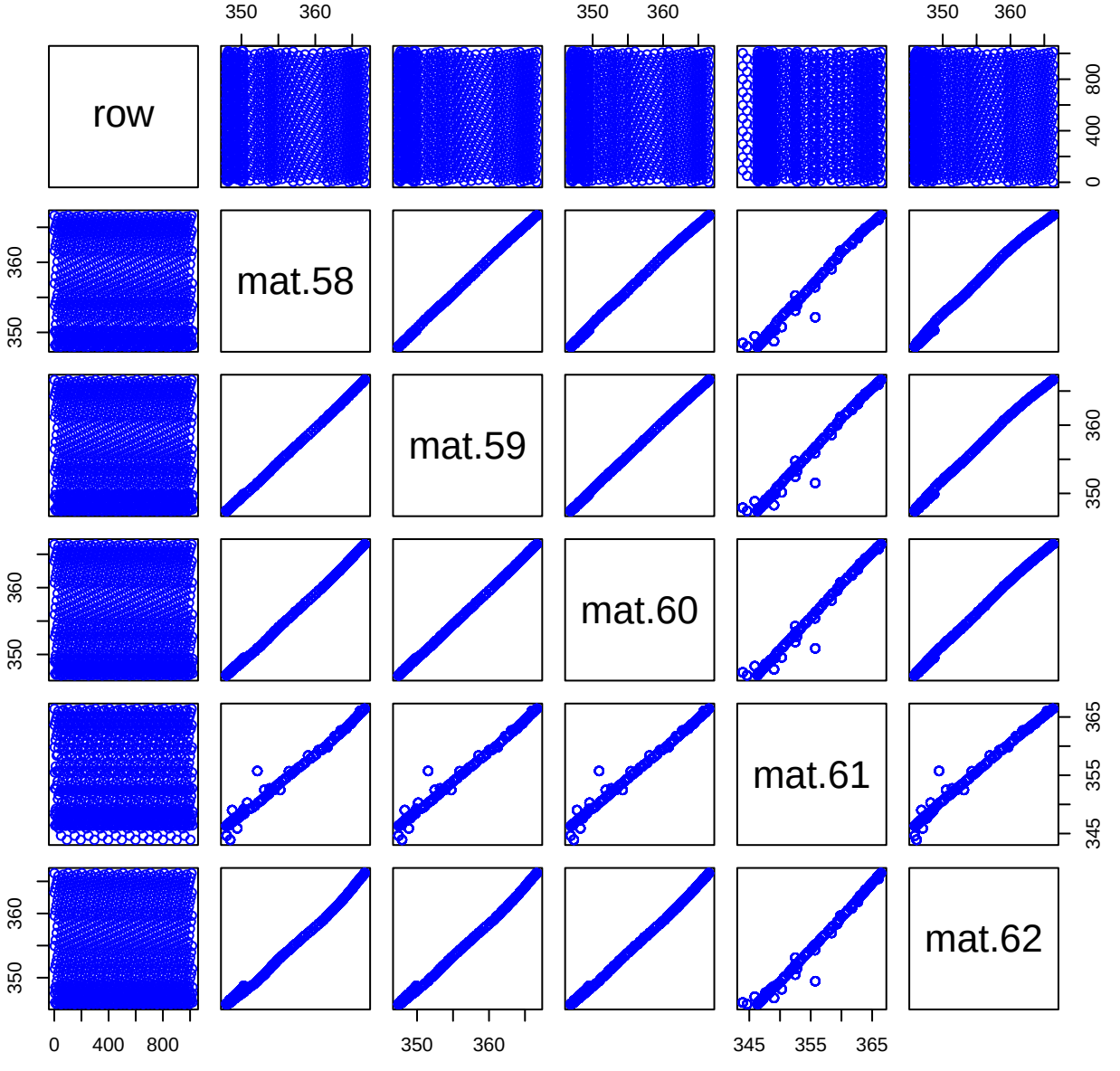
HF253−01 Plot 14



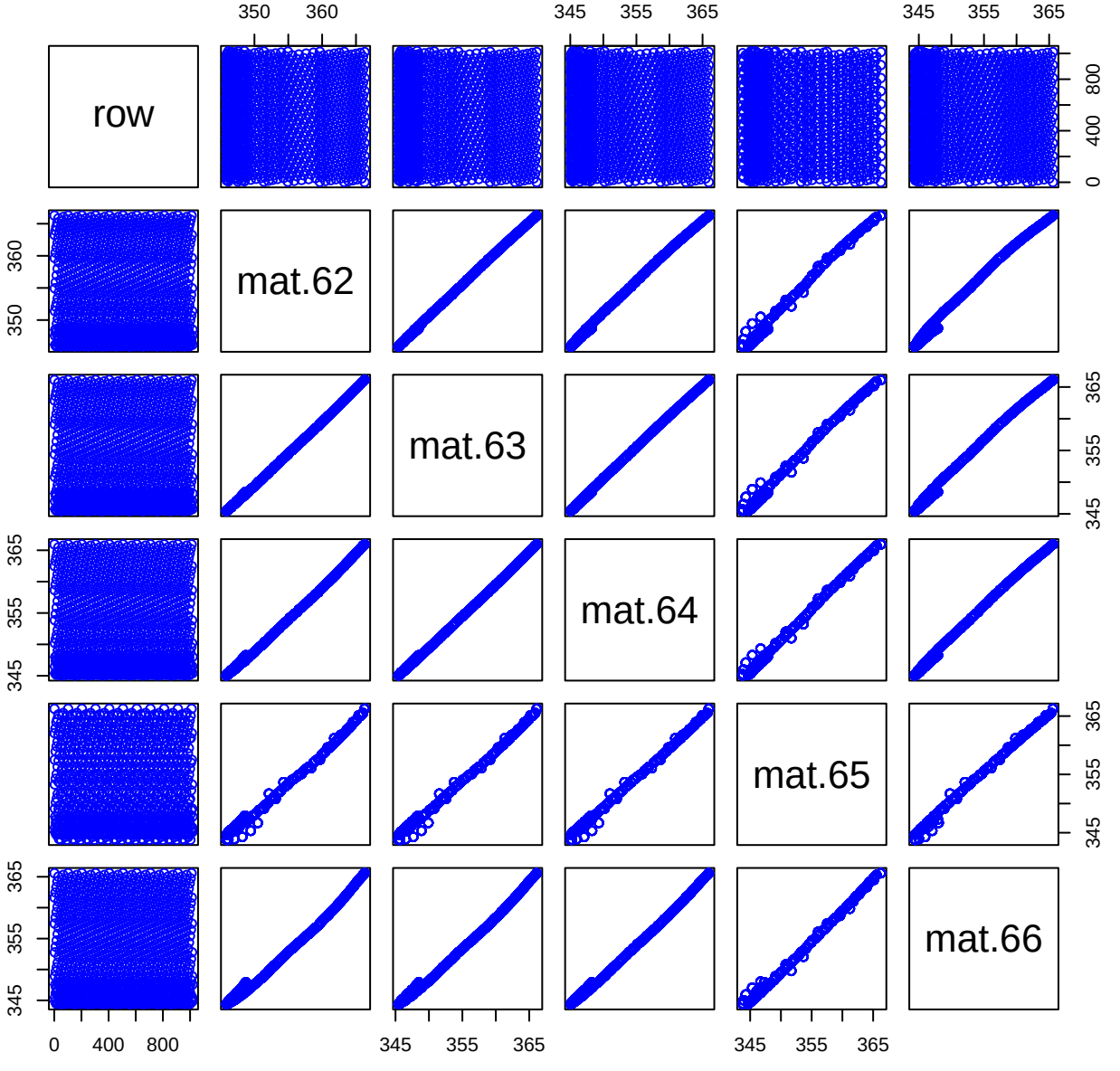
HF253−01 Plot 15



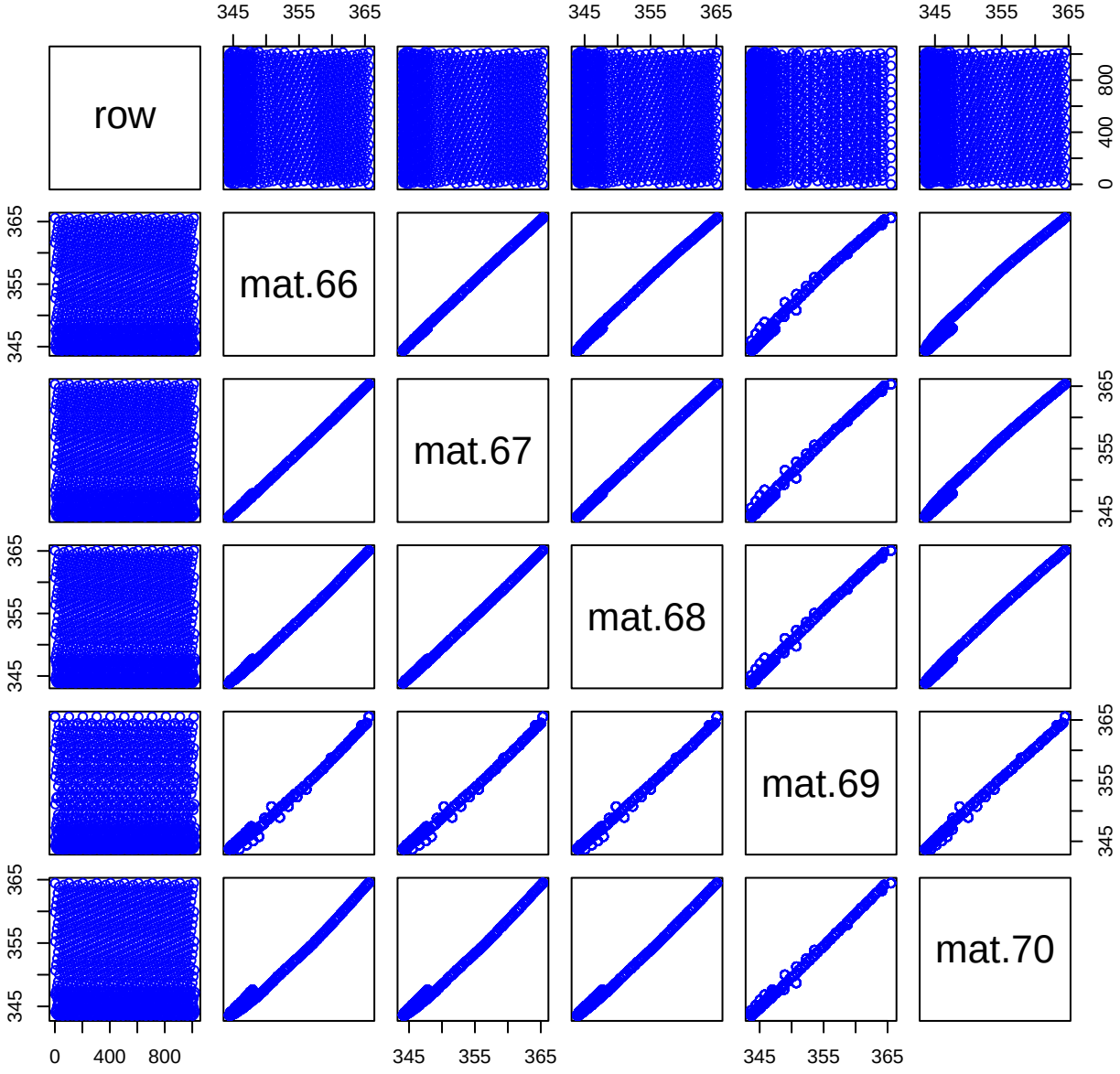
