**Kuesioner**

**PENGARUH *FASHION INVOLVEMENT, HEDONIC CONSUMPTION TENDENCY* DAN *POSITIVE EMOTION* TERHADAP *IMPULSE BUYING BEHAVIOR* DI METRO *DEPARTEMENT STORE* CIPUTRA WORLD SURABAYA**

Responden Yth,

Saya adalah **Cindy Kharisma**, mahasiswi program Studi Manajemen Fakultas Bisnis Universitas Katolik Widya Mandala Surabaya yang sedang melakukan penelitian mengenai "Pengaruh *Fashion Involvement, Hedonic Consumption Tendency*, dan *Positive Emotion* terhadap *Impulse Buying Behavior* di Metro *Departement Store* Ciputra World Surabaya". Penelitian ini merupakan bagian dari tugas akhir untuk memenuhi sebagian dari syarat-syarat guna mencapai gelar sarjana S-1. Demi tercapainya hasil yang diinginkan, mohon kesediaan anda untuk ikut berpartisipasi dengan mengisi kuesioner ini dengan lengkap dan benar. Semua informasi yang saya peroleh sebagai hasil kuesioner ini bersifat rahasia dan hanya dipergunakan untuk kepentingan akademis. Tidak ada jawaban yang benar ataupun salah dalam penelitian ini. Atas kesediaannya saya ucapkan terima kasih.

Petunjuk : Berilah tanda silang (X) pada nomor yang tersedia sesuai dengan jawaban yang anda pilih. Pilih salah satu jawaban saja untuk setiap pertanyaan, kecuali ada petunjuk khusus.

**Profil Responden**

Untuk mengetahui profil responden yang ada di dalam penelitian ini, saya membutuhkan informasi sebagai berikut :

a. Jenis Kelamin : a. Pria
   b. Wanita

b. Usia : a. 20 s/d 26 tahun
   b. 27 s/d 33 tahun
   c. 34 s/d 40 tahun
   d. 41 s/d 47 tahun
   e. 48 s/d 55 tahun
   f. 56 tahun keatas

c. Intensitas berbelanja di Metro Departement Store dalam 1 bulan :

a. 1-2 kali
b. 3-4 kali
c. lebih dari 4 kali

d. Jenis Pekerjaan : a. Pelajar/Mahasiswa
b. Pegawai Negri
c. Pegawai Swasta
d. Profesional

e. Pengeluaran tiap bulan :
a. Rp. 500.000 – Rp. 1.000.000
b. Rp. 1.000.001 – Rp. 2.000.000
c. Rp. 2.000.001 – Rp. 3.000.000
d. Lebih dari Rp. 3.000.000

Mohon semua pertanyaan di bawah ini diisi dengan lengkap, karena kelengkapan informasi akan membantu peneliti dalam menyelesaikan penelitian.

STS = Sangat Tidak Setuju
TS = Tidak Setuju
N = Netral
S = Setuju
SS = Sangat Setuju

| Pertanyaan | STS | TS | N | S | SS |
|---|---|---|---|---|---|
| **Fashion Involvement** | | | | | |
| Saya biasanya memiliki satu atau lebih pakaian dengan model terbaru | | | | | |
| Berpakaian dengan tepat adalah hal yang penting dalam keseharian saya | | | | | |
| Saya membeli pakaian yang *New Arrival* | | | | | |
| Saya mengikuti informasi tentang *fashion* model terbaru | | | | | |
| **Hedonic Consumption Tendency** | | | | | |
| Saya suka mengkoleksi pakaian-pakaian merek mahal | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Saya merasa percaya diri apabila menggunakan baju dengan merek mahal | | | | | |
| Saya berbelanja untuk menjaga status, penampilan dan gengsi | | | | | |
| **Positive Emotion** | | | | | |
| Saya merasa senang saat akan melakukan belanja | | | | | |
| Saya merasa bersemangat saat akan melakukan belanja | | | | | |
| Saya merasa gembira saat akan melakukan belanja | | | | | |
| Saya merasa berapi-api saat akan melakukan belanja | | | | | |
| **Impulse Buying Behavior** | | | | | |
| Saya membeli pakaian yang tidak saya rencanakan sebelumnya karena tertarik pada model pakaian yang belum pernah dimiliki sebelumnya | | | | | |
| Berbelanja didalam toko saya lakukan tanpa rencana | | | | | |
| Saya membeli pakaian pada display yang "*eye catching*" tanpa berpikir panjang | | | | | |

