

Unit 3 – MS Excel for Epidemiology

Introduction

Courtesy: Department of Biostatistics, Vanderbilt University

<http://biostat.mc.vanderbilt.edu/>

Excel Spreadsheet from “Hell”

A	B	C	D	E	F	G	H	I	J	K	L
Comparison of Drug A and Drug B											
Drug A	Age of Patient	Patient Gender	Height (inches)	Weight (pound)	24hrhct	blood pressure	tumor stage	Race	Date enrolled	complications	
1	25	Male	61"	>350	38%	120/80	2-3	Hipanic	1/15/99	no	
2	65+	female	5'8"	161	32	140/90	II	White	2/05/1999	yes	
3	?	Male	120cm		12	>160/110	IV	Black	Jan 98	yes, pneumonia	
4	31	m	5'6"	obse	40	140 sys 105 dias	?	African-Am	?		
5	42	f	>6 ft	normal	39	missing	=>2	W	Feb 99		
6	45	f	5.7	160	29	80/120	NA	B	last fall	n	
7	unknown	?	6	145	35	normal	1	W	2/30/99	n	
8	55	m	72	161.45	12/39	120/95	4	African-Am	6-15-00	y	
9	6 months	f	66	174	38	160/110	3	Asian	14/12/00	y	
10	21	f	5'								
Drug B											
1	55	m	61	145	normal	120/80	120/90	IV	Native Ame	6/20/	3
2	45	f	4'11	166	?	135/95	2b	none	7/14/99	n	
3	32	male	5'13"	171	38	140/80	not staged	NA	8/30/99	n	
4	44	na	65	?	40	120/80	2	?	09/01/00	n	
5	66	fem	71	0	41	140/90	4	w	Sep 14th	y, sepsis	
6	71	unknown	172	199	38	>160/110	3	b	unknown	y, died	
7	45	m	?	204	32	140 sys 105 dias	1	b	12/25/00	n	
8	34	m	NA	145	36	130	3	w	July 97	n	
9	13	m	66	161	39	166/115	2a	w	06/06/99	n	
10	66	m	68	176	41	1120/80	3	w	01/21/58	n	
Average	45		65	155	38						

Excel Spreadsheet from “Heaven”

A	B	C	D	E	F	G	H	I	J	K	L	M
CASE	GROUP	AGE	SEX	HT	WT	HCT	BPSYS	BPDIAS	STAGE	RACE	DATE1	COMPLIC
1	1	25	1	61	350	38	120	80	3	3.0	1/15/99	0
2	1	65	2	68	161	32	140	90	2	1.0	2/5/99	1
3	1	25	1	47	150	38	160	110	4	2.0	1/15/98	1
4	1	31	1	66	161	40	140	105	2	2.0	4/1/99	0
5	1	42	2	72	177	39	130	70	2	1.0	2/15/99	0
6	1	45	2	67	160	29	120	80	1	2.0	3/6/99	0
7	1	44	1	72	145	35	120	80	1	1.0	2/28/99	0
8	1	55	1	72	161	39	120	95	4	2.0	6/15/00	1
9	1	0.5	2	66	174	38	160	110	3	4.0	12/14/00	1
10	1	21	2	60	155	40	190	120	2	2.0	11/14/00	0
11	2	55	1	61	145	41	120	80	4	5.0	6/20/99	1
12	2	45	2	59	166	39	135	95	2	1.0	7/14/99	0
13	2	32	1	73	171	38	140	80	1	1.0	8/30/99	0
14	2	44	2	65	155	40	120	80	2	2.0	9/1/00	0
15	2	66	2	71	145	41	140	90	4	1.0	9/14/99	1
16	2	71	1	68	199	38	160	110	3	2.0	1/14/99	1
17	2	45	1	69	204	32	140	105	1	2.0	12/25/00	0
18	2	34	1	66	145	36	130	75	3	1.0	7/15/97	0
19	2	13	1	66	161	39	166	115	2	1.0	6/6/99	0
20	2	66	1	68	176	41	120	80	3	1.0	1/21/98	0