HF253−01 Plot 16



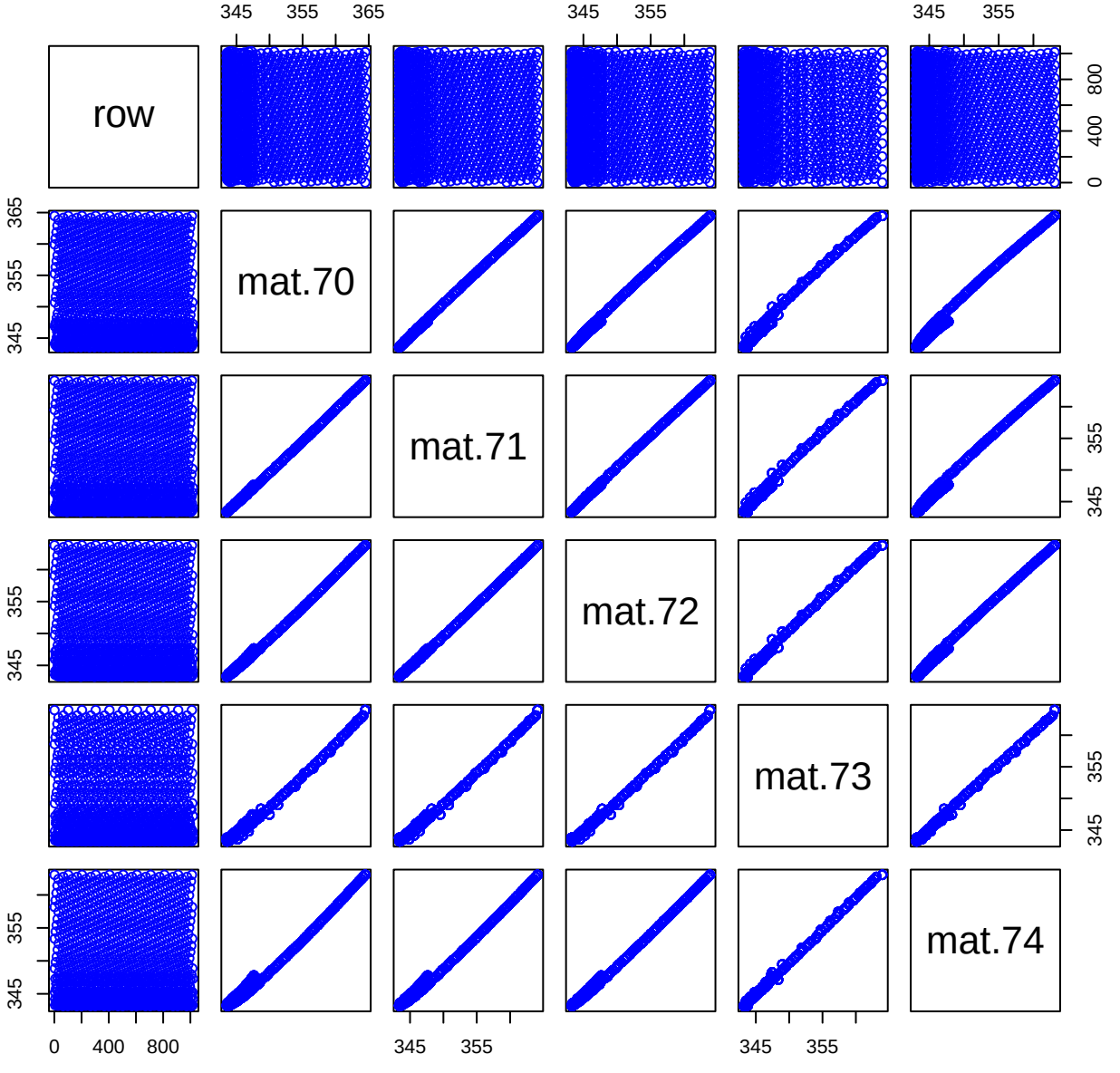
HF253−01 Plot 17



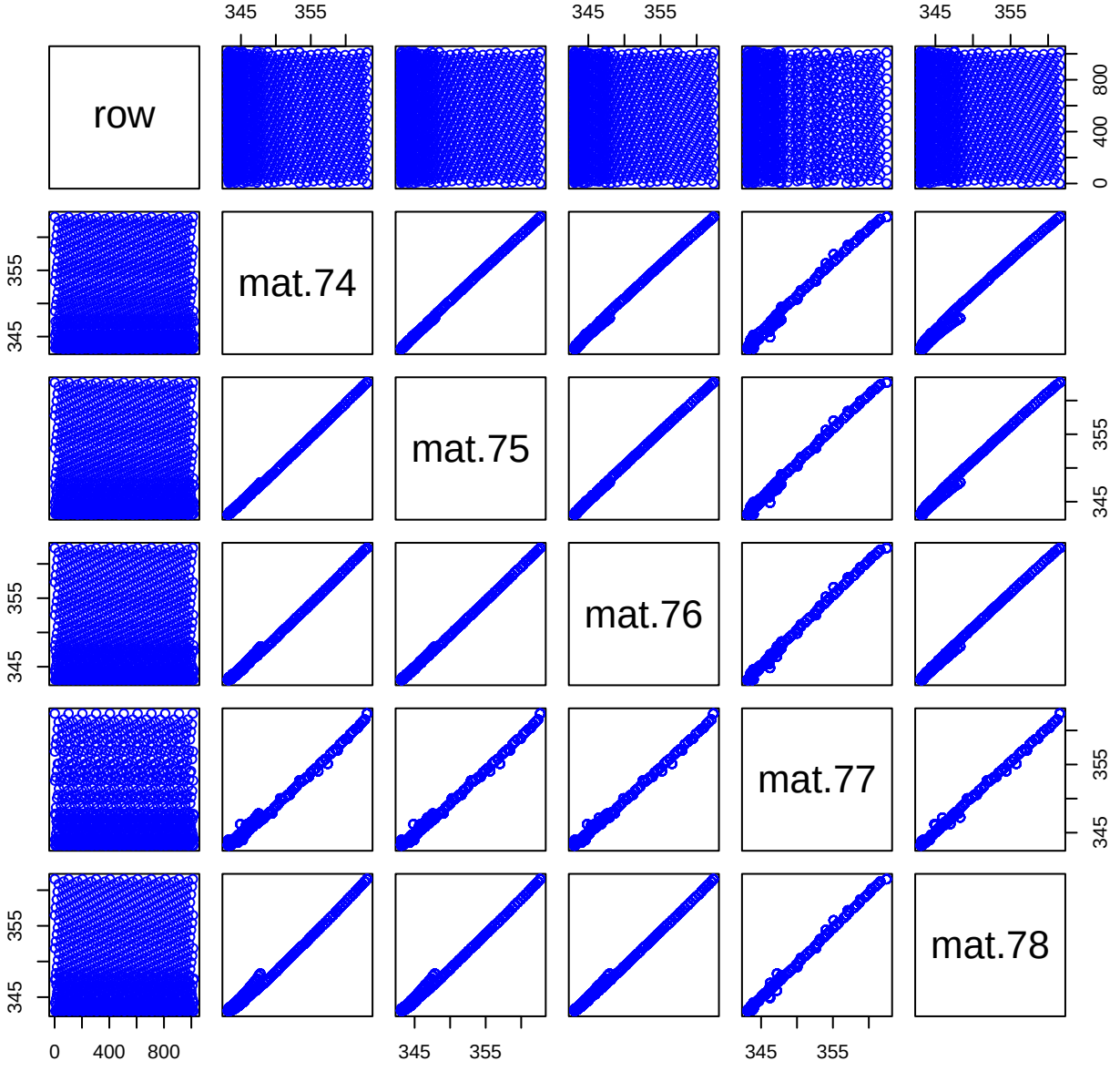
HF253−01 Plot 18



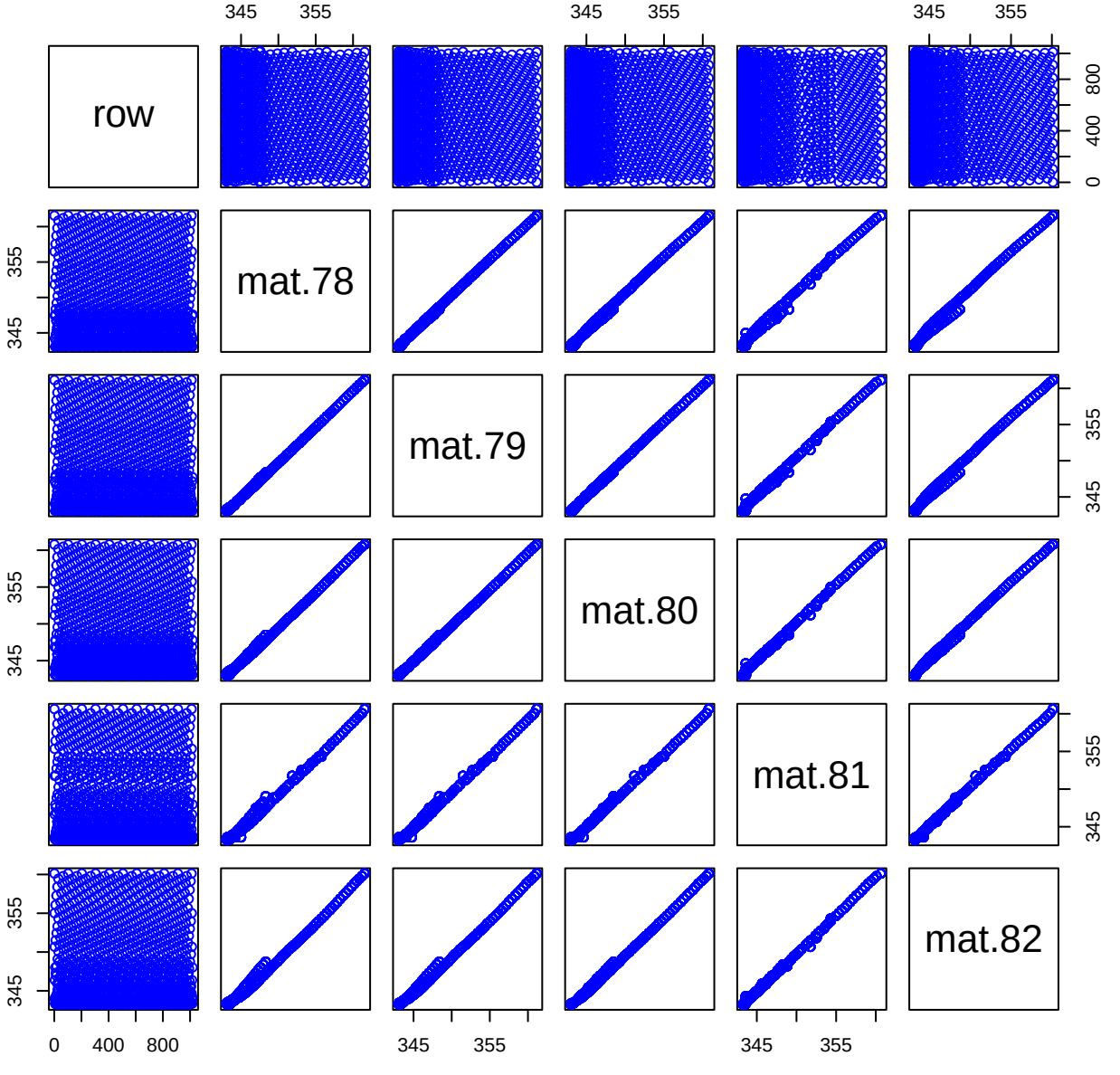
