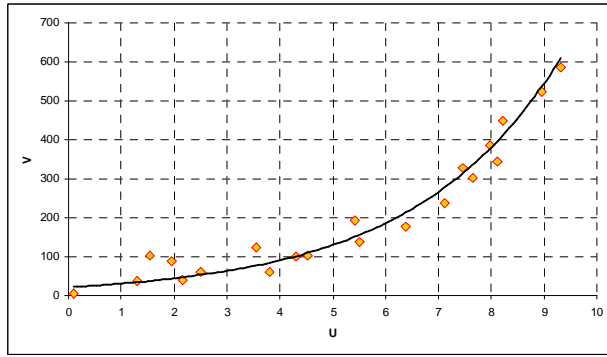
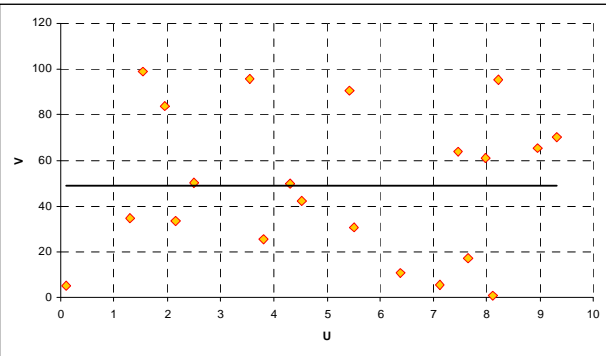


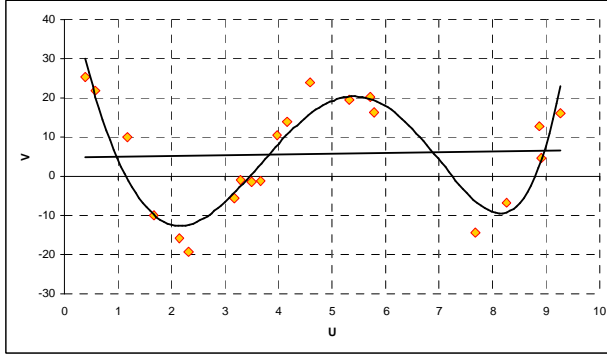
A linear relationship exists between U and V : Pearson's coefficient is a relevant measure of dependency in this case



There is a strong relationship between U and V, but it is non-linear : Pearson's coefficient is not a relevant measure of dependency in this case



The estimate of Pearson's coefficient is quite close to 0 in this case because U and V are independent



The estimate of Pearson's coefficient is quite close to 0 in this case, even though U and V are far from being independent (this is because the non-monotonic trend is too complex to be handled by Pearson's coefficient)