

Case 1 Extra Credit

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Any discrepancy in replication results are noted.

Table 1

Count by treatment

treatment	n
Digoxin	3397
Placebo	3403

Age

treatment	mean_age	sd_age
Digoxin	63.4	11.0
Placebo	63.5	10.8

Ejection fraction

treatment	mean_ejf	sf_ejf
Digoxin	28.6	8.8
Placebo	28.4	8.9

The standard deviation value for the digoxin group is 8.8 instead of 8.9.

Median duration of CHF

treatment	median_chf
Digoxin	17
Placebo	16

Female Sex

treatment	percent_of_patients
Digoxin	22.2
Placebo	22.5

Nonwhite race

treatment	percent_of_patients
Digoxin	14.3
Placebo	14.8

The value for digoxin group is 14.3% instead of 14.4%.

Age >70 yr

treatment	percent_of_patients
Digoxin	26.7
Placebo	27.4

Method of assessing ejection fraction

treatment	method	percent_of_patients
Digoxin	Contrast angiography	29.5
Digoxin	Radionuclide ventriculography	65.0
Digoxin	Two-dimensional echocardiography	5.5
Placebo	Contrast angiography	30.0
Placebo	Radionuclide ventriculography	64.2
Placebo	Two-dimensional echocardiography	5.8

Cardiothoracic ratio >0.55

treatment	percent_of_patients
Digoxin	34.6
Placebo	34.4

NYHA class

treatment	class	percent_of_patients
Digoxin	I	13.7
Digoxin	II	53.3
Digoxin	III	30.7
Digoxin	IV	2.2
Placebo	I	13.0
Placebo	II	54.5
Placebo	III	30.5
Placebo	IV	1.9

No. of signs or symptoms of CHF

treatment	number	percent_of_patients
Digoxin	0	1.1
Digoxin	1	2.4
Digoxin	2	7.1
Digoxin	3	9.3
Digoxin	≥ 4	80.2
Placebo	0	1.1
Placebo	1	2.0
Placebo	2	7.1
Placebo	3	8.6
Placebo	≥ 4	81.2

The value for the digoxin group over 4 events is 80.2 instead of 80.1.

Medical history

Previous myocardial infarction:

treatment	percent_of_patients
Digoxin	64.7
Placebo	65.3

Current angina:

treatment	percent_of_patients
Digoxin	27.1
Placebo	26.4

