

Harvard Forest Data Archive HF444-11

Data File:

Name = hf444-11-all-storms-new.csv

Description = harvested wood products model, averaged, 16% increase

Rows = 100 Columns = 61

MD5 checksum = 5367da728be71e413c0735bbec25aaf1

Variables:

Year = year following the storm, from 2020 (the year we modeled the storm to occur, showing the pools of downed forest carbon immediately following the storm) to 2119 (100 years after the storm)

X1_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1938_06 (teragram)

X1_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1938_06 (teragram)

X1_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1938_06 (teragram)

X1_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1938_06 (teragram)

X1_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1938_06 (teragram)

X1_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1938_06 (teragram)

X2_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1944_07 (teragram)

X2_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1944_07 (teragram)

X2_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1944_07 (teragram)

X2_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1944_07 (teragram)

X2_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1944_07 (teragram)

X2_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1944_07 (teragram)

X3_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_06 (teragram)

X3_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1954_06 (teragram)

X3_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_06 (teragram)

X3_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_06 (teragram)

X3_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_06 (teragram)

X3_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_06 (teragram)

X4_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_08 (teragram)

X4_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1954_08 (teragram)

X4_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_08 (teragram)

X4_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_08 (teragram)

X4_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_08 (teragram)

X4_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1954_08 (teragram)

X5_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1960_05 (teragram)

X5_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1960_05 (teragram)

X5_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1960_05 (teragram)

X5_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1960_05 (teragram)

X5_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1960_05 (teragram)

X5_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1960_05 (teragram)

X6_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1961_05 (teragram)

X6_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1961_05 (teragram)

X6_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1961_05 (teragram)

X6_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1961_05 (teragram)

X6_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1961_05 (teragram)

X6_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1961_05 (teragram)

X7_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1962_01 (teragram)

X7_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1962_01 (teragram)

X7_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1962_01 (teragram)

X7_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1962_01 (teragram)

X7_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1962_01 (teragram)

X7_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1962_01 (teragram)

X8_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1969_16 (teragram)

X8_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1969_16 (teragram)

X8_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1969_16 (teragram)

X8_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1969_16 (teragram)

X8_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1969_16 (teragram)

X8_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1969_16 (teragram)

X9_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1985_09 (teragram)

X9_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1985_09 (teragram)

X9_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1985_09 (teragram)

X9_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1985_09 (teragram)

X9_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1985_09 (teragram)

X9_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1985_09 (teragram)

X10_PIU = carbon storage pool representing products in use (PIU) in teragrams of CO2 equivalence (TgCO2e) for storm 1991_03 (teragram)

X10_SWDS = carbon storage pool representing solid waste disposal sites (SWDS), such as dumps and landfills, in teragrams of CO2 equivalence (TgCO2e) for storm 1991_03 (teragram)

X10_EEC = carbon emissions pool representing carbon emitted with energy capture (i.e., fuelwood or burned onsite at mills for energy; EEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1991_03 (teragram)

X10_EWOEC = carbon emissions pool representing carbon emitted without energy capture (e.g., decay from SWDS; EWOEC) in teragrams of CO2 equivalence (TgCO2e) for storm 1991_03 (teragram)

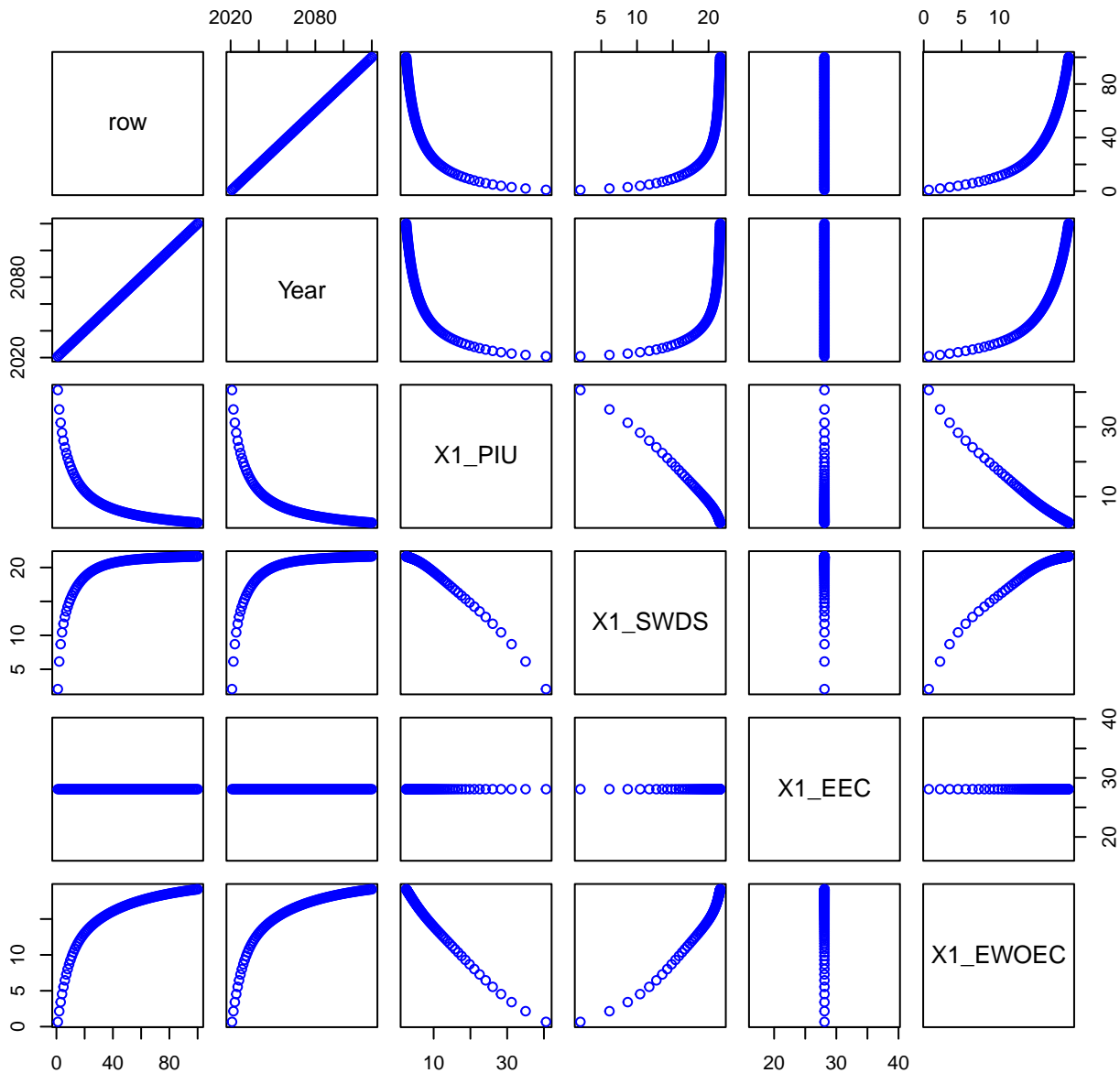
X10_DownE = carbon emissions pool representing carbon decay from downed wood left in the forest (i.e., unsalvaged timber; DFCE) in teragrams of CO2 equivalence (TgCO2e) for storm 1991_03 (teragram)

X10_DownS = carbon storage pool representing carbon from downed wood remaining in the forest (i.e., unsalvaged and not yet decayed downed wood; DFCs) in teragrams of CO2 equivalence (TgCO2e) for storm 1991_03 (teragram)