| X1.1 | X1.2 | X1.3 | X1.4 | X2.1 | X2.2 | X2.3 | X3.1 | X3.2 | X3.3 | X3.4 | Y1.1 | Y1.2 | Y1.3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 |
| 4 | 4 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 2 |
| 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 |
| 4 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 |
| 4 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 |
| 5 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 |
| 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 |
| 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 |
| 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 |
| 4 | 3 | 3 | 3 | 5 | 4 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 2 |
| 3 | 2 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 |
| 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 |
| 5 | 4 | 2 | 2 | 2 | 1 | 1 | 1 | 4 | 5 | 5 | 4 | 4 | 5 |
| 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 4 | 3 | 3 | 4 | 3 |
| 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 |
| 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 3 |
| 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 3 |
| 5 | 4 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 |
| 5 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 |
| 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 4 |
| 2 | 3 | 2 | 3 | 5 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 2 | 3 |
| 5 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 |
| 3 | 4 | 4 | 3 | 5 | 4 | 3 | 1 | 4 | 4 | 3 | 4 | 3 | 4 |
| 4 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 4 |
| 2 | 1 | 1 | 2 | 2 | 1 | 1 | 5 | 1 | 2 | 1 | 2 | 2 | 1 |
| 4 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 |
| 4 | 4 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 2 |
| 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 |
| 4 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 |
| 4 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 |
| 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 |
| 2 | 3 | 2 | 1 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 |
| 3 | 4 | 3 | 5 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 |
| 4 | 3 | 3 | 3 | 5 | 4 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 2 |
| 3 | 2 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 |
| 3 | 4 | 3 | 5 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 |
| 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 |
| 2 | 3 | 3 | 1 | 4 | 4 | 3 | 3 | 2 | 4 | 3 | 3 | 4 | 3 |
| 3 | 4 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 |
| 1 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 3 |
| 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 3 |
| 3 | 4 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 |
| 5 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 |
| 2 | 3 | 2 | 3 | 5 | 3 | 2 | 4 | 2 | 4 | 4 | 3 | 3 | 3 |
| 2 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 2 | 4 | 5 | 2 | 2 |
| 5 | 4 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 1 | 3 | 4 | 1 | 1 |
| 3 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 4 |
| 4 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 5 | 1 |
| 1 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 |
| 4 | 4 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 4 |
| 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 |
| 4 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 |
| 4 | 5 | 3 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 |
| 5 | 4 | 3 | 4 | 3 | 2 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 |
| 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 |
| 2 | 3 | 2 | 2 | 3 | 4 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 |
| 3 | 4 | 3 | 3 | 4 | 2 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 |
| 4 | 3 | 3 | 3 | 5 | 1 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 2 |
| 3 | 2 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 |
| 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 |
| 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 4 | 3 | 3 | 4 | 3 |
| 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 |
| 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 3 |
| 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 3 |
| 5 | 4 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 5 |
| 5 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 3 |
| 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 2 | 3 | 2 | 3 | 5 | 3 | 2 | 5 | 2 | 3 | 4 | 3 | 2 | 3 |
| 5 | 4 | 3 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 |
| 3 | 4 | 2 | 3 | 5 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 |
| 4 | 5 | 1 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 4 |
| 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 |
| 4 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 |
| 4 | 4 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 2 |
| 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 |
| 4 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 |
| 4 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 |
| 5 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 |
| 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 |
| 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 |
| 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 |
| 4 | 3 | 3 | 3 | 5 | 4 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 2 |
| 3 | 2 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 |
| 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 |
| 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 |
| 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 4 | 3 | 3 | 4 | 3 |
| 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 |
| 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 3 |
| 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 3 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 4 | 2 | 4 | 5 | 5 | 5 | 5 | 5 | 2 | 4 | 4 | 5 | 5 |
| 5 | 4 | 4 | 2 | 3 | 3 | 3 | 4 | 4 | 1 | 3 | 3 | 4 | 3 |
| 4 | 3 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 2 | 3 | 2 | 3 | 5 | 3 | 2 | 4 | 2 | 3 | 4 | 3 | 2 | 3 |
| 5 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 |
| 3 | 4 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 |
| 4 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 4 |
| 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 |

