$$V_{nk}^{Person} = \alpha_{kn} + Cost_{ij} * \beta_P^1 + (Age_n)\beta_P^2(\#eq : person)$$
$$V_{Path} = \beta_{TV}(T_{Vehicle}) + \beta_{TW}(T_{Wait}) + \beta_{TE}(T_{Egress}) + \beta_{TP}(TransitProx) + \beta_{xfer}(xfer) + \beta_D(D_{Mode})(\#eq : path)$$
$$V_{Location} = \beta_{ZDI}(ZDI) + \beta_{ZTI}(ZTI) + \beta_{CBD}(CBD)(\#eq : location)$$
$$V_{Mode} = V_{Person} + V_{Path} + V_{Location}(\#eq : all)$$