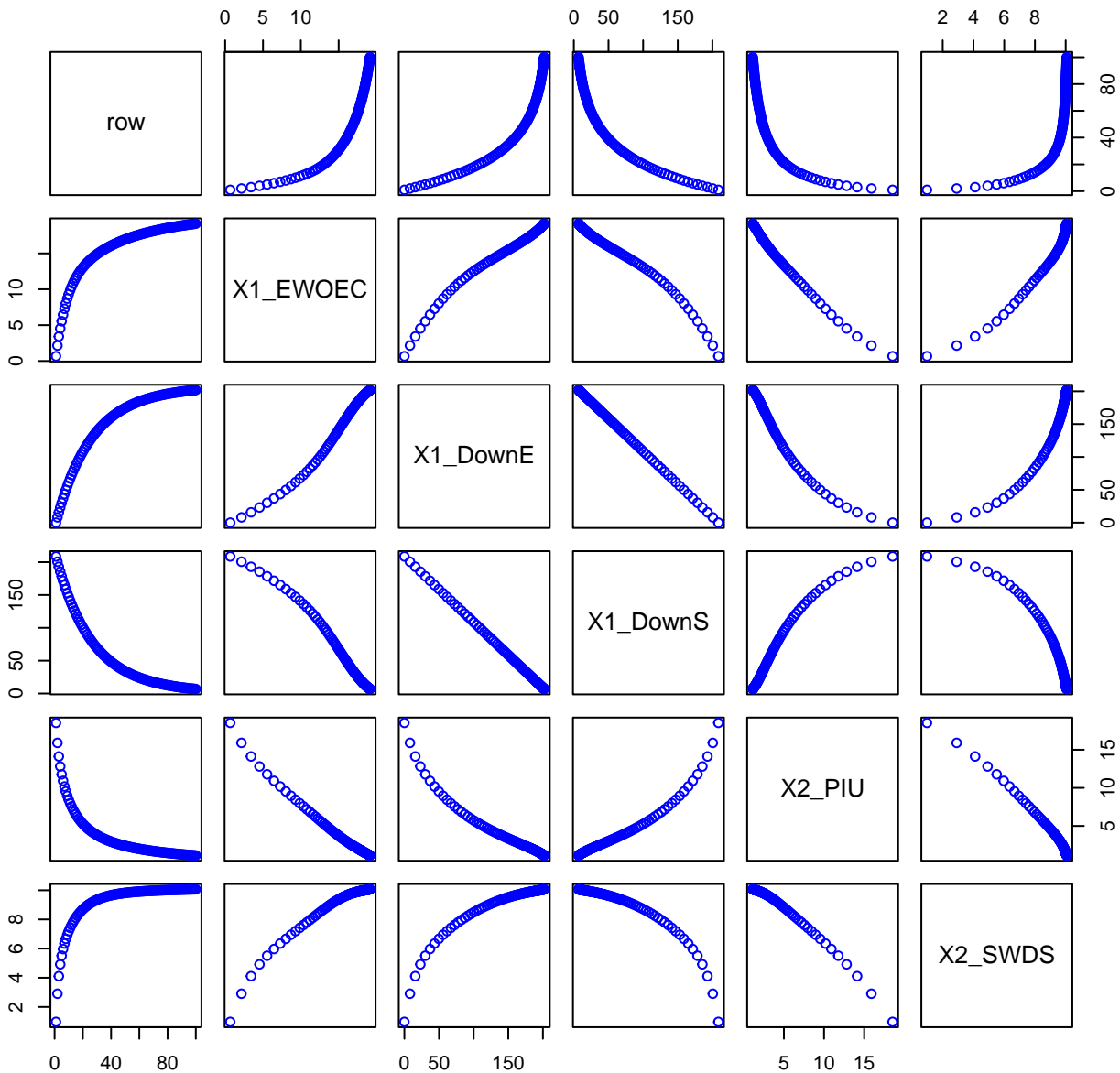
Variable	Min	Median	Mean	Max	NAs
Year	2021.000	2070.500	2070.500	2120.000	0
X1_PIU	2.538	5.261	8.197	40.562	0
X1_SWDS	2.083	21.065	19.626	21.627	0
X1_EEC	28.096	28.096	28.096	28.096	0
X1_EWOEC	0.664	16.983	15.485	19.143	0
X1_DownE	0.000	175.130	152.866	201.814	0
X1_DownS	6.796	33.480	55.743	208.609	0
X2_PIU	1.123	2.356	3.695	18.534	0
X2_SWDS	0.973	9.823	9.155	10.067	0
X2_EEC	12.579	12.579	12.579	12.579	0
X2_EWOEC	0.310	7.638	6.967	8.627	0
X2_DownE	0.000	77.980	68.071	89.906	0
X2_DownS	3.052	14.978	24.887	92.958	0
X3_PIU	2.472	5.078	7.831	38.155	0
X3_SWDS	1.921	19.421	18.097	19.987	0
X3_EEC	26.885	26.885	26.885	26.885	0
X3_EWOEC	0.613	16.190	14.761	18.229	0
X3_DownE	0.000	168.284	146.997	195.133	0
X3_DownS	7.229	34.078	55.365	202.362	0
X4_PIU	0.738	1.531	2.369	11.658	0
X4_SWDS	0.599	6.039	5.630	6.207	0
X4_EEC	8.081	8.081	8.081	8.081	0
X4_EWOEC	0.191	4.878	4.449	5.503	0
X4_DownE	0.000	49.884	43.595	58.086	0
X4_DownS	2.284	10.487	16.776	60.371	0
X5_PIU	0.617	1.296	2.037	10.253	0
X5_SWDS	0.541	5.462	5.091	5.595	0
X5_EEC	6.937	6.937	6.937	6.937	0
X5_EWOEC	0.173	4.208	3.839	4.755	0
X5_DownE	0.000	42.701	37.275	49.228	0
X5_DownS	1.669	8.196	13.622	50.897	0
X6_PIU	0.570	1.204	1.902	9.655	0
X6_SWDS	0.514	5.189	4.837	5.309	0
X6_EEC	6.474	6.474	6.474	6.474	0
X6_EWOEC	0.164	3.940	3.594	4.454	0
X6_DownE	0.000	40.133	35.024	46.165	0
X6_DownS	1.510	7.542	12.651	47.675	0
X7_PIU	0.078	0.163	0.255	1.274	0
X7_SWDS	0.067	0.679	0.633	0.696	0
X7_EEC	0.852	0.852	0.852	0.852	0
X7_EWOEC	0.022	0.521	0.475	0.590	0
X7_DownE	0.000	5.291	4.623	6.151	0
X7_DownS	0.237	1.097	1.765	6.388	0
X8_PIU	0.267	0.559	0.878	4.416	0
X8_SWDS	0.229	2.315	2.158	2.373	0
X8_EEC	3.032	3.032	3.032	3.032	0
X8_EWOEC	0.073	1.843	1.681	2.077	0
X8_DownE	0.000	19.749	17.261	23.017	0
X8_DownS	0.917	4.185	6.673	23.934	0

Variable	Min	Median	Mean	Max	NAs
X9_PIU	1.330	2.732	4.211	20.534	0
X9_SWDS	1.030	10.421	9.713	10.728	0
X9_EEC	14.534	14.534	14.534	14.534	0
X9_EWOEC	0.328	8.740	7.969	9.836	0
X9_DownE	0.000	92.266	80.632	107.406	0
X9_DownS	4.206	19.346	30.980	111.612	0
X10_PIU	1.207	2.518	3.929	19.549	0
X10_SWDS	1.014	10.245	9.548	10.511	0
X10_EEC	13.418	13.418	13.418	13.418	0
X10_EWOEC	0.323	8.124	7.410	9.169	0
X10_DownE	0.000	83.531	72.951	96.703	0
X10_DownS	3.499	16.671	27.251	100.202	0