| X1TOTAL | X2TOTAL | X3TOTAL | YTOTAL | X1 | X2 | X3 | Y | RES_1 | E2 | LnE2 | RES_2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12,00 | 7,00 | 10,00 | 9,00 | 3,00 | 2,33 | 2,50 | 3,00 | ,35286 | ,12 | -2,08 | 1,00986 |
| 13,00 | 7,00 | 13,00 | 9,00 | 3,25 | 2,33 | 3,25 | 3,00 | -,21005 | ,04 | -3,12 | ,13913 |
| 10,00 | 8,00 | 10,00 | 7,00 | 2,50 | 2,67 | 2,50 | 2,33 | -,15868 | ,03 | -3,68 | -,08086 |
| 14,00 | 11,00 | 14,00 | 11,00 | 3,50 | 3,67 | 3,50 | 3,67 | ,19835 | ,04 | -3,24 | ,34541 |
| 16,00 | 14,00 | 18,00 | 13,00 | 4,00 | 4,67 | 4,50 | 4,33 | ,04820 | ,00 | -6,06 | -2,09639 |
| 16,00 | 10,00 | 14,00 | 11,00 | 4,00 | 3,33 | 3,50 | 3,67 | ,04322 | ,00 | -6,28 | -3,20955 |
| 6,00 | 5,00 | 6,00 | 4,00 | 1,50 | 1,67 | 1,50 | 1,33 | -,18238 | ,03 | -3,40 | ,21745 |
| 9,00 | 8,00 | 10,00 | 7,00 | 2,25 | 2,67 | 2,50 | 2,33 | -,07894 | ,01 | -5,08 | -1,27374 |
| 13,00 | 11,00 | 14,00 | 10,00 | 3,25 | 3,67 | 3,50 | 3,33 | -,05524 | ,00 | -5,79 | -2,00761 |
| 13,00 | 12,00 | 12,00 | 9,00 | 3,25 | 4,00 | 3,00 | 3,00 | -,07083 | ,01 | -5,29 | -1,65697 |
| 10,00 | 10,00 | 10,00 | 7,00 | 2,50 | 3,33 | 2,50 | 2,33 | -,16742 | ,03 | -3,57 | ,22687 |
| 13,00 | 11,00 | 14,00 | 9,00 | 3,25 | 3,67 | 3,50 | 3,00 | -,38857 | ,15 | -1,89 | 1,89399 |
| 13,00 | 4,00 | 15,00 | 13,00 | 3,25 | 1,33 | 3,75 | 4,33 | ,81428 | ,66 | -,41 | 2,79506 |
| 13,00 | 11,00 | 12,00 | 10,00 | 3,25 | 3,67 | 3,00 | 3,33 | ,26687 | ,07 | -2,64 | ,89564 |
| 17,00 | 15,00 | 19,00 | 13,00 | 4,25 | 5,00 | 4,75 | 4,33 | -,19696 | ,04 | -3,25 | ,73886 |
| 9,00 | 7,00 | 11,00 | 7,00 | 2,25 | 2,33 | 2,75 | 2,33 | -,23562 | ,06 | -2,89 | ,93661 |
| 13,00 | 11,00 | 14,00 | 10,00 | 3,25 | 3,67 | 3,50 | 3,33 | -,05524 | ,00 | -5,79 | -2,00761 |
| 16,00 | 15,00 | 18,00 | 14,00 | 4,00 | 5,00 | 4,50 | 4,67 | ,37717 | ,14 | -1,95 | 2,11842 |
| 16,00 | 9,00 | 15,00 | 10,00 | 4,00 | 3,00 | 3,75 | 3,33 | -,44680 | ,20 | -1,61 | 1,48517 |
| 14,00 | 11,00 | 13,00 | 11,00 | 3,50 | 3,67 | 3,25 | 3,67 | ,35940 | ,13 | -2,05 | 1,41080 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 10,00 | 10,00 | 11,00 | 8,00 | 2,50 | 3,33 | 2,75 | 2,67 | ,00486 | ,00 | -10,65 | -6,72758 |
| 18,00 | 14,00 | 18,00 | 14,00 | 4,50 | 4,67 | 4,50 | 4,67 | ,22204 | ,05 | -3,01 | ,55118 |
| 14,00 | 12,00 | 12,00 | 11,00 | 3,50 | 4,00 | 3,00 | 3,67 | ,51609 | ,27 | -1,32 | 2,11132 |
| 18,00 | 14,00 | 18,00 | 13,00 | 4,50 | 4,67 | 4,50 | 4,33 | -,11129 | ,01 | -4,39 | -,83031 |
| 6,00 | 4,00 | 9,00 | 5,00 | 1,50 | 1,33 | 2,25 | 1,67 | -,32784 | ,11 | -2,23 | 1,66039 |
| 12,00 | 7,00 | 10,00 | 9,00 | 3,00 | 2,33 | 2,50 | 3,00 | ,35286 | ,12 | -2,08 | 1,00986 |
| 13,00 | 7,00 | 13,00 | 9,00 | 3,25 | 2,33 | 3,25 | 3,00 | -,21005 | ,04 | -3,12 | ,13913 |
| 10,00 | 8,00 | 10,00 | 7,00 | 2,50 | 2,67 | 2,50 | 2,33 | -,15868 | ,03 | -3,68 | -,08086 |
| 14,00 | 11,00 | 14,00 | 11,00 | 3,50 | 3,67 | 3,50 | 3,67 | ,19835 | ,04 | -3,24 | ,34541 |
| 16,00 | 14,00 | 18,00 | 13,00 | 4,00 | 4,67 | 4,50 | 4,33 | ,04820 | ,00 | -6,06 | -2,09639 |
| 16,00 | 10,00 | 14,00 | 11,00 | 4,00 | 3,33 | 3,50 | 3,67 | ,04322 | ,00 | -6,28 | -3,20955 |
| 7,00 | 5,00 | 6,00 | 4,00 | 1,75 | 1,67 | 1,50 | 1,33 | -,26213 | ,07 | -2,68 | ,73927 |