HF253−01 Plot 19



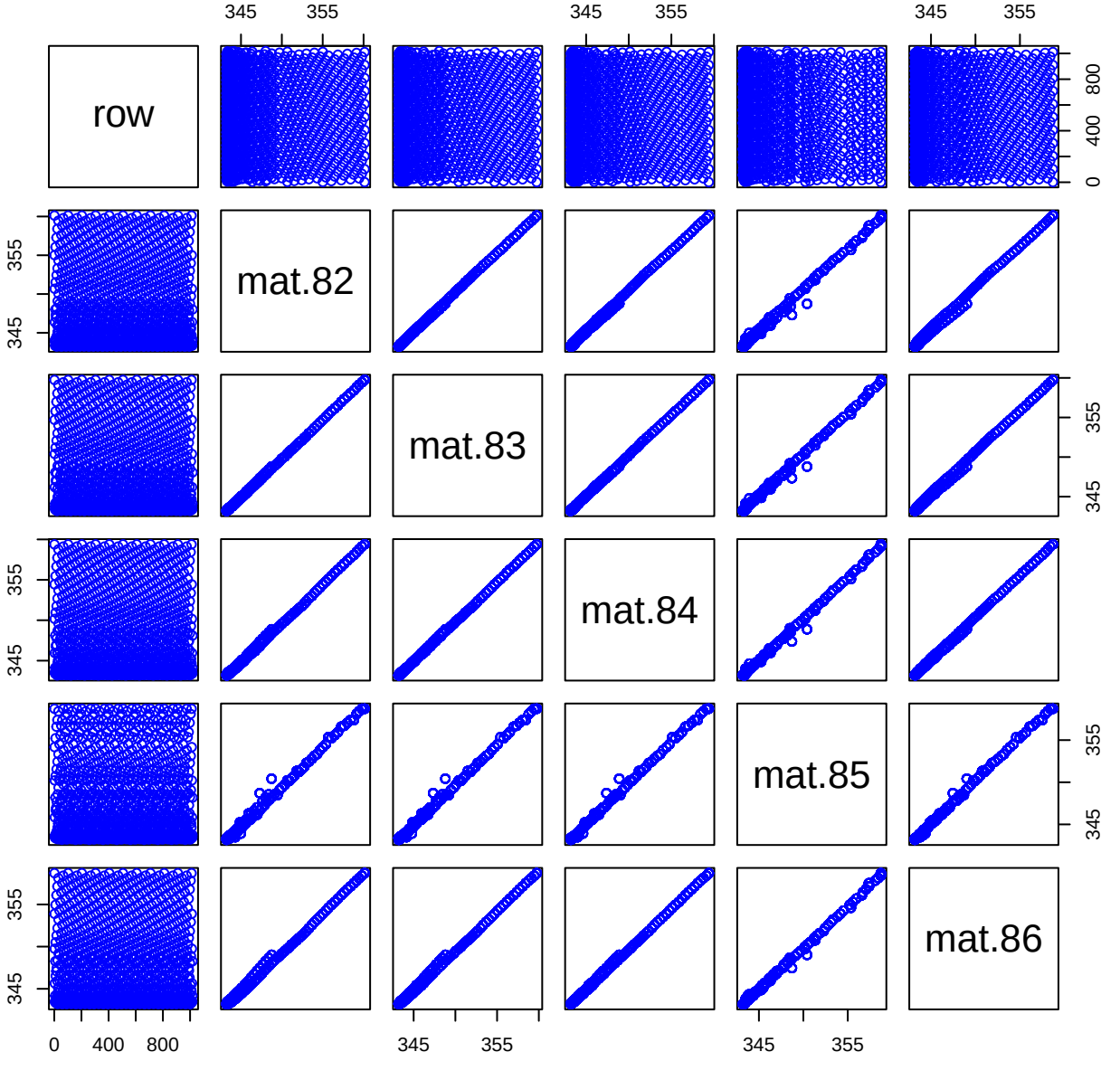
HF253−01 Plot 20



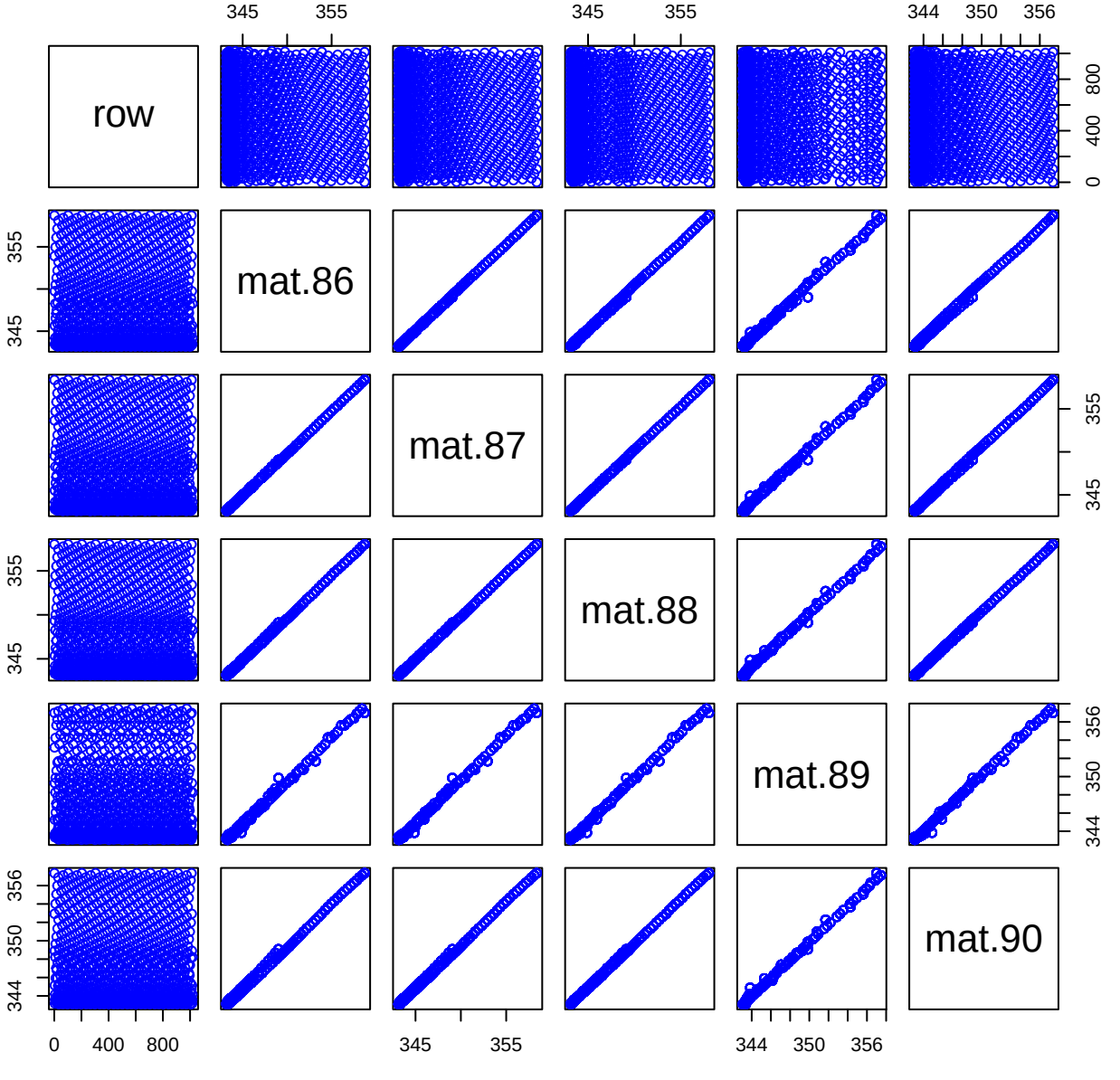
HF253−01 Plot 21