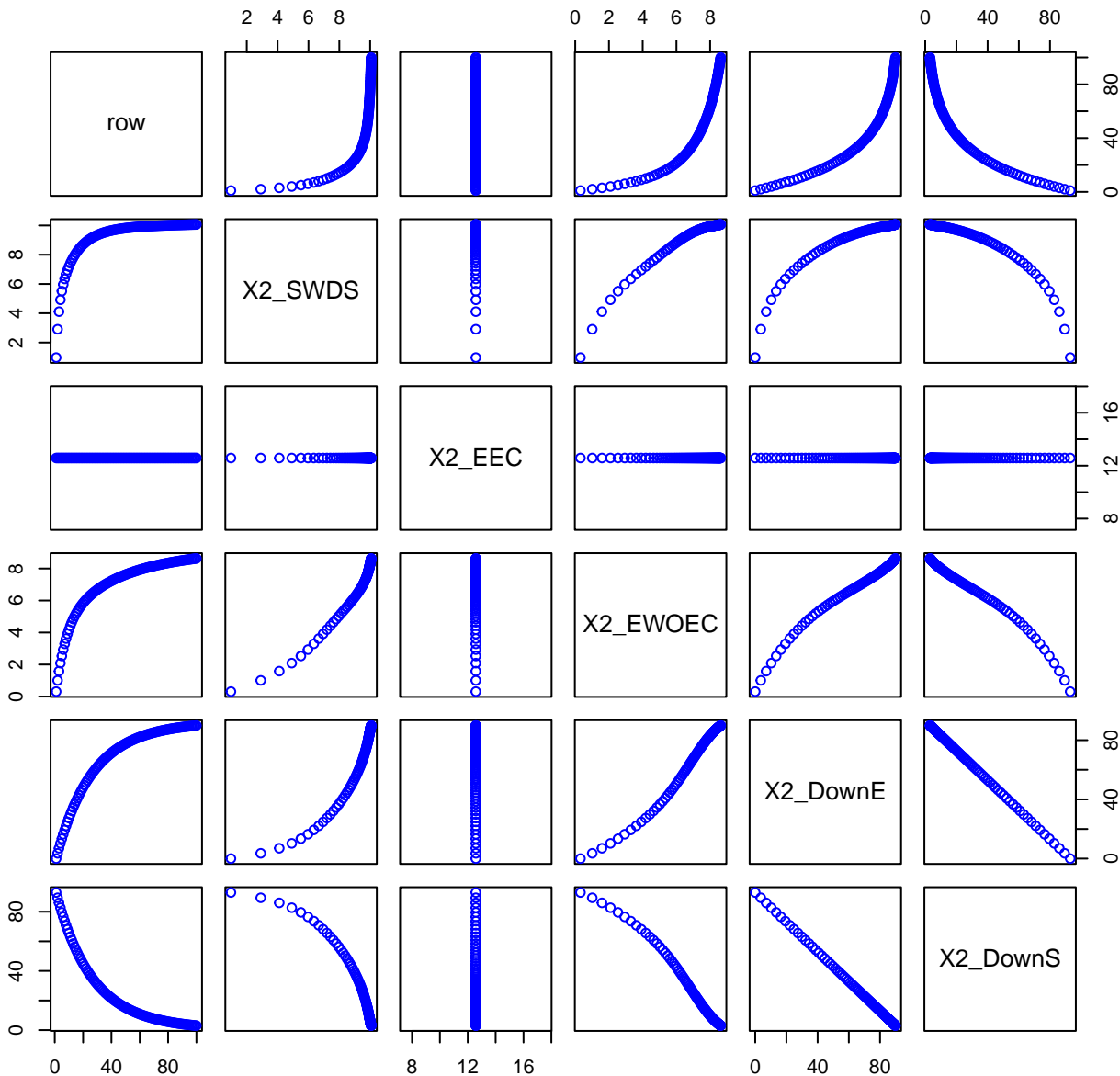
HF444-11 Plot 1



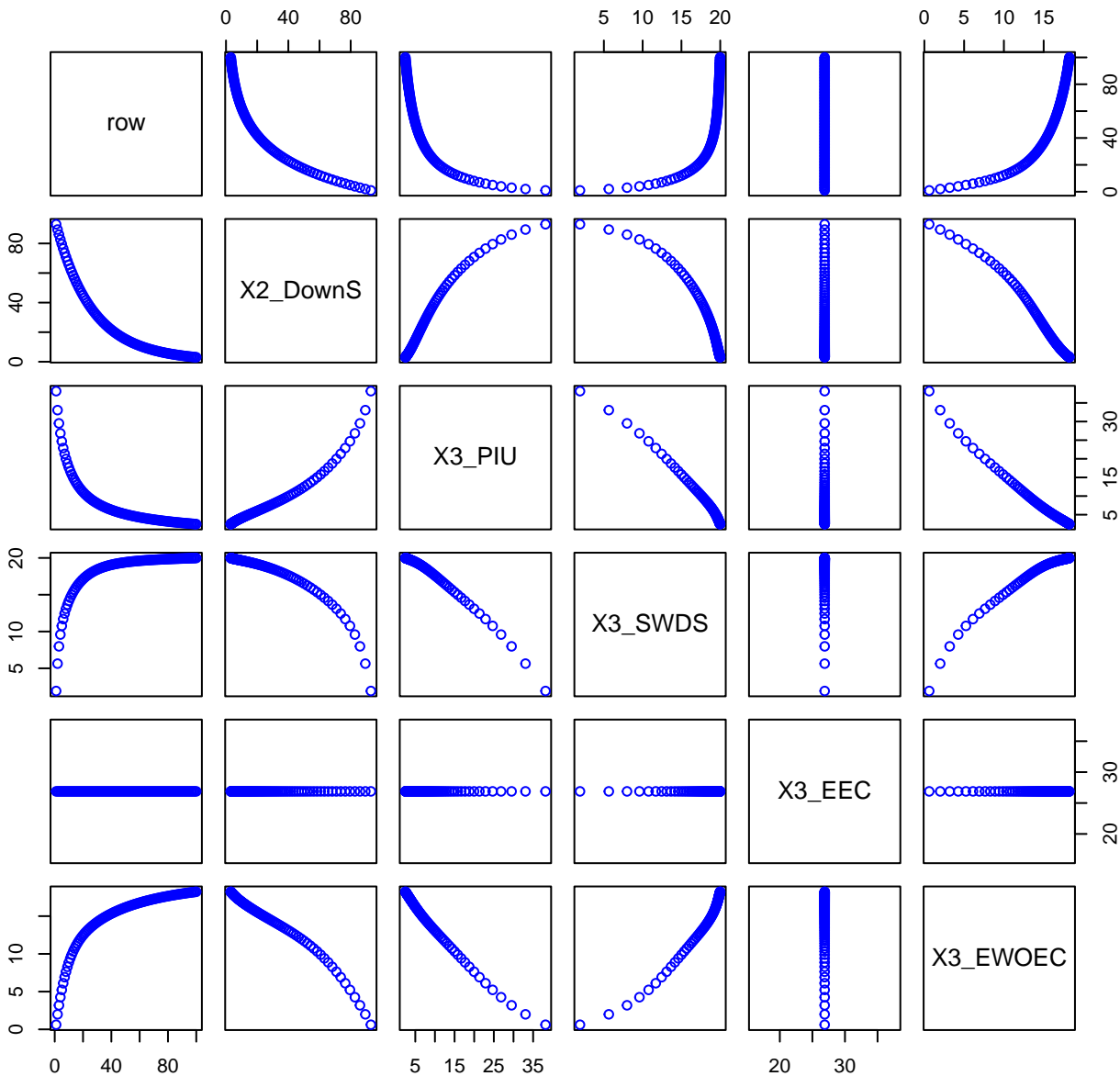
HF444-11 Plot 2