| 8,00 | 8,00 | 10,00 | 7,00 | 2,00 | 2,67 | 2,50 | 2,33 | ,00081 | ,00 | -14,24 | -10,22868 |
| 15,00 | 11,00 | 14,00 | 10,00 | 3,75 | 3,67 | 3,50 | 3,33 | -,21473 | ,05 | -3,08 | ,30051 |
| 13,00 | 12,00 | 12,00 | 9,00 | 3,25 | 4,00 | 3,00 | 3,00 | -,07083 | ,01 | -5,29 | -1,65697 |
| 10,00 | 10,00 | 10,00 | 7,00 | 2,50 | 3,33 | 2,50 | 2,33 | -,16742 | ,03 | -3,57 | ,22687 |
| 15,00 | 11,00 | 14,00 | 9,00 | 3,75 | 3,67 | 3,50 | 3,00 | -,54807 | ,30 | -1,20 | 2,17451 |
| 17,00 | 14,00 | 19,00 | 13,00 | 4,25 | 4,67 | 4,75 | 4,33 | -,19260 | ,04 | -3,29 | ,59373 |
| 9,00 | 11,00 | 12,00 | 10,00 | 2,25 | 3,67 | 3,00 | 3,33 | ,58585 | ,34 | -1,07 | 3,28288 |
| 14,00 | 15,00 | 19,00 | 13,00 | 3,50 | 5,00 | 4,75 | 4,33 | ,04228 | ,00 | -6,33 | -1,72779 |
| 7,00 | 7,00 | 11,00 | 7,00 | 1,75 | 2,33 | 2,75 | 2,33 | -,07613 | ,01 | -5,15 | -,91566 |
| 13,00 | 11,00 | 14,00 | 10,00 | 3,25 | 3,67 | 3,50 | 3,33 | -,05524 | ,00 | -5,79 | -2,00761 |
| 14,00 | 15,00 | 18,00 | 14,00 | 3,50 | 5,00 | 4,50 | 4,67 | ,53666 | ,29 | -1,24 | 3,23107 |
| 16,00 | 9,00 | 15,00 | 9,00 | 4,00 | 3,00 | 3,75 | 3,00 | -,78013 | ,61 | -,50 | 2,59987 |
| 14,00 | 11,00 | 13,00 | 12,00 | 3,50 | 3,67 | 3,25 | 4,00 | ,69273 | ,48 | -,73 | 2,72322 |
| 10,00 | 10,00 | 14,00 | 9,00 | 2,50 | 3,33 | 3,50 | 3,00 | -,14497 | ,02 | -3,86 | ,43270 |
| 15,00 | 14,00 | 15,00 | 9,00 | 3,75 | 4,67 | 3,75 | 3,00 | -,72222 | ,52 | -,65 | 3,15070 |
| 16,00 | 12,00 | 12,00 | 6,00 | 4,00 | 4,00 | 3,00 | 2,00 | -1,31007 | 1,72 | ,54 | 3,56713 |
| 17,00 | 14,00 | 17,00 | 13,00 | 4,25 | 4,67 | 4,25 | 4,33 | ,12951 | ,02 | -4,09 | -,44683 |
| 8,00 | 4,00 | 6,00 | 8,00 | 2,00 | 1,33 | 1,50 | 2,67 | ,99583 | ,99 | -,01 | 3,10482 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 9,00 | 7,00 | 10,00 | 9,00 | 2,25 | 2,33 | 2,50 | 3,00 | ,59210 | ,35 | -1,05 | 2,65603 |
| 13,00 | 7,00 | 13,00 | 11,00 | 3,25 | 2,33 | 3,25 | 3,67 | ,45662 | ,21 | -1,57 | 1,69211 |
| 10,00 | 8,00 | 10,00 | 8,00 | 2,50 | 2,67 | 2,50 | 2,67 | ,17465 | ,03 | -3,49 | ,11089 |
| 14,00 | 11,00 | 14,00 | 11,00 | 3,50 | 3,67 | 3,50 | 3,67 | ,19835 | ,04 | -3,24 | ,34541 |
| 16,00 | 13,00 | 18,00 | 13,00 | 4,00 | 4,33 | 4,50 | 4,33 | ,05257 | ,00 | -5,89 | -2,02323 |
| 16,00 | 8,00 | 14,00 | 11,00 | 4,00 | 2,67 | 3,50 | 3,67 | ,05196 | ,00 | -5,91 | -3,04203 |
| 6,00 | 5,00 | 6,00 | 4,00 | 1,50 | 1,67 | 1,50 | 1,33 | -,18238 | ,03 | -3,40 | ,21745 |
| 9,00 | 9,00 | 10,00 | 7,00 | 2,25 | 3,00 | 2,50 | 2,33 | -,08330 | ,01 | -4,97 | -1,06576 |
| 13,00 | 9,00 | 14,00 | 10,00 | 3,25 | 3,00 | 3,50 | 3,33 | -,04651 | ,00 | -6,14 | -2,55240 |
| 13,00 | 9,00 | 12,00 | 9,00 | 3,25 | 3,00 | 3,00 | 3,00 | -,05773 | ,00 | -5,70 | -2,36686 |
| 10,00 | 10,00 | 10,00 | 7,00 | 2,50 | 3,33 | 2,50 | 2,33 | -,16742 | ,03 | -3,57 | ,22687 |
| 13,00 | 11,00 | 14,00 | 9,00 | 3,25 | 3,67 | 3,50 | 3,00 | -,38857 | ,15 | -1,89 | 1,89399 |
| 17,00 | 14,00 | 19,00 | 13,00 | 4,25 | 4,67 | 4,75 | 4,33 | -,19260 | ,04 | -3,29 | ,59373 |
| 13,00 | 11,00 | 12,00 | 10,00 | 3,25 | 3,67 | 3,00 | 3,33 | ,26687 | ,07 | -2,64 | ,89564 |
| 17,00 | 15,00 | 19,00 | 13,00 | 4,25 | 5,00 | 4,75 | 4,33 | -,19696 | ,04 | -3,25 | ,73886 |
| 9,00 | 7,00 | 11,00 | 7,00 | 2,25 | 2,33 | 2,75 | 2,33 | -,23562 | ,06 | -2,89 | ,93661 |
