

PCA plot showing the first two principal components (PC1: 39.15%, PC2: 22.12%) of the data. The plot displays two distinct clusters of samples, colored green and red, representing different groups. The x-axis is labeled PC1: 39.15% and the y-axis is labeled PC2: 22.12%.

Key samples and their approximate coordinates (PC1, PC2) are listed below:

Sample	PC1 (39.15%)	PC2 (22.12%)	Group
PAPSPG	-0.22	0.18	Plant
PAPSPG	-0.21	0.17	Plant
PAPSPG	-0.20	0.16	Plant
PAPSPG	-0.19	0.15	Plant
PAPSPG	-0.18	0.14	Plant
PAPSPG	-0.17	0.13	Plant
PAPSPG	-0.16	0.12	Plant
PAPSPG	-0.15	0.11	Plant
PAPSPG	-0.14	0.10	Plant
PAPSPG	-0.13	0.09	Plant
PAPSPG	-0.12	0.08	Plant
PAPSPG	-0.11	0.07	Plant
PAPSPG	-0.10	0.06	Plant
PAPSPG	-0.09	0.05	Plant
PAPSPG	-0.08	0.04	Plant
PAPSPG	-0.07	0.03	Plant
PAPSPG	-0.06	0.02	Plant
PAPSPG	-0.05	0.01	Plant
PAPSPG	-0.04	0.00	Plant
PAPSPG	-0.03	-0.01	Plant
PAPSPG	-0.02	-0.02	Plant
PAPSPG	-0.01	-0.03	Plant
PAPSPG	0.00	-0.04	Plant
PAPSPG	0.01	-0.05	Plant
PAPSPG	0.02	-0.06	Plant
PAPSPG	0.03	-0.07	Plant
PAPSPG	0.04	-0.08	Plant
PAPSPG	0.05	-0.09	Plant
PAPSPG	0.06	-0.10	Plant
PAPSPG	0.07	-0.11	Plant
PAPSPG	0.08	-0.12	Plant
PAPSPG	0.09	-0.13	Plant
PAPSPG	0.10	-0.14	Plant
PAPSPG	0.11	-0.15	Plant
PAPSPG	0.12	-0.16	Plant
PAPSPG	0.13	-0.17	Plant
PAPSPG	0.14	-0.18	Plant
PAPSPG	0.15	-0.19	Plant
PAPSPG	0.16	-0.20	Plant
PAPSPG	0.17	-0.21	Plant
PAPSPG	0.18	-0.22	Plant
PAPSPG	0.19	-0.23	Plant
PAPSPG	0.20	-0.24	Plant
PAPSPG	0.21	-0.25	Plant
PAPSPG	0.22	-0.26	Plant
PAPSPG	0.23	-0.27	Plant
PAPSPG	0.24	-0.28	Plant
PAPSPG	0.25	-0.29	Plant
PAPSPG	0.26	-0.30	Plant
PAPSPG	0.27	-0.31	Plant
PAPSPG	0.28	-0.32	Plant
PAPSPG	0.29	-0.33	Plant
PAPSPG	0.30	-0.34	Plant
PAPSPG	0.31	-0.35	Plant
PAPSPG	0.32	-0.36	Plant
PAPSPG	0.33	-0.37	Plant
PAPSPG	0.34	-0.38	Plant
PAPSPG	0.35	-0.39	Plant
PAPSPG	0.36	-0.40	Plant
PAPSPG	0.37	-0.41	Plant
PAPSPG	0.38	-0.42	Plant
PAPSPG	0.39	-0.43	Plant
PAPSPG	0.40	-0.44	Plant
PAPSPG	0.41	-0.45	Plant
PAPSPG	0.42	-0.46	Plant
PAPSPG	0.43	-0.47	Plant
PAPSPG	0.44	-0.48	Plant
PAPSPG	0.45	-0.49	Plant
PAPSPG	0.46	-0.50	Plant
PAPSPG	0.47	-0.51	Plant
PAPSPG	0.48	-0.52	Plant
PAPSPG	0.49	-0.53	Plant
PAPSPG	0.50	-0.54	Plant
PAPSPG	0.51	-0.55	Plant
PAPSPG	0.52	-0.56	Plant
PAPSPG	0.53	-0.57	Plant
PAPSPG	0.54	-0.58	Plant
PAPSPG	0.55	-0.59	Plant
PAPSPG	0.56	-0.60	Plant
PAPSPG	0.57	-0.61	Plant
PAPSPG	0.58	-0.62	Plant
PAPSPG	0.59	-0.63	Plant
PAPSPG	0.60	-0.64	Plant
PAPSPG	0.61	-0.65	Plant
PAPSPG	0.62	-0.66	Plant
PAPSPG	0.63	-0.67	Plant
PAPSPG	0.64	-0.68	Plant
PAPSPG	0.65	-0.69	Plant
PAPSPG	0.66	-0.70	Plant
PAPSPG	0.67	-0.7	

PCA plot showing the separation of three groups: PAN (cyan squares), PT (red squares), and P (blue circles). The x-axis is PC1: 87.77% and the y-axis is PC2: 3.84%. A red arrow points from the P group towards the PT group.

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