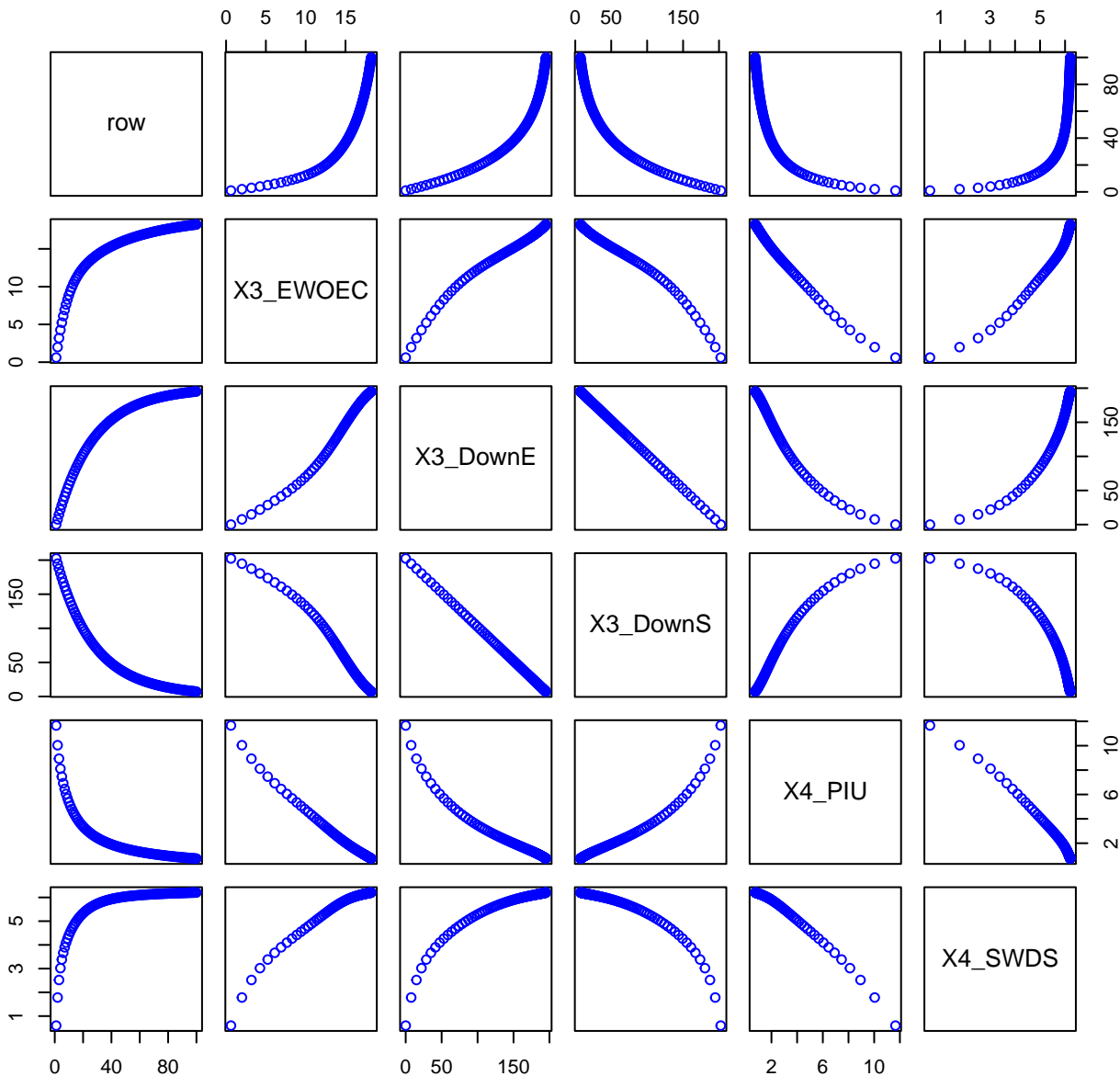
HF44-11 Plot 3



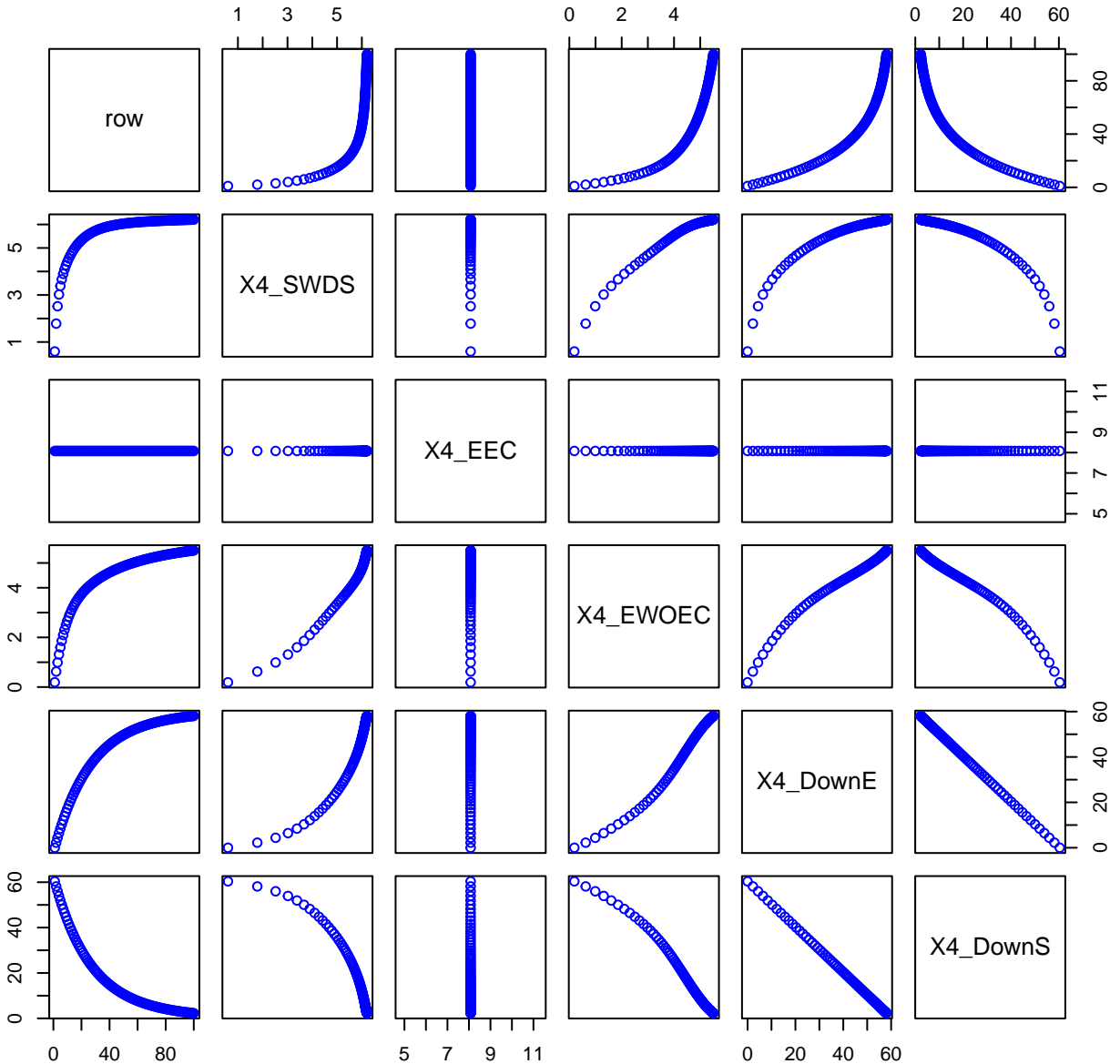
HF444-11 Plot 4