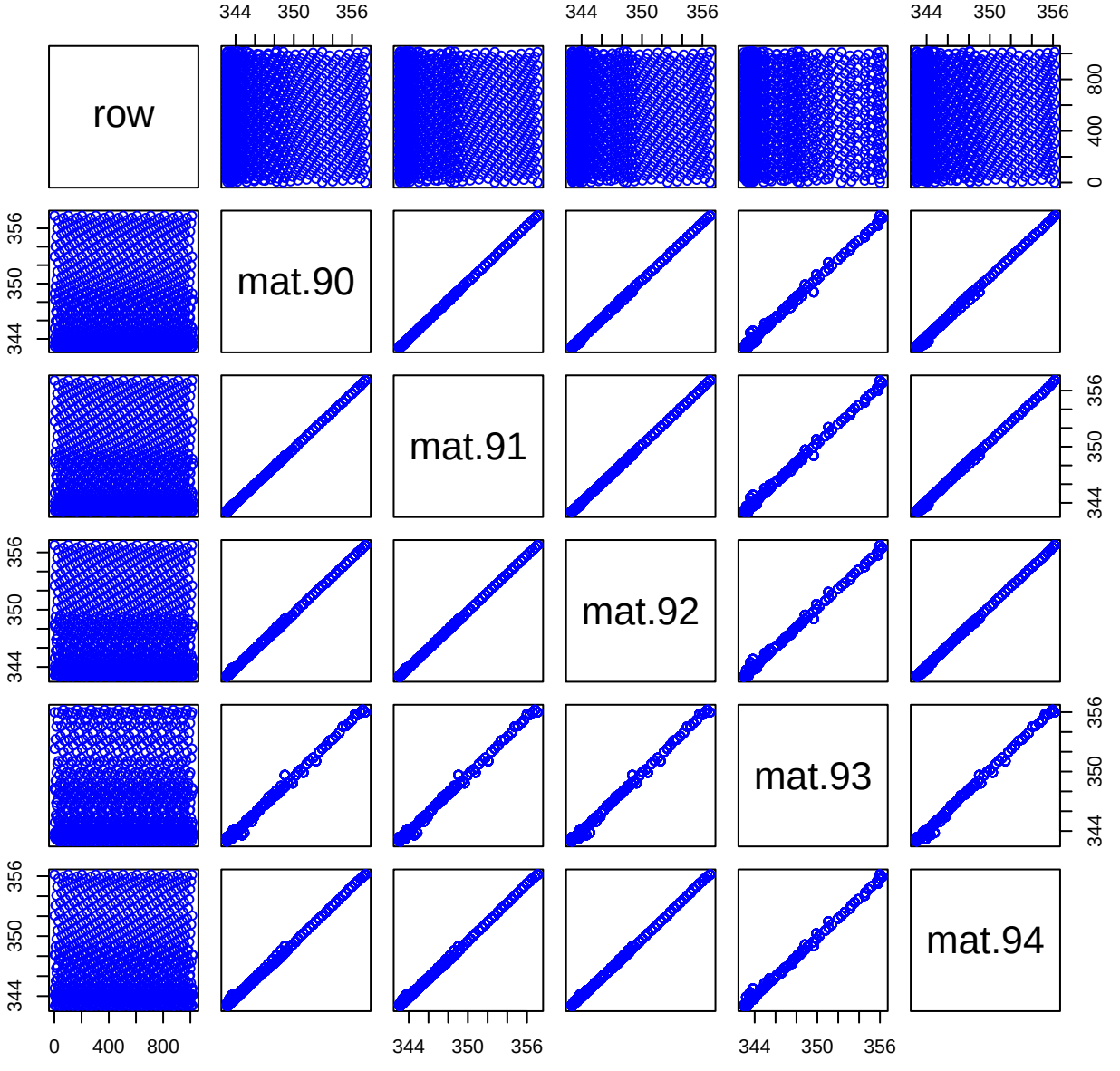
HF253−01 Plot 22



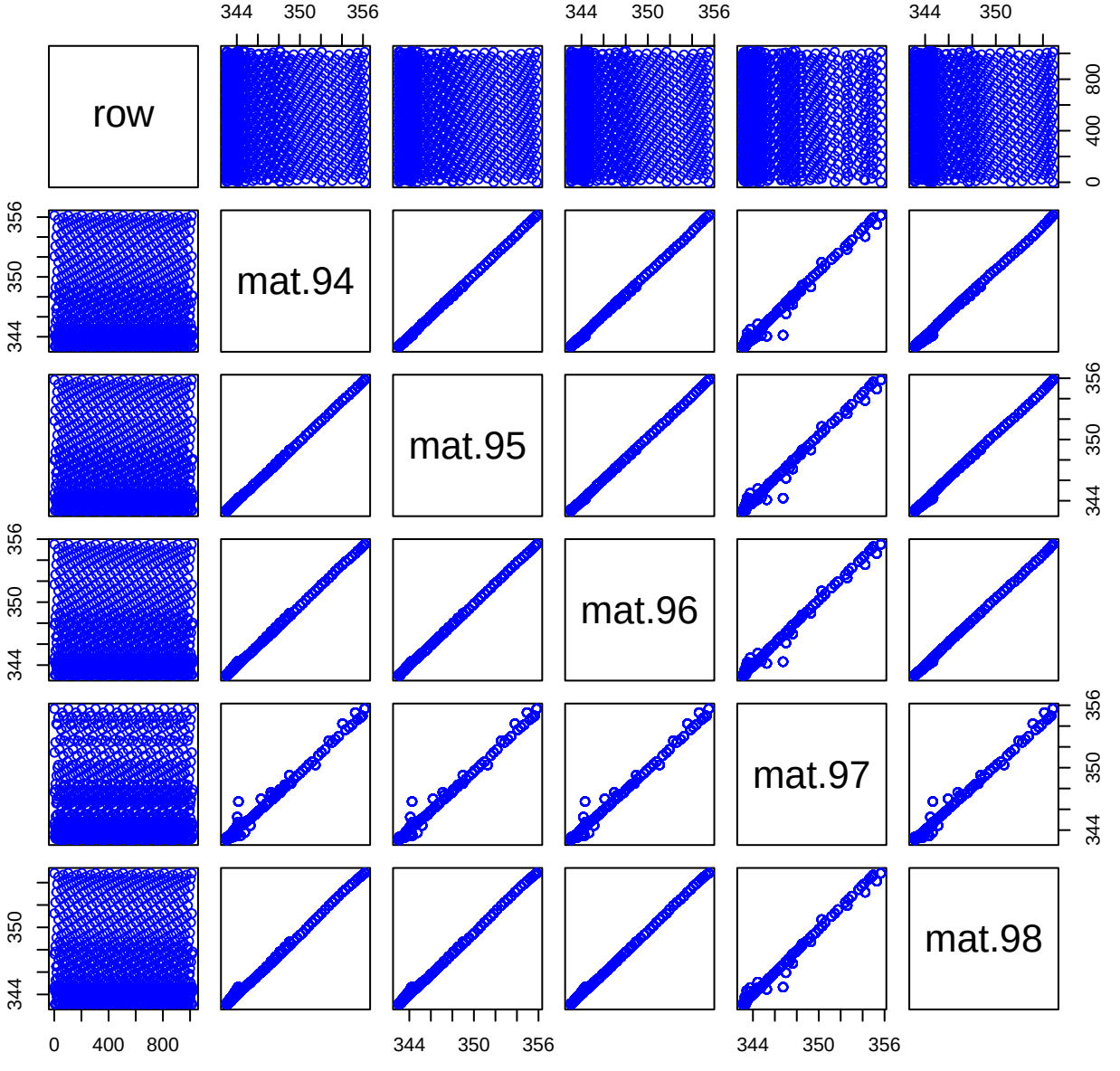
HF253−01 Plot 23



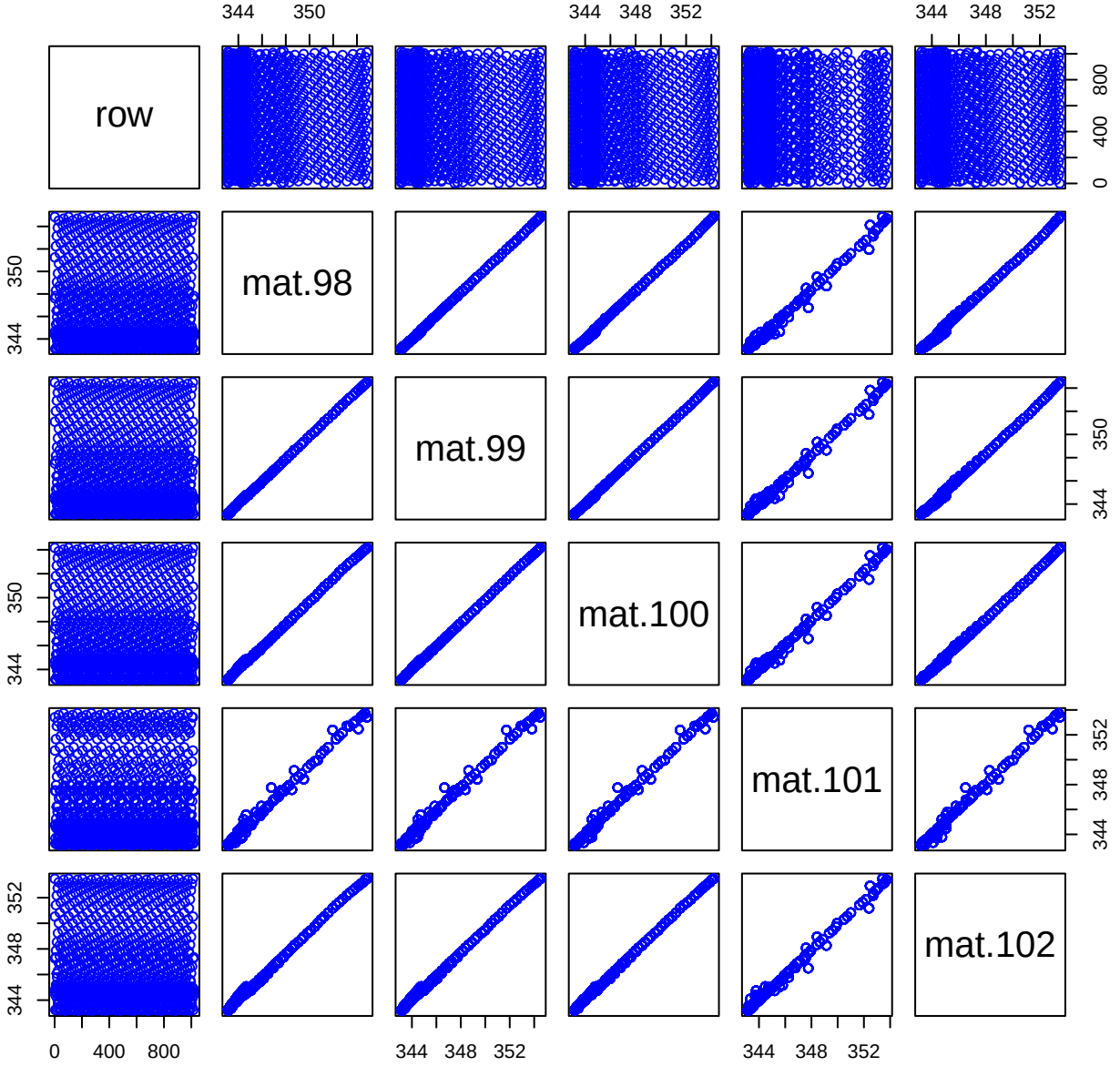
HF253−01 Plot 24