| 13,00 | 11,00 | 14,00 | 10,00 | 3,25 | 3,67 | 3,50 | 3,33 | -,05524 | ,00 | -5,79 | -2,00761 |
| 16,00 | 15,00 | 17,00 | 14,00 | 4,00 | 5,00 | 4,25 | 4,67 | ,53822 | ,29 | -1,24 | 2,70612 |
| 16,00 | 9,00 | 14,00 | 10,00 | 4,00 | 3,00 | 3,50 | 3,33 | -,28575 | ,08 | -2,51 | ,46770 |
| 14,00 | 11,00 | 14,00 | 11,00 | 3,50 | 3,67 | 3,50 | 3,67 | ,19835 | ,04 | -3,24 | ,34541 |
| 10,00 | 10,00 | 14,00 | 8,00 | 2,50 | 3,33 | 3,50 | 2,67 | -,47830 | ,23 | -1,48 | 2,82017 |
| 17,00 | 14,00 | 18,00 | 14,00 | 4,25 | 4,67 | 4,50 | 4,67 | ,30179 | ,09 | -2,40 | 1,36855 |
| 12,00 | 12,00 | 14,00 | 11,00 | 3,00 | 4,00 | 3,50 | 3,67 | ,35347 | ,12 | -2,08 | 2,00858 |
| 15,00 | 14,00 | 19,00 | 13,00 | 3,75 | 4,67 | 4,75 | 4,33 | -,03310 | ,00 | -6,82 | -2,52087 |
| 6,00 | 4,00 | 6,00 | 5,00 | 1,50 | 1,33 | 1,50 | 1,67 | ,15532 | ,02 | -3,72 | -,20404 |
| 12,00 | 7,00 | 10,00 | 9,00 | 3,00 | 2,33 | 2,50 | 3,00 | ,35286 | ,12 | -2,08 | 1,00986 |
| 13,00 | 7,00 | 13,00 | 9,00 | 3,25 | 2,33 | 3,25 | 3,00 | -,21005 | ,04 | -3,12 | ,13913 |
| 10,00 | 8,00 | 10,00 | 7,00 | 2,50 | 2,67 | 2,50 | 2,33 | -,15868 | ,03 | -3,68 | -,08086 |
| 14,00 | 11,00 | 14,00 | 11,00 | 3,50 | 3,67 | 3,50 | 3,67 | ,19835 | ,04 | -3,24 | ,34541 |
| 16,00 | 14,00 | 18,00 | 13,00 | 4,00 | 4,67 | 4,50 | 4,33 | ,04820 | ,00 | -6,06 | -2,09639 |
| 16,00 | 10,00 | 14,00 | 11,00 | 4,00 | 3,33 | 3,50 | 3,67 | ,04322 | ,00 | -6,28 | -3,20955 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6,00 | 5,00 | 6,00 | 4,00 | 1,50 | 1,67 | 1,50 | 1,33 | -,18238 | ,03 | -3,40 | ,21745 |
| 9,00 | 8,00 | 10,00 | 7,00 | 2,25 | 2,67 | 2,50 | 2,33 | -,07894 | ,01 | -5,08 | -1,27374 |
| 13,00 | 11,00 | 14,00 | 10,00 | 3,25 | 3,67 | 3,50 | 3,33 | -,05524 | ,00 | -5,79 | -2,00761 |
| 13,00 | 12,00 | 12,00 | 9,00 | 3,25 | 4,00 | 3,00 | 3,00 | -,07083 | ,01 | -5,29 | -1,65697 |
| 10,00 | 10,00 | 10,00 | 7,00 | 2,50 | 3,33 | 2,50 | 2,33 | -,16742 | ,03 | -3,57 | ,22687 |
| 13,00 | 11,00 | 14,00 | 9,00 | 3,25 | 3,67 | 3,50 | 3,00 | -,38857 | ,15 | -1,89 | 1,89399 |
| 17,00 | 14,00 | 19,00 | 13,00 | 4,25 | 4,67 | 4,75 | 4,33 | -,19260 | ,04 | -3,29 | ,59373 |
| 13,00 | 11,00 | 12,00 | 10,00 | 3,25 | 3,67 | 3,00 | 3,33 | ,26687 | ,07 | -2,64 | ,89564 |
| 17,00 | 15,00 | 19,00 | 13,00 | 4,25 | 5,00 | 4,75 | 4,33 | -,19696 | ,04 | -3,25 | ,73886 |
| 9,00 | 7,00 | 11,00 | 7,00 | 2,25 | 2,33 | 2,75 | 2,33 | -,23562 | ,06 | -2,89 | ,93661 |
| 13,00 | 11,00 | 14,00 | 10,00 | 3,25 | 3,67 | 3,50 | 3,33 | -,05524 | ,00 | -5,79 | -2,00761 |
| 15,00 | 15,00 | 16,00 | 14,00 | 3,75 | 5,00 | 4,00 | 4,67 | ,77902 | ,61 | -,50 | 3,52586 |
| 15,00 | 9,00 | 12,00 | 10,00 | 3,75 | 3,00 | 3,00 | 3,33 | ,11611 | ,01 | -4,31 | -1,37669 |
| 16,00 | 11,00 | 14,00 | 11,00 | 4,00 | 3,67 | 3,50 | 3,67 | ,03885 | ,00 | -6,50 | -3,32229 |
| 10,00 | 10,00 | 13,00 | 8,00 | 2,50 | 3,33 | 3,25 | 2,67 | -,31725 | ,10 | -2,30 | 1,87560 |
| 18,00 | 14,00 | 18,00 | 14,00 | 4,50 | 4,67 | 4,50 | 4,67 | ,22204 | ,05 | -3,01 | ,55118 |
| 14,00 | 12,00 | 15,00 | 11,00 | 3,50 | 4,00 | 3,75 | 3,67 | ,03293 | ,00 | -6,83 | -3,02235 |
| 18,00 | 14,00 | 18,00 | 13,00 | 4,50 | 4,67 | 4,50 | 4,33 | -,11129 | ,01 | -4,39 | -,83031 |
| 6,00 | 4,00 | 6,00 | 5,00 | 1,50 | 1,33 | 1,50 | 1,67 | ,15532 | ,02 | -3,72 | -,20404 |