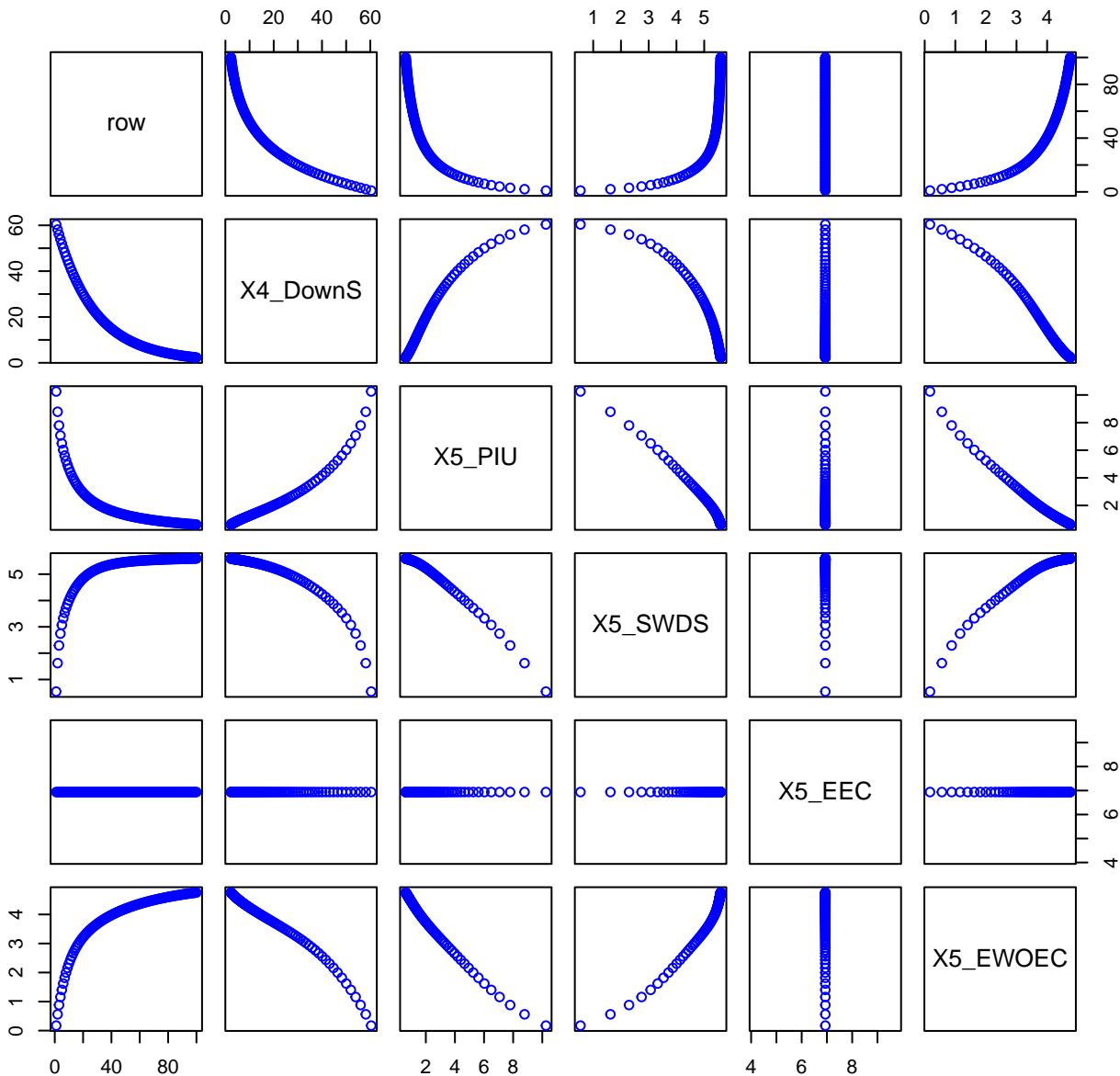
HF444-11 Plot 5



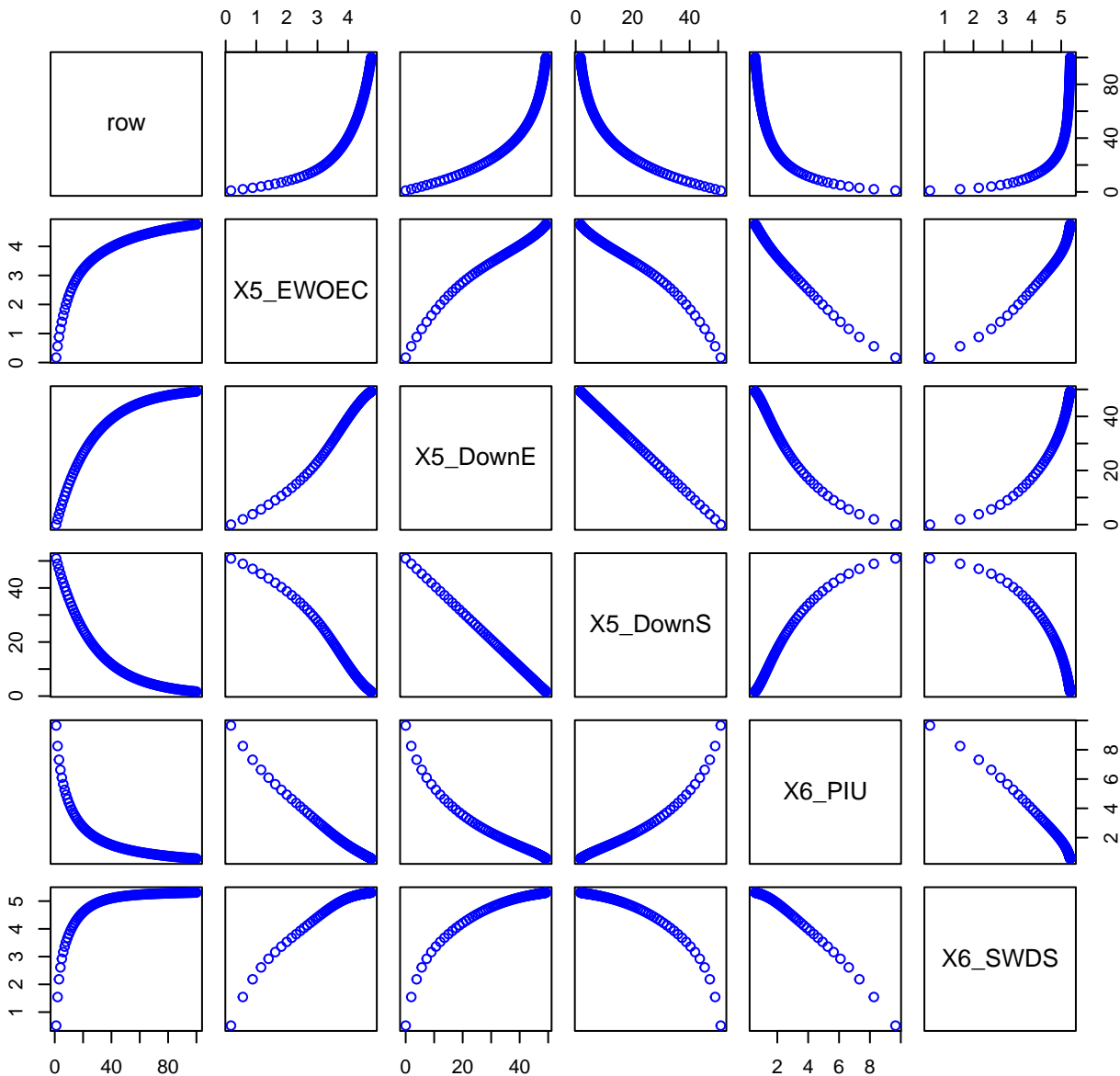
HF44-11 Plot 6



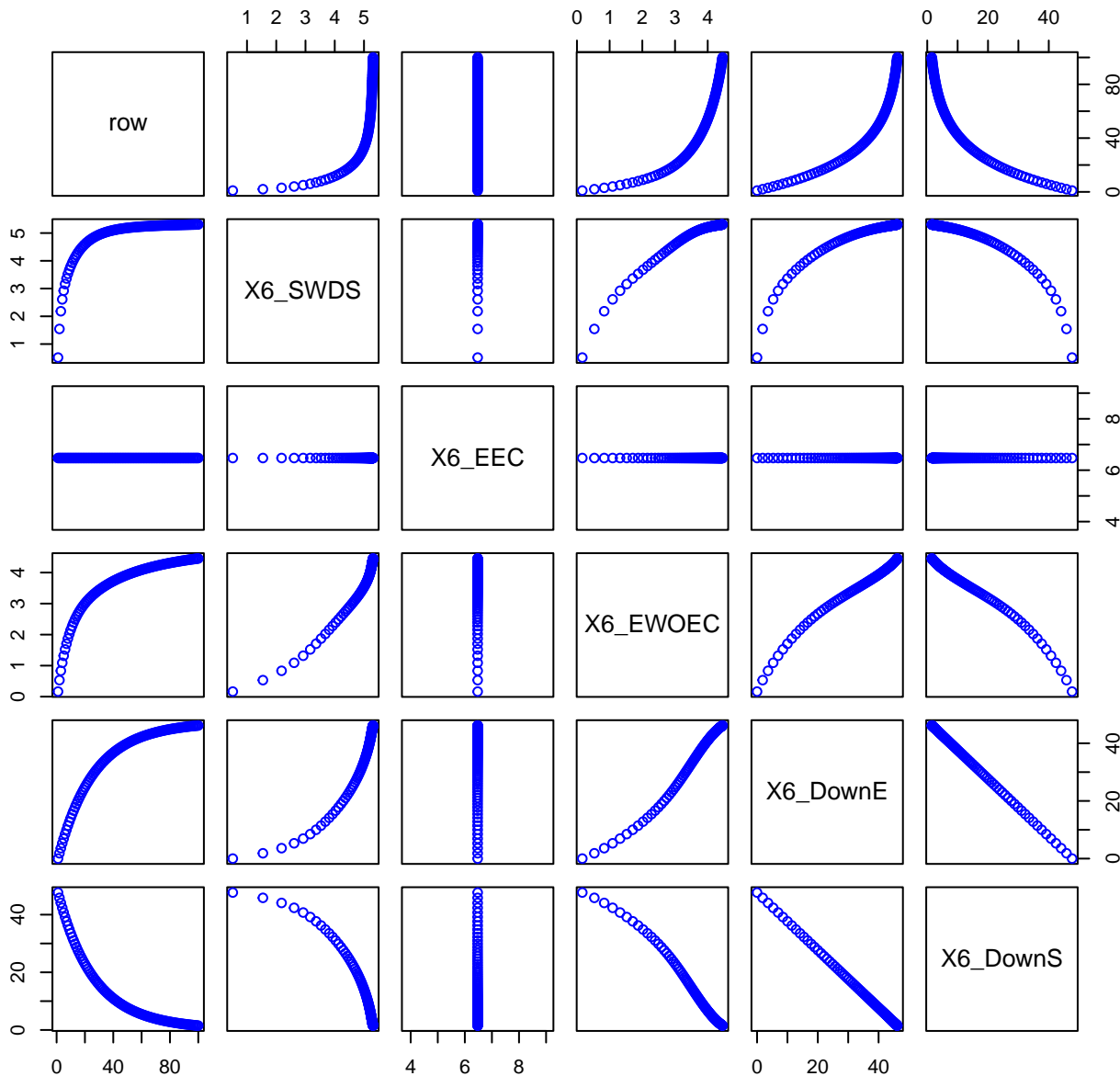
