

Spearman Ranking Demo**Dr. Anthony A. Walsh****4/5/2004 10:13****Data Ranked Assigning 1 to Highest Value****Data Ranked Assigning 1 to Lowest Value**

PairCode	X Scores	Y GPAs
a	70	1.98
b	79	2.77
c	66	3.00
d	84	3.08
e	88	3.78
f	74	2.45
g	82	2.38
h	79	2.69
i	92	3.66

Rank X	Rank Y	D	D^2
8	9	-1	1
5.5	5	0.5	0.25
9	4	5	25
3	3	0	0
2	1	1	1
7	7	0	0
4	8	-4	16
5.5	6	-0.5	0.25
1	2	-1	1

Rank X	Rank Y	D	D^2
2	1	1	1
4.5	5	-0.5	0.25
1	6	-5	25
7	7	0	0
8	9	-1	1
3	3	0	0
6	2	4	16
4.5	4	0.5	0.25
9	8	1	1

Sum = 44.5**Sum = 44.5****rho= 0.629167****rho= 0.629167**