**T-Test**

**One-Sample Statistics**

| | N | Mean | Std. Deviation | Std. Error Mean |
|---|---|---|---|---|
| X1.1 | 100 | 3,57 | 1,075 | ,108 |
| X1.2 | 100 | 3,28 | 1,045 | ,105 |
| X1.3 | 100 | 2,91 | ,830 | ,083 |
| X1.4 | 100 | 3,08 | 1,051 | ,105 |
| X2.1 | 100 | 3,74 | 1,011 | ,101 |
| X2.2 | 100 | 3,33 | 1,215 | ,121 |
| X2.3 | 100 | 3,20 | 1,155 | ,115 |
| X3.1 | 100 | 3,34 | 1,130 | ,113 |
| X3.2 | 100 | 3,12 | 1,148 | ,115 |
| X3.3 | 100 | 3,46 | 1,049 | ,105 |
| X3.4 | 100 | 3,36 | ,894 | ,089 |
| Y1.1 | 100 | 3,28 | ,780 | ,078 |
| Y1.2 | 100 | 3,35 | 1,077 | ,108 |
| Y1.3 | 100 | 3,14 | 1,206 | ,121 |

**One-Sample Test**

| | Test Value = 0 | | | | | |
|---|---|---|---|---|---|---|
| | | | | | 95% Confidence Interval of the Difference | |
| | t | df | Sig. (2-tailed) | Mean Difference | Lower | Upper |
| X1.1 | 33,194 | 99 | ,000 | 3,570 | 3,36 | 3,78 |
| X1.2 | 31,380 | 99 | ,000 | 3,280 | 3,07 | 3,49 |
| X1.3 | 35,063 | 99 | ,000 | 2,910 | 2,75 | 3,07 |
| X1.4 | 29,305 | 99 | ,000 | 3,080 | 2,87 | 3,29 |
| X2.1 | 36,984 | 99 | ,000 | 3,740 | 3,54 | 3,94 |
| X2.2 | 27,411 | 99 | ,000 | 3,330 | 3,09 | 3,57 |
| X2.3 | 27,713 | 99 | ,000 | 3,200 | 2,97 | 3,43 |
| X3.1 | 29,554 | 99 | ,000 | 3,340 | 3,12 | 3,56 |
| X3.2 | 27,169 | 99 | ,000 | 3,120 | 2,89 | 3,35 |
| X3.3 | 32,999 | 99 | ,000 | 3,460 | 3,25 | 3,67 |
| X3.4 | 37,604 | 99 | ,000 | 3,360 | 3,18 | 3,54 |
| Y1.1 | 42,076 | 99 | ,000 | 3,280 | 3,13 | 3,43 |
| Y1.2 | 31,116 | 99 | ,000 | 3,350 | 3,14 | 3,56 |
| Y1.3 | 26,032 | 99 | ,000 | 3,140 | 2,90 | 3,38 |

