```
data = Import[“C:/data.csv”];
w = .20;
n1 = 0;
n = Length[data];
Table[If[data[[i, 1]] == 0, n1 = n1 + 1], {i, n}];
n2 = n – n1;
data1 = Sort[data[[1 ;; n1, 2]]];
data2 = Sort[data[[n1 + 1 ;; n, 2]]];
(* robust d*)
g1 = Floor[w*n1];
g2 = Floor[w*n2];
wdata1 = data1;
wdata2 = data2;
Table[wdata1[[i]] = data1[[g1 + 1]], {i, 1, g1}];
Table[wdata1[[i]] = data1[[n1 – g1]], {i, n1 – g1, n1}];
Table[wdata2[[i]] = data2[[g2 + 1]], {i, 1, g2}];
Table[wdata2[[i]] = data2[[n2 – g2]], {i, n2 – g2, n2}];
tdata1 = Table[0, {n1 – 2*g1}];
tdata2 = Table[0, {n2 – 2*g2}];
Table[tdata1[[i]] = data1[[i + g1]], {i, 1, n1 – 2*g1}];
Table[tdata2[[i]] = data2[[i + g2]], {i, 1, n2 – 2*g2}];
tdrstar =
N[((Mean[tdata2] – Mean[tdata1])/
Sqrt[((n1 – 1)*Variance[wdata1] + (n2 – 1)*
Variance[wdata2])/(n1 + n2 – 2)])];
tdr = N[tdrstar*.642];
(* Cohen’s d*)td = N[(Mean[data2] – Mean[data1])/
Sqrt[((n1 – 1)*Variance[data1] + (n2 – 1)*Variance[data2])/(n1 +
n2 – 2)]];
(* point biserial correlation*)
p1 = n1/(n1 + n2);
p2 = n2/(n1 + n2);
tRpb = N[(Mean[data2] – Mean[data1])/
Sqrt[(p1*Variance[data1] + p2*Variance[data2])/(p1*
p2) + (Mean[data2] – Mean[data1])^2]];
(* parametric CL effect size*)tCL = N[CDF[NormalDistribution [0, 1],
N[(Mean[data2] – Mean[data1])/
Sqrt[((n1 – 1)*Variance[data1] + (n2 – 1)*Variance[data2])/(n1 +
n2 – 2)]]]];
(* non-parametric A*)
count = Table[0, {n2}, {n1}];
Table[If[data2[[i]] > data1[[j]], count[[i, j]] = 1,
If[data2[[i]] == data1[[j]], count[[i, j]] = 0.5]], {i, n2}, {j,
n1}];
```

```
tA = N[Total[Total[count]]/(n1*n2)];
(*d converted from A*)
p1 = N[n1/n];
p2 = N[n2/n];
tcd = InverseCDF[NormalDistribution[0, 1], tA]/
Sqrt[(p1*Variance[data1] + p2*Variance[data2])/(Variance[data1] +
Variance[data2])];
Print["————————————————-Output————————————————-"]
Print["d = ", td, ", dr* = ", tdrstar, ", dr = ", tdr, ", rpb = ",
tRpb, ", CL = ", tCL, ", Aw = ", tA];
Print["————————————————————————————————————————"]
```