HF44-11 Plot 7



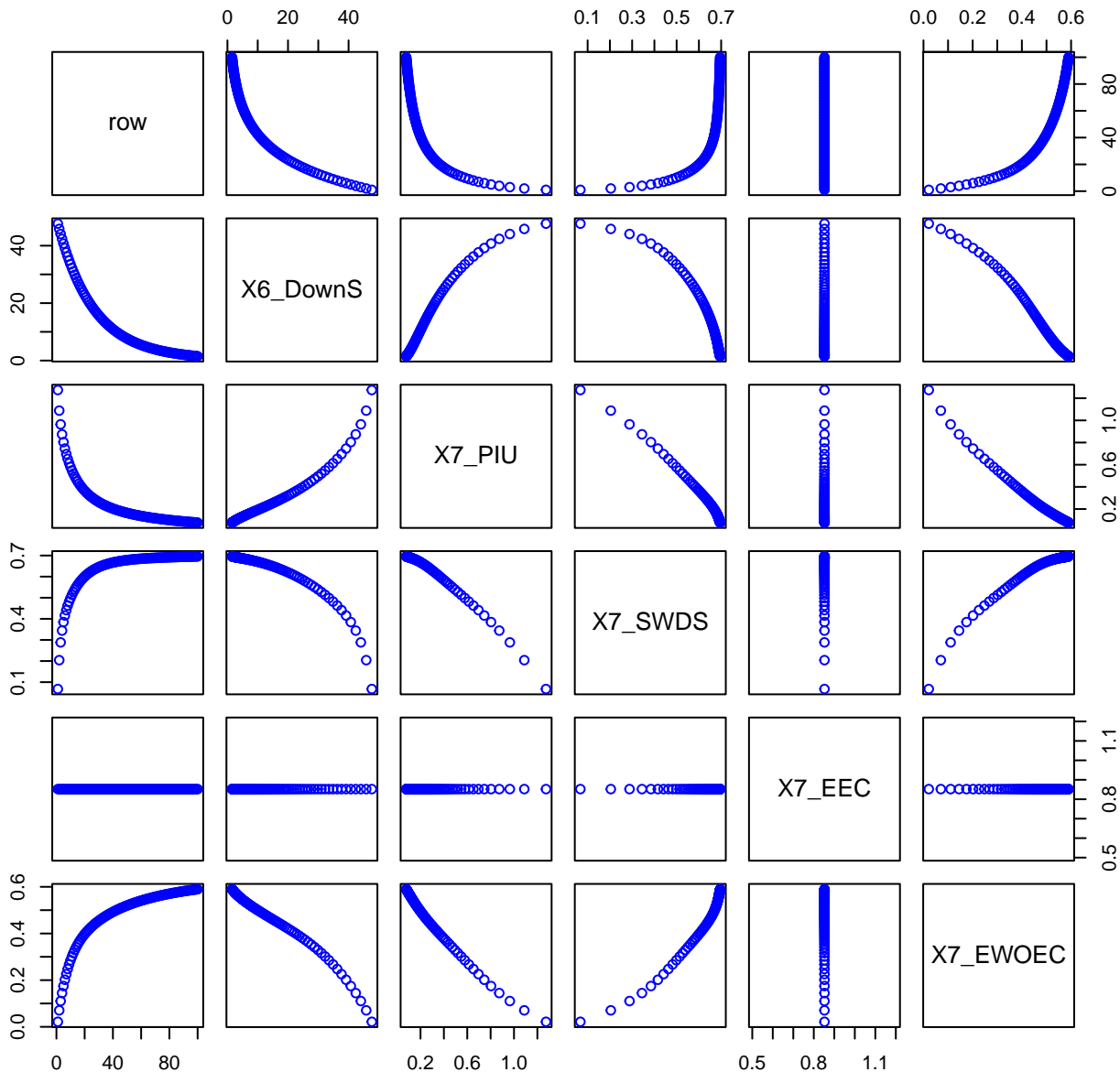
HF444-11 Plot 8



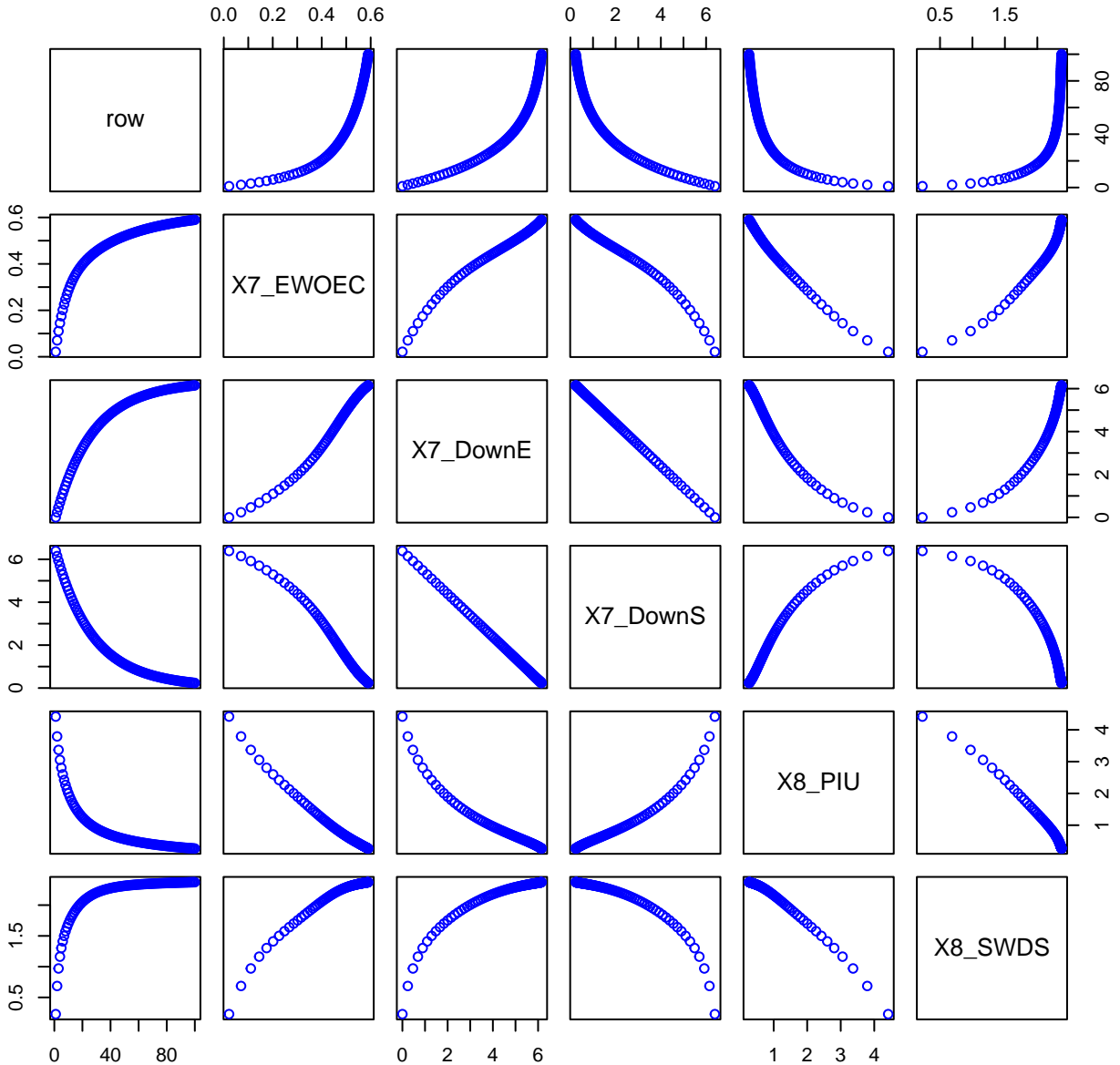