**Correlations**

**Correlations**

| | | X1.1 | X1.2 | X1.3 | X1.4 | X1TOTAL |
|---|---|---|---|---|---|---|
| X1.1 | Pearson Correlation | 1 | ,531** | ,511** | ,531** | ,802** |
| | Sig. (2-tailed) | | ,000 | ,000 | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 | 100 |
| X1.2 | Pearson Correlation | ,531** | 1 | ,518** | ,715** | ,858** |
| | Sig. (2-tailed) | ,000 | | ,000 | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 | 100 |
| X1.3 | Pearson Correlation | ,511** | ,518** | 1 | ,460** | ,738** |
| | Sig. (2-tailed) | ,000 | ,000 | | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 | 100 |
| X1.4 | Pearson Correlation | ,531** | ,715** | ,460** | 1 | ,844** |
| | Sig. (2-tailed) | ,000 | ,000 | ,000 | | ,000 |
| | N | 100 | 100 | 100 | 100 | 100 |
| X1TOTAL | Pearson Correlation | ,802** | ,858** | ,738** | ,844** | 1 |
| | Sig. (2-tailed) | ,000 | ,000 | ,000 | ,000 | |
| | N | 100 | 100 | 100 | 100 | 100 |

**. Correlation is significant at the 0.01 level (2-tailed).

**Correlations**

| | | X2.1 | X2.2 | X2.3 | X2TOTAL |
|---|---|---|---|---|---|
| X2.1 | Pearson Correlation | 1 | ,671** | ,633** | ,846** |
| | Sig. (2-tailed) | | ,000 | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 |
| X2.2 | Pearson Correlation | ,671** | 1 | ,773** | ,922** |
| | Sig. (2-tailed) | ,000 | | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 |
| X2.3 | Pearson Correlation | ,633** | ,773** | 1 | ,905** |
| | Sig. (2-tailed) | ,000 | ,000 | | ,000 |
| | N | 100 | 100 | 100 | 100 |
| X2TOTAL | Pearson Correlation | ,846** | ,922** | ,905** | 1 |
| | Sig. (2-tailed) | ,000 | ,000 | ,000 | |
| | N | 100 | 100 | 100 | 100 |

**. Correlation is significant at the 0.01 level (2-tailed).

**Correlations**

| | | X3.1 | X3.2 | X3.3 | X3.4 | X3TOTAL |
|---|---|---|---|---|---|---|
| X3.1 | Pearson Correlation | 1 | ,591** | ,455** | ,548** | ,805** |
| | Sig. (2-tailed) | | ,000 | ,000 | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 | 100 |
| X3.2 | Pearson Correlation | ,591** | 1 | ,549** | ,627** | ,857** |
| | Sig. (2-tailed) | ,000 | | ,000 | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 | 100 |
| X3.3 | Pearson Correlation | ,455** | ,549** | 1 | ,565** | ,783** |
| | Sig. (2-tailed) | ,000 | ,000 | | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 | 100 |
| X3.4 | Pearson Correlation | ,548** | ,627** | ,565** | 1 | ,820** |
| | Sig. (2-tailed) | ,000 | ,000 | ,000 | | ,000 |
| | N | 100 | 100 | 100 | 100 | 100 |
| X3TOTAL | Pearson Correlation | ,805** | ,857** | ,783** | ,820** | 1 |
| | Sig. (2-tailed) | ,000 | ,000 | ,000 | ,000 | |
| | N | 100 | 100 | 100 | 100 | 100 |

**. Correlation is significant at the 0.01 level (2-tailed).

**Correlations**

| | | Y1.1 | Y1.2 | Y1.3 | YTOTAL |
|---|---|---|---|---|---|
| Y1.1 | Pearson Correlation | 1 | ,484** | ,645** | ,795** |
| | Sig. (2-tailed) | | ,000 | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 |
| Y1.2 | Pearson Correlation | ,484** | 1 | ,615** | ,839** |
| | Sig. (2-tailed) | ,000 | | ,000 | ,000 |
| | N | 100 | 100 | 100 | 100 |
| Y1.3 | Pearson Correlation | ,645** | ,615** | 1 | ,906** |
| | Sig. (2-tailed) | ,000 | ,000 | | ,000 |
| | N | 100 | 100 | 100 | 100 |
| YTOTAL | Pearson Correlation | ,795** | ,839** | ,906** | 1 |
| | Sig. (2-tailed) | ,000 | ,000 | ,000 | |
| | N | 100 | 100 | 100 | 100 |

**. Correlation is significant at the 0.01 level (2-tailed).

**Reliability**

**Warnings**

| |
|---|
| The space saver method is used. That is, the covariance matrix is not calculated or used in the analysis. |

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 100 | 100,0 |
| | Excluded[a] | 0 | ,0 |
| | Total | 100 | 100,0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| ,953 | 4 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| X1 | 10,0000 | 6,749 | ,882 | ,941 |
| X2 | 9,7867 | 5,994 | ,839 | ,958 |
| X3 | 9,8900 | 6,329 | ,940 | ,922 |
| Y | 9,9533 | 6,401 | ,903 | ,933 |

