

LAMPIRAN 5 PERHITUNGAN SURPLUS KONSUMEN

$$DX=QX= 2,783-0,0041P$$

Batas atas : Biaya Perjalanan Maksimal Rp. 380.000

Batas bawah : Biaya Perjalanan Minimal Rp. 135.000

$$SK = \int_{135}^{380} 2,783 - 0,0041dP$$

$$= 2,783P - \frac{0,0041}{2}P^2 \Big|_{135}^{380}$$

$$= [2,783(380) - \frac{0,0041}{2}(380)^2] - [2,783(135) - \frac{0,0041}{2}(135)^2]$$

$$= [1.057,54 - 296,02] - [375,70 - 37,36]$$

$$= [761,2] - [338,34]$$

$$= 422.8 \times 1000 = \text{Rp.}422.800 \text{ Per Individu/ Kunjungan}$$

Nilai Total Ekonomi = SK Perindividu x Jumlah Kunjungan Tahun 2014

$$= \text{Rp.}422.800 \times 1.059.879$$

$$= \text{Rp.}448.116.841.200$$