HF444-11 Plot 9



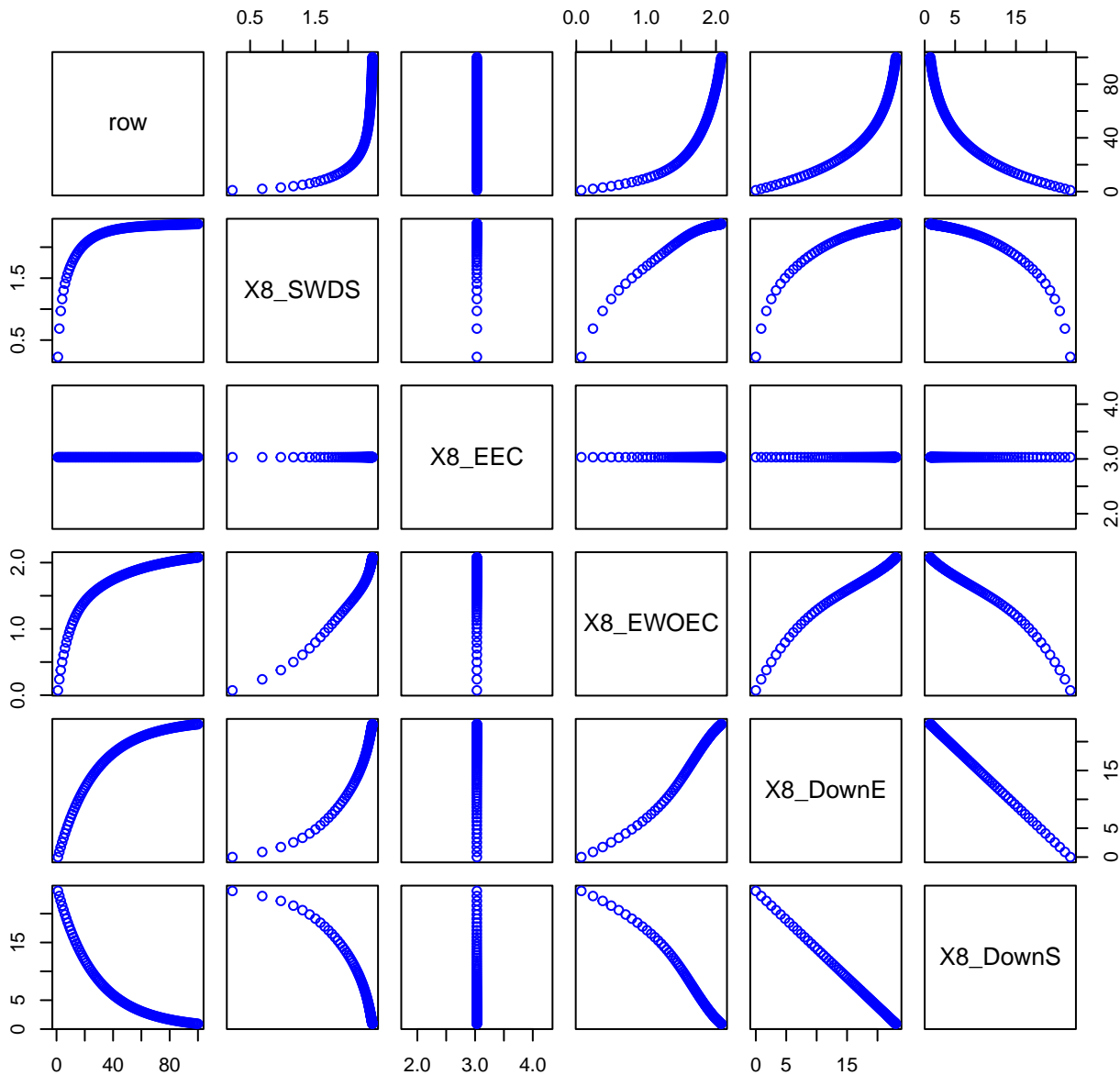
HF444-11 Plot 10



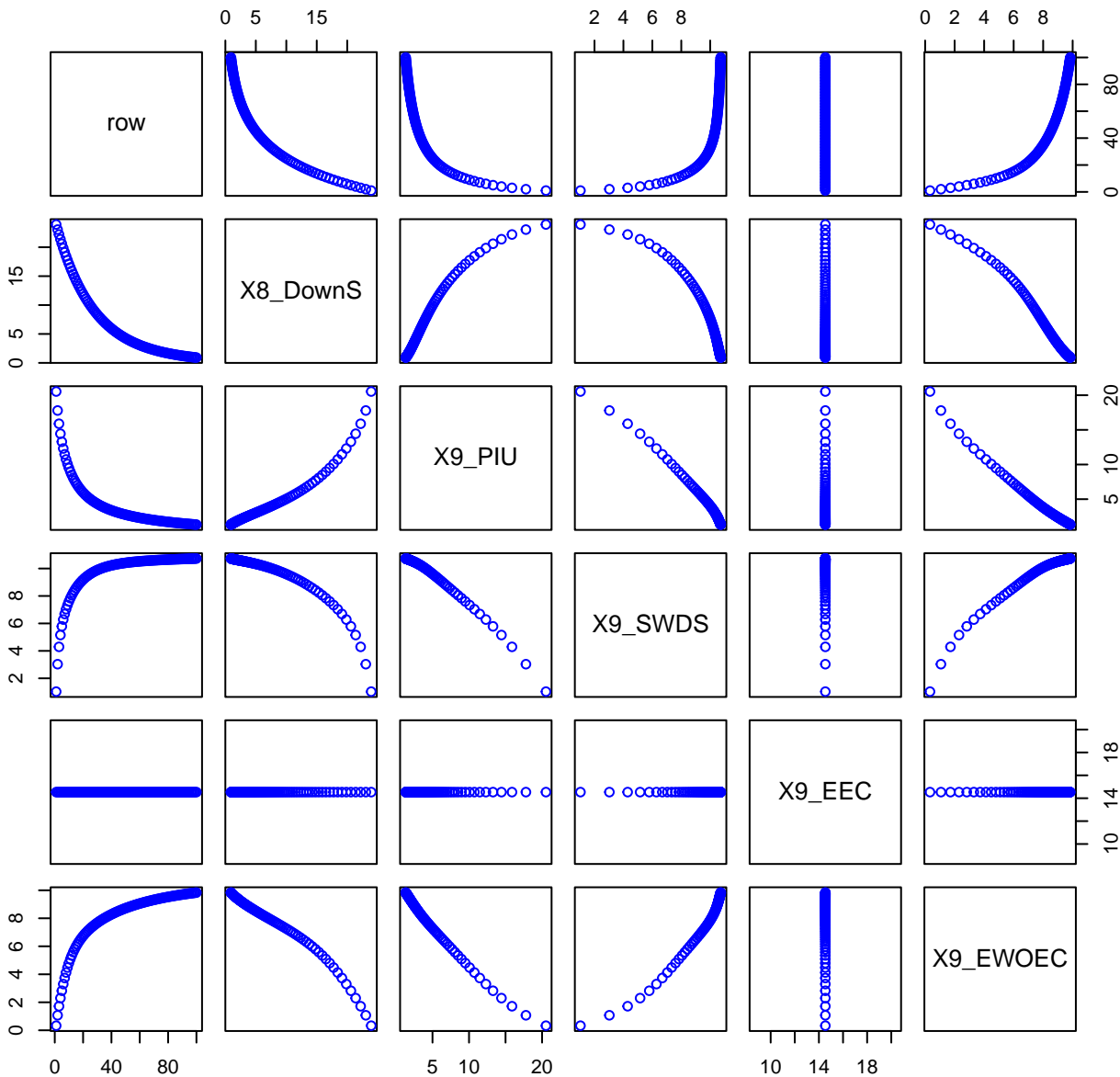