**Regression**

**Variables Entered/Removed[b]**

| Model | Variables Entered | Variables Removed | Method |
|---|---|---|---|
| 1 | X3, X2, X1[a] | . | Enter |

a. All requested variables entered.

b. Dependent Variable: Y

**Model Summary[b]**

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|---|---|---|---|---|---|
| 1 | ,922[a] | ,849 | ,845 | ,34380 | 1,927 |

a. Predictors: (Constant), X3, X2, X1

b. Dependent Variable: Y

**ANOVA[b]**

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|
| 1 | Regression | 63,954 | 3 | 21,318 | 180,359 | ,000[a] |
| | Residual | 11,347 | 96 | ,118 | | |
| | Total | 75,301 | 99 | | | |

a. Predictors: (Constant), X3, X2, X1

b. Dependent Variable: Y

**Coefficients[a]**

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|---|---|---|---|---|---|---|---|---|
| | | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 | (Constant) | ,049 | ,143 | | ,342 | ,733 | | |
| | X1 | ,319 | ,088 | ,298 | 3,621 | ,000 | ,232 | 4,314 |
| | X2 | ,013 | ,066 | ,015 | ,198 | ,843 | ,270 | 3,704 |
| | X3 | ,644 | ,100 | ,637 | 6,418 | ,000 | ,160 | 6,266 |

a. Dependent Variable: Y

**Collinearity Diagnostics[a]**

| Model | Dimension | Eigenvalue | Condition Index | Variance Proportions | | | |
|---|---|---|---|---|---|---|---|
| | | | | (Constant) | X1 | X2 | X3 |
| 1 | 1 | 3,932 | 1,000 | ,00 | ,00 | ,00 | ,00 |
| | 2 | ,046 | 9,209 | ,90 | ,01 | ,08 | ,01 |
| | 3 | ,015 | 15,942 | ,09 | ,39 | ,69 | ,03 |
| | 4 | ,007 | 24,287 | ,00 | ,60 | ,22 | ,96 |

a. Dependent Variable: Y

**Residuals Statistics[a]**

| | Minimum | Maximum | Mean | Std. Deviation | N |
|---|---|---|---|---|---|
| Predicted Value | 1,5113 | 4,5303 | 3,2567 | ,80374 | 100 |
| Residual | -1,31007 | ,99583 | ,00000 | ,33855 | 100 |
| Std. Predicted Value | -2,171 | 1,585 | ,000 | 1,000 | 100 |
| Std. Residual | -3,811 | 2,897 | ,000 | ,985 | 100 |

a. Dependent Variable: Y

**Regression**

**Variables Entered/Removed[b]**

| Model | Variables Entered | Variables Removed | Method |
|---|---|---|---|
| 1 | X3, X2, X1[a] | . | Enter |

a. All requested variables entered.

b. Dependent Variable: LnE2

**Model Summary[b]**

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|---|---|---|---|---|---|
| 1 | ,164[a] | ,027 | -,004 | 2,18317 | 1,796 |

a. Predictors: (Constant), X3, X2, X1

b. Dependent Variable: LnE2

**ANOVA[b]**

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|
| 1 | Regression | 12,581 | 3 | 4,194 | ,880 | ,454[a] |
| | Residual | 457,560 | 96 | 4,766 | | |
| | Total | 470,141 | 99 | | | |

a. Predictors: (Constant), X3, X2, X1

b. Dependent Variable: LnE2

**Coefficients[a]**

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|---|---|---|---|---|---|---|---|---|
| | | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 | (Constant) | -3,601 | ,911 | | -3,954 | ,000 | | |
| | X1 | ,815 | ,559 | ,305 | 1,456 | ,149 | ,232 | 4,314 |
| | X2 | -,301 | ,419 | -,139 | -,718 | ,475 | ,270 | 3,704 |
| | X3 | -,494 | ,637 | -,195 | -,775 | ,440 | ,160 | 6,266 |

a. Dependent Variable: LnE2

**Collinearity Diagnostics[a]**

| Model | Dimension | Eigenvalue | Condition Index | Variance Proportions | | | |
|---|---|---|---|---|---|---|---|
| | | | | (Constant) | X1 | X2 | X3 |
| 1 | 1 | 3,932 | 1,000 | ,00 | ,00 | ,00 | ,00 |
| | 2 | ,046 | 9,209 | ,90 | ,01 | ,08 | ,01 |
| | 3 | ,015 | 15,942 | ,09 | ,39 | ,69 | ,03 |
| | 4 | ,007 | 24,287 | ,00 | ,60 | ,22 | ,96 |

a. Dependent Variable: LnE2

**Residuals Statistics[a]**

| | Minimum | Maximum | Mean | Std. Deviation | N |
|---|---|---|---|---|---|
| Predicted Value | -4,5993 | -2,8727 | -3,6550 | ,35648 | 100 |
| Residual | -10,22868 | 3,56713 | ,00000 | 2,14984 | 100 |
| Std. Predicted Value | -2,649 | 2,195 | ,000 | 1,000 | 100 |
| Std. Residual | -4,685 | 1,634 | ,000 | ,985 | 100 |

a. Dependent Variable: LnE2