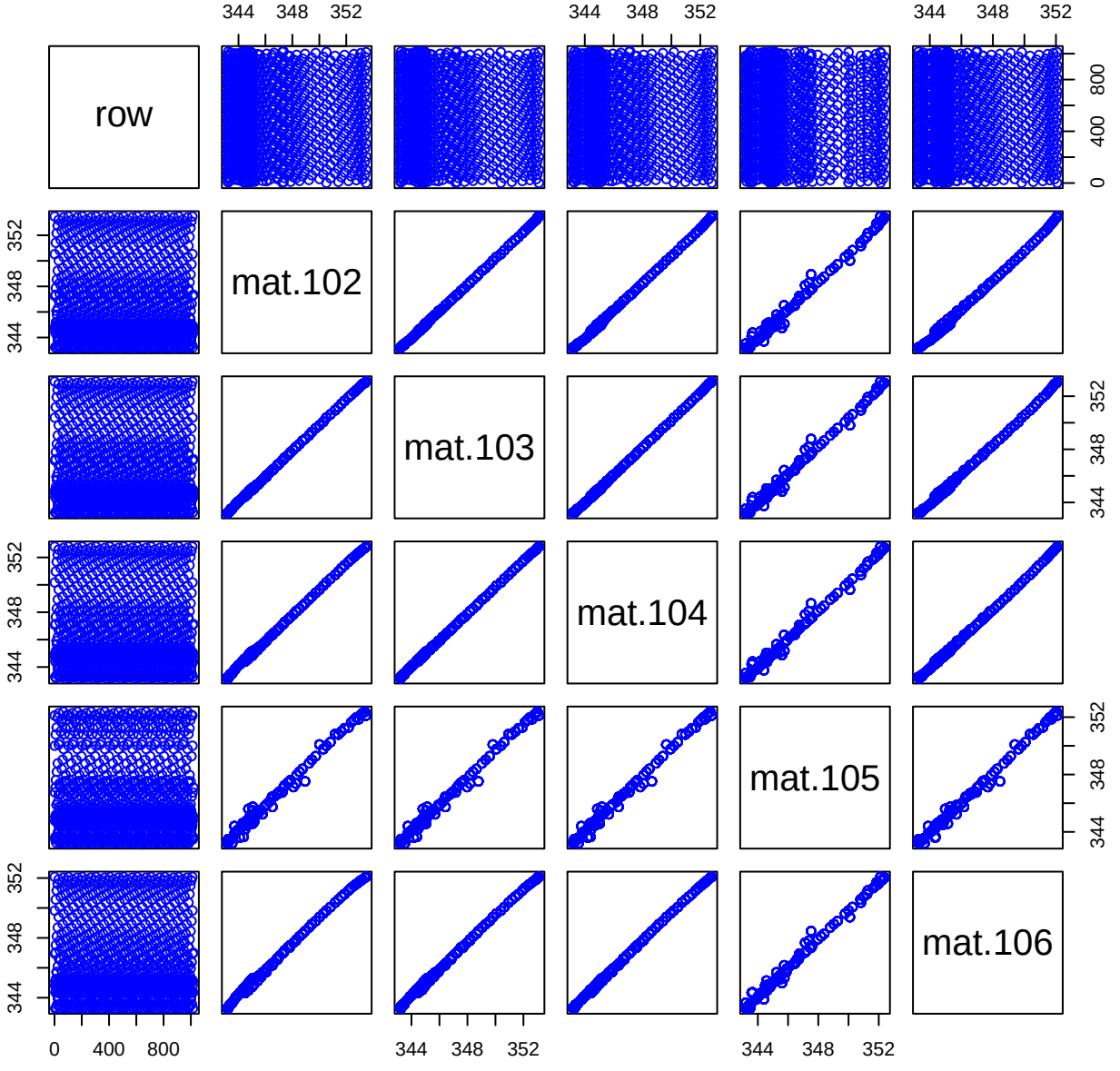
HF253−01 Plot 25



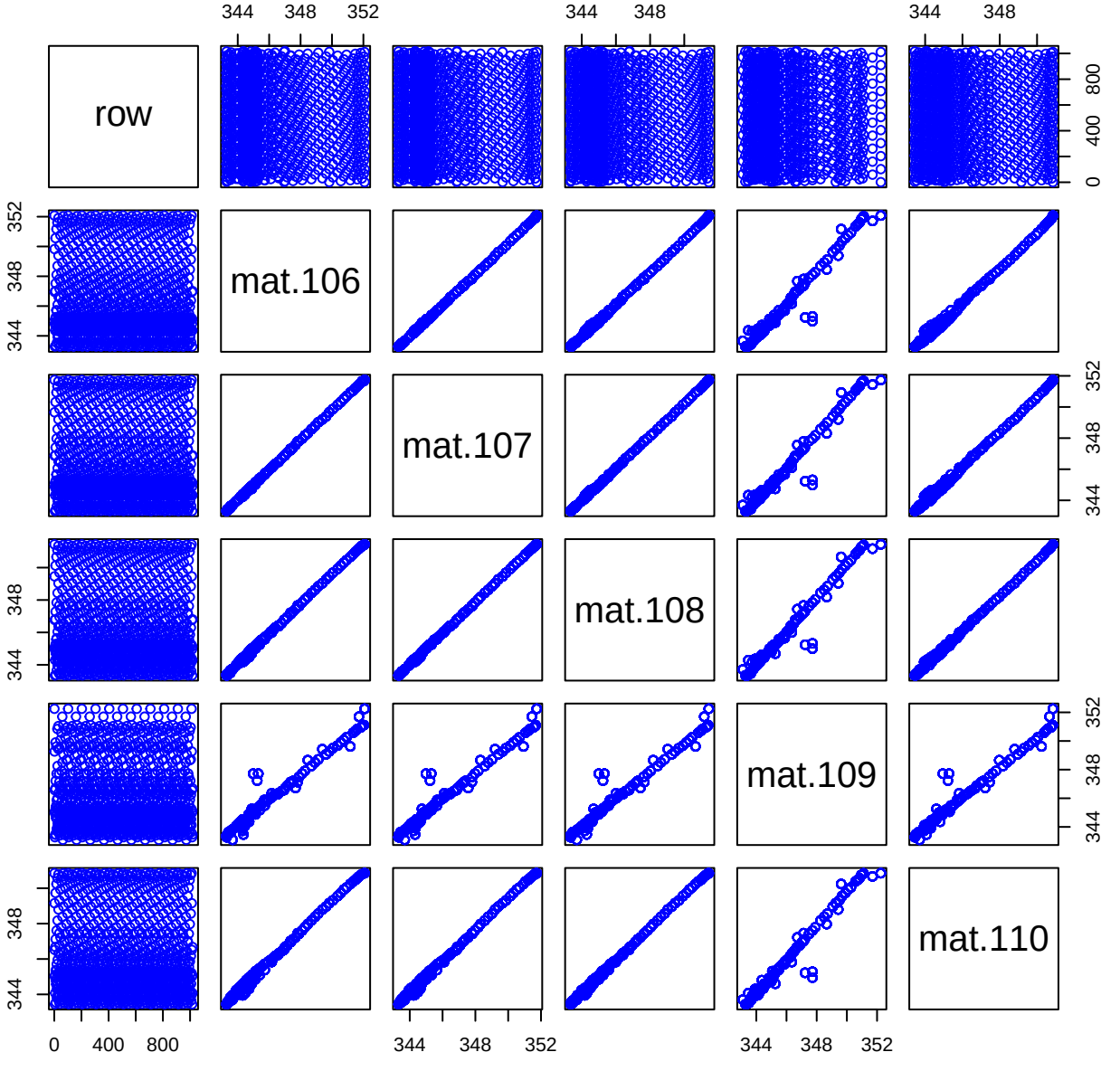
HF253−01 Plot 26



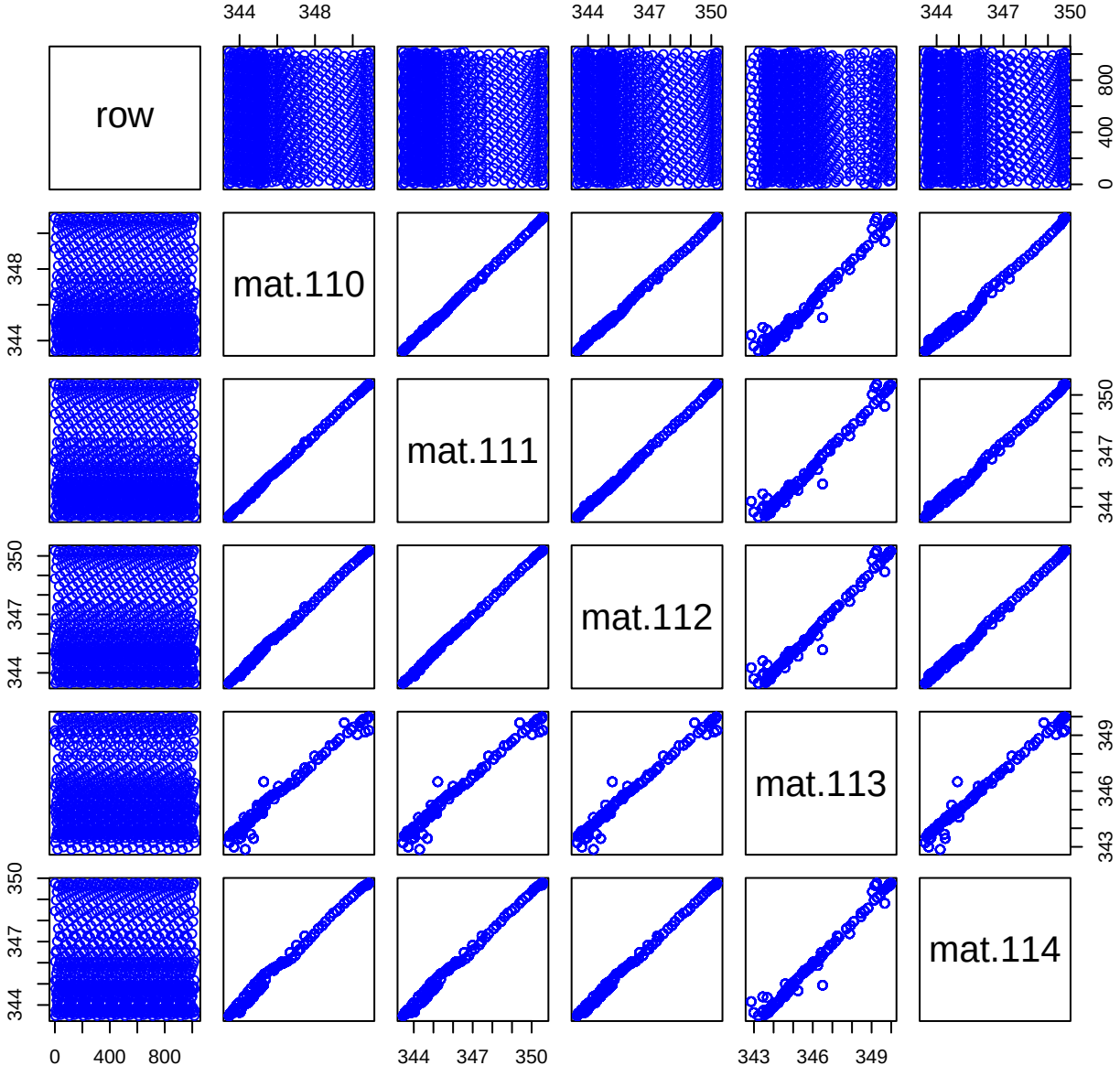
