

SAS Output

```

The CORR Procedure
Pearson Correlation Coefficients, N = 25
Prob > |r| under H0: Rho=0

```

	Comfort	Stability
Comfort	1.00000	0.54265 0.0051
Stability	0.54265 0.0051	1.00000

```

The CORR Procedure
1 Partial Variables: Durability
2 Variables: Comfort Stability
Pearson Partial Correlation Coefficients, N = 25
Prob > |r| under H0: Partial Rho=0

```

	Comfort	Stability
Comfort	1.00000	0.52661 0.0082
Stability	0.52661 0.0082	1.00000

```

xbart
5.6      7.4      5      5.2      12.4

```

```

hotelling test_stat
0.6485062 2.5940248

```

```

crit_val p_value
2.1582272 0.057758

```