HF444-11 Plot 11



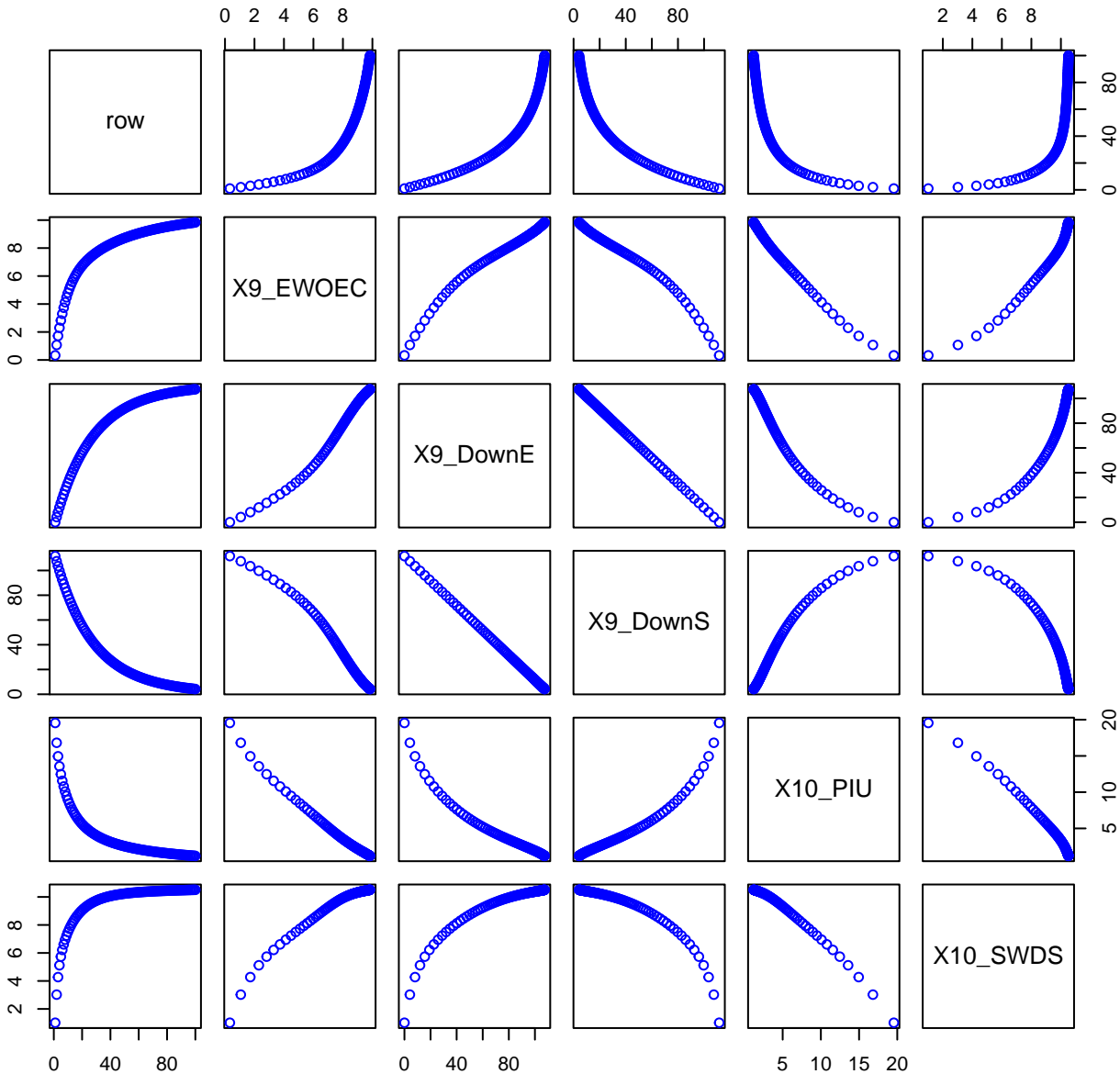
HF444-11 Plot 12



HF444-11 Plot 13



HF444-11 Plot 14



HF444-11 Plot 15