HF253−01 Plot 27



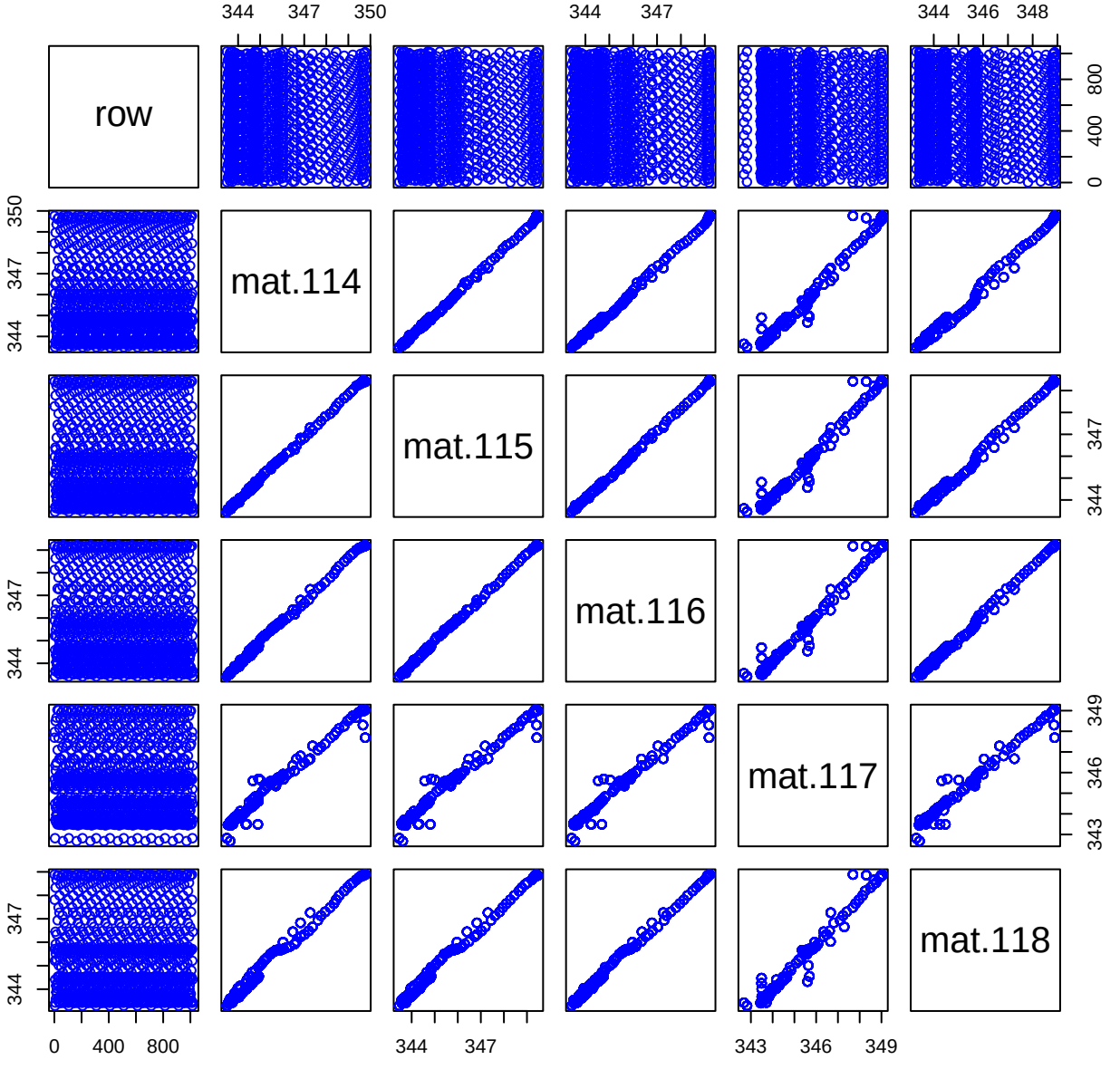
HF253−01 Plot 28



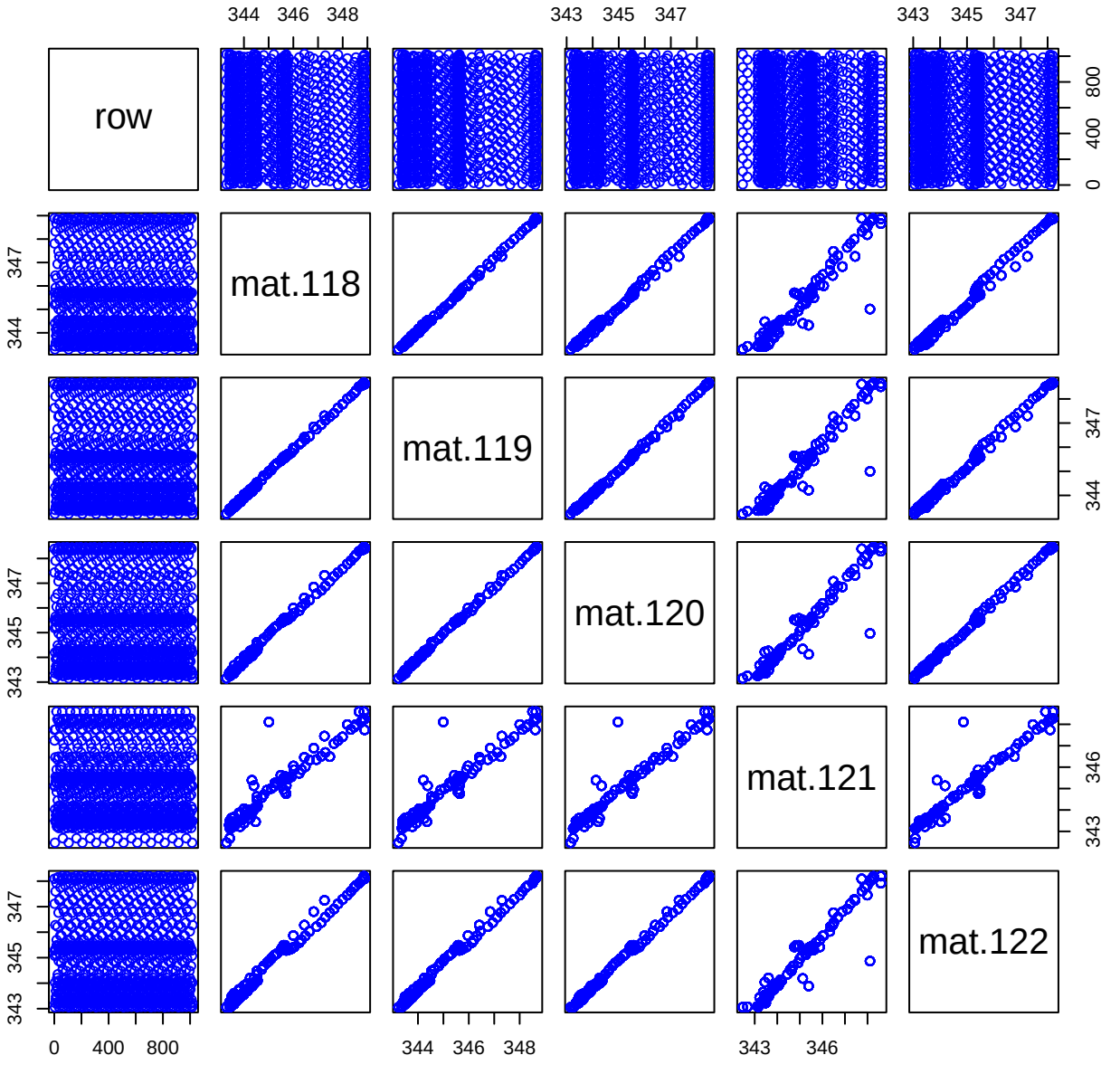
HF253−01 Plot 29



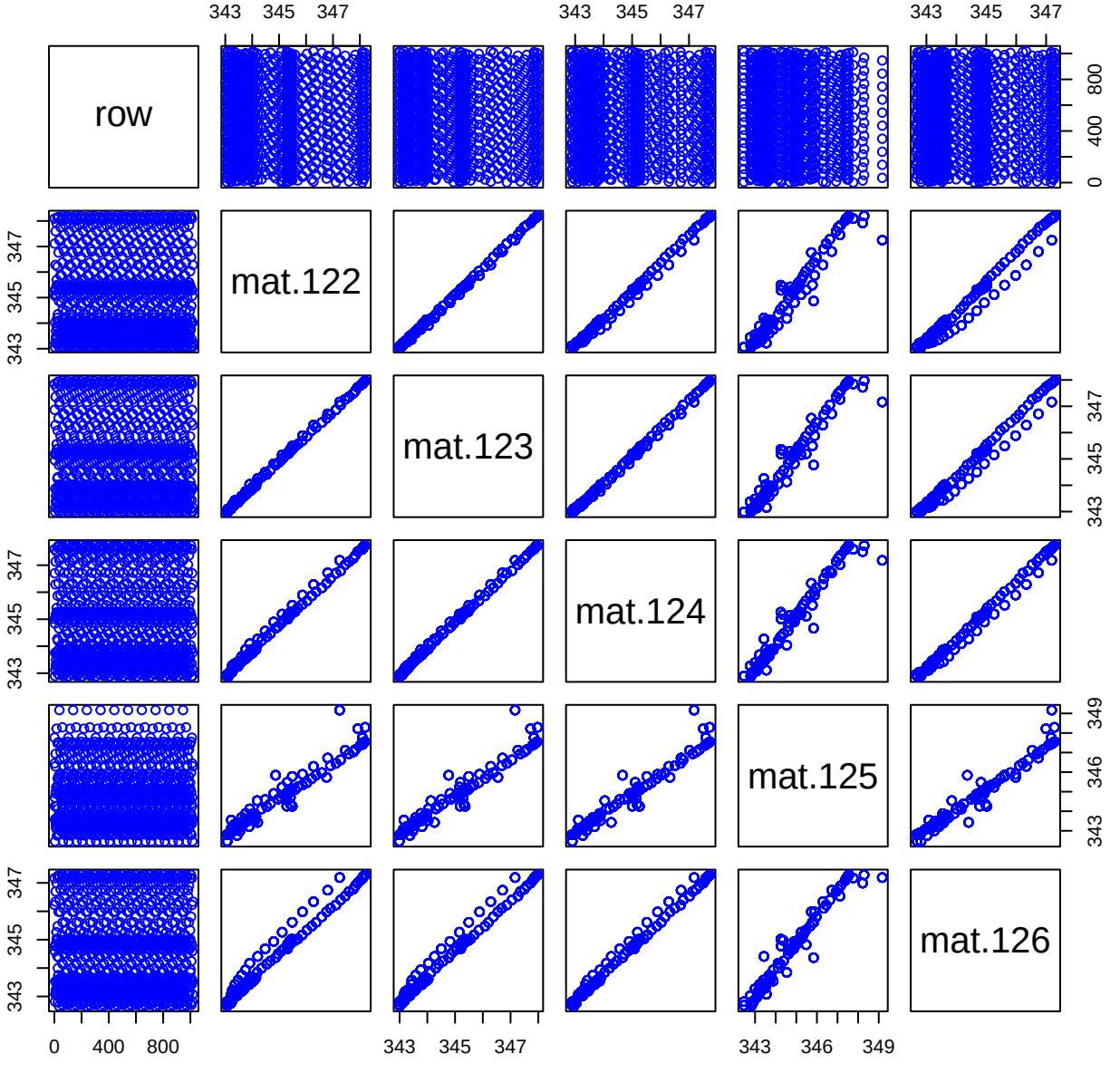
HF253−01 Plot 30



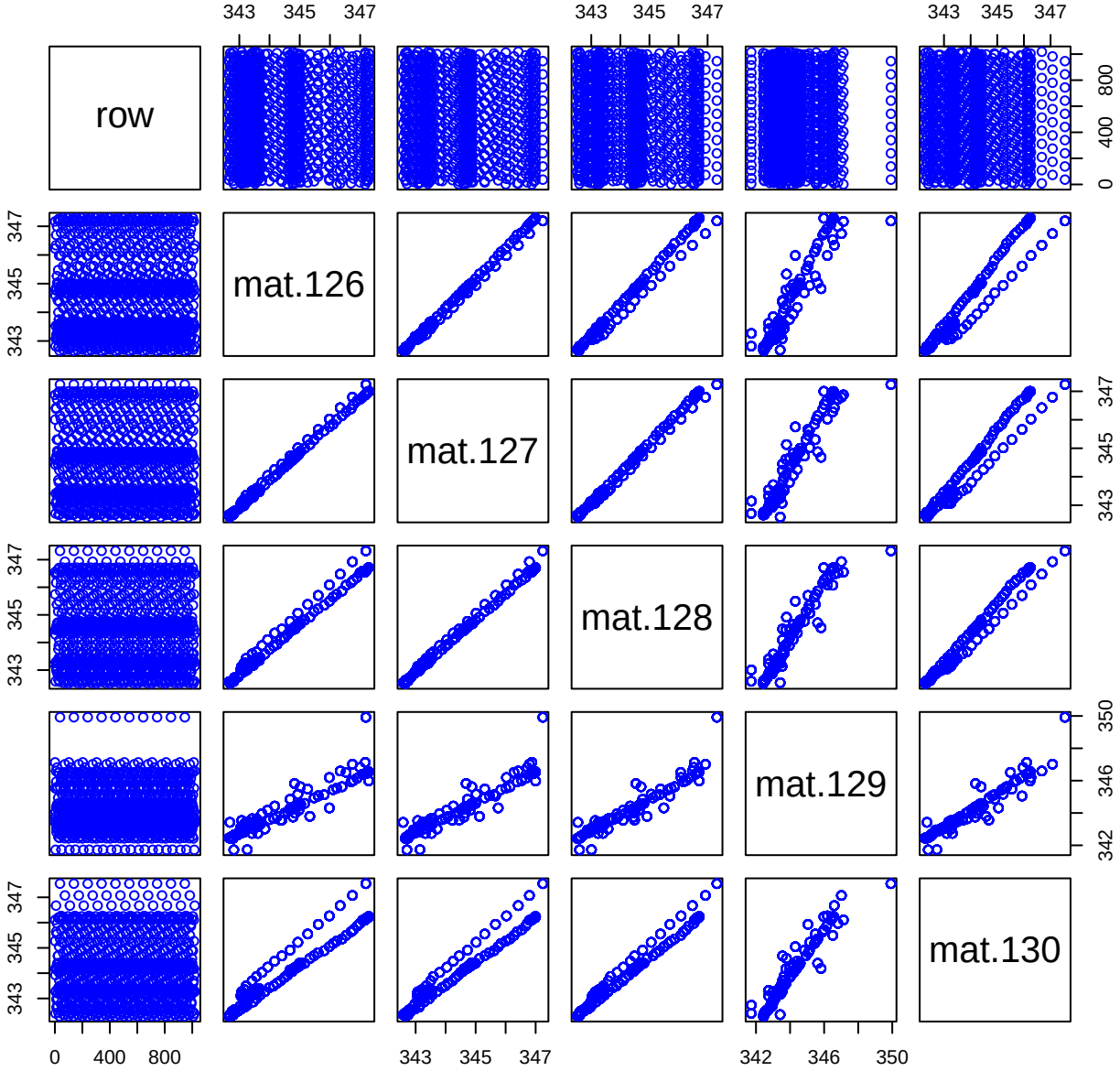
HF253−01 Plot 31



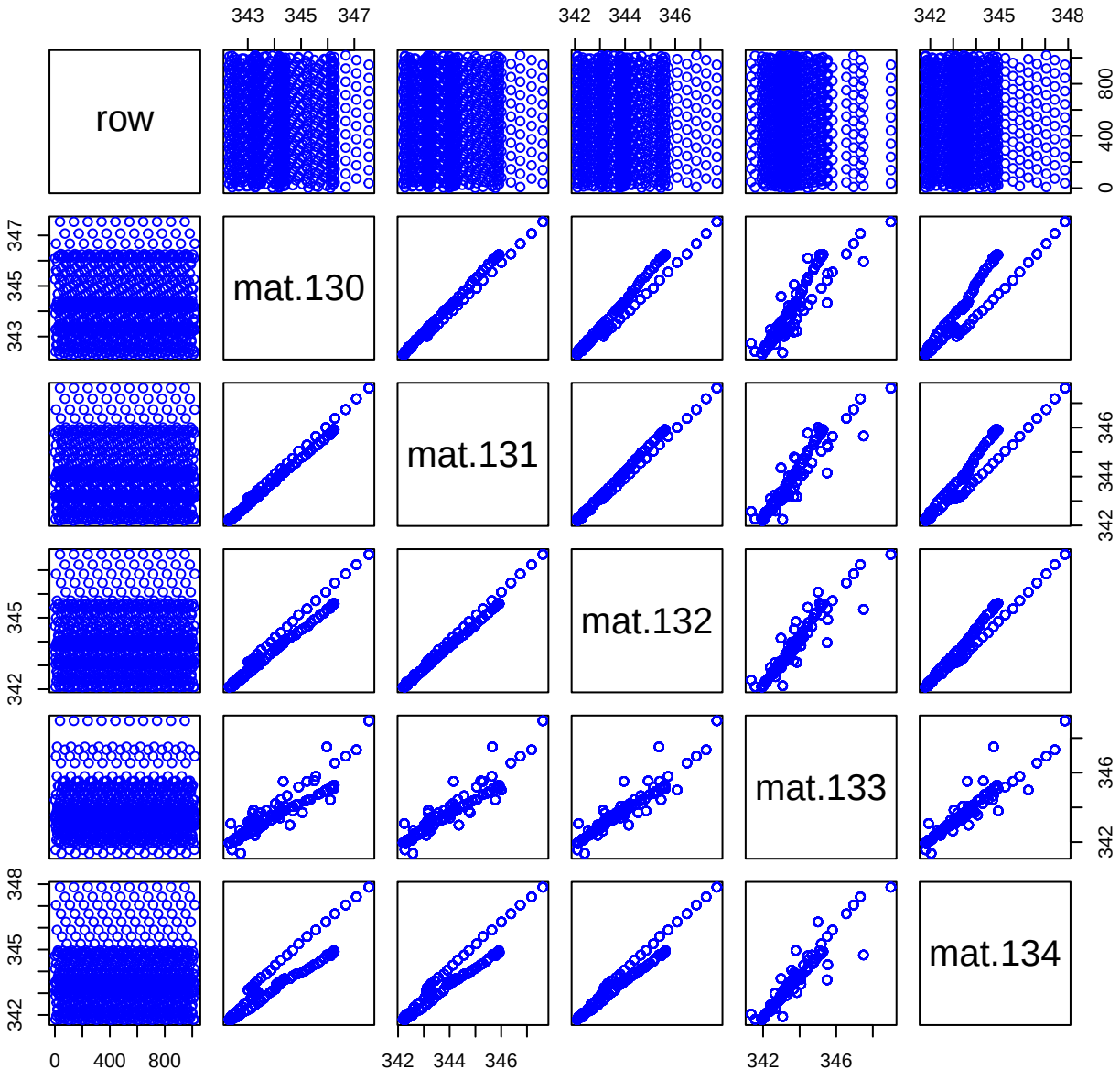
HF253−01 Plot 32



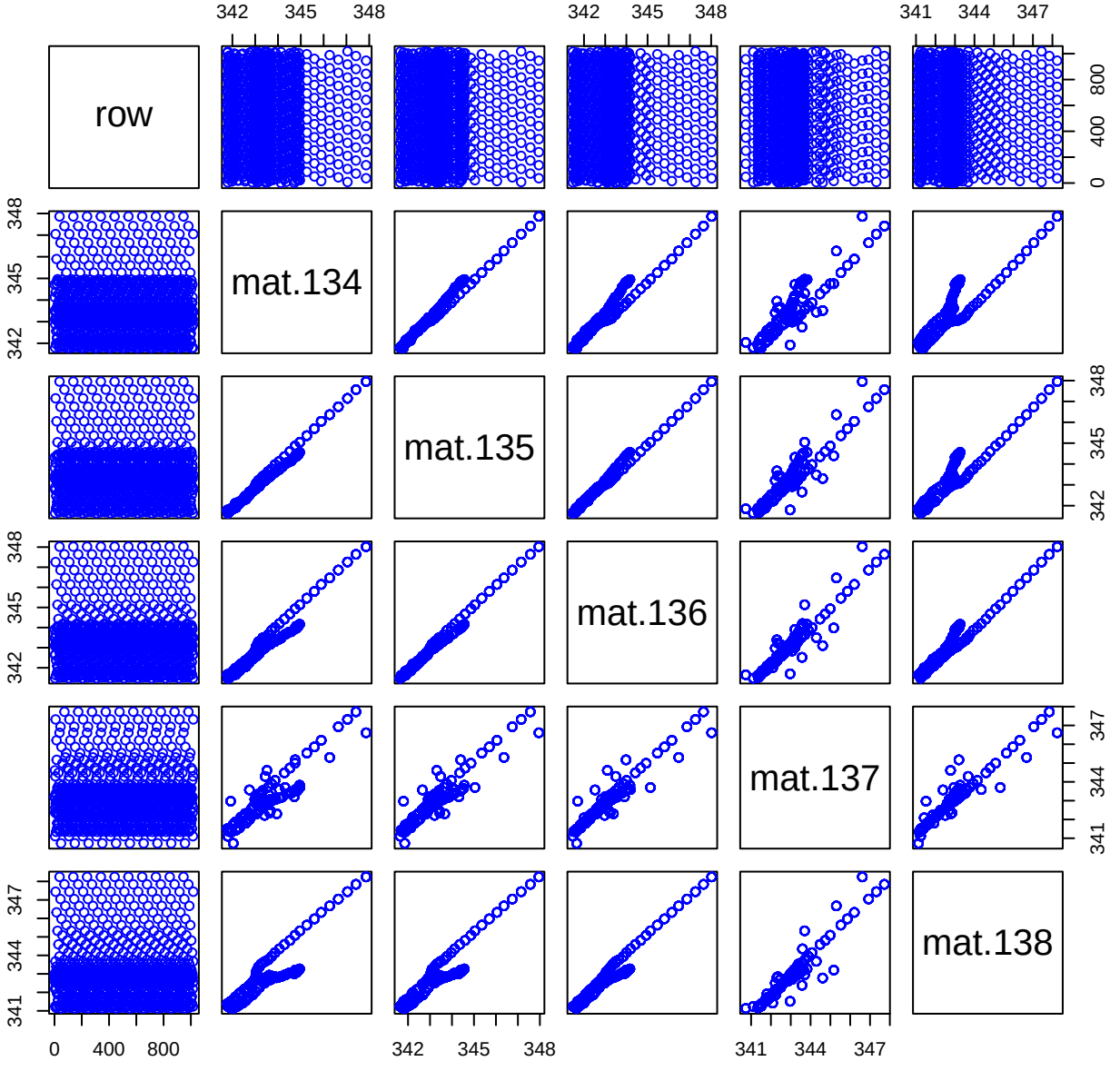
HF253−01 Plot 33



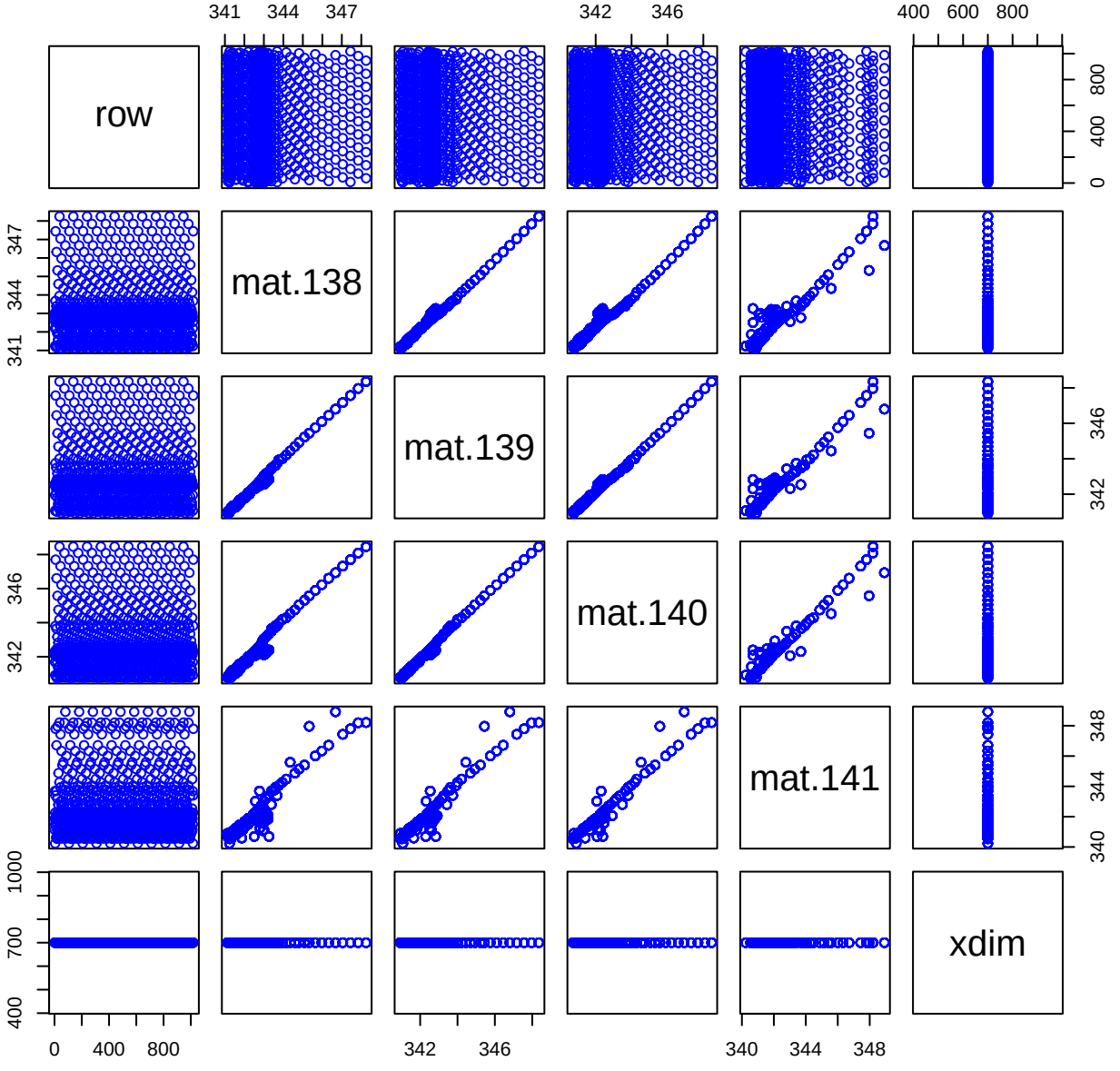
HF253−01 Plot 34



HF253−01 Plot 35



HF253−01 Plot 36



HF253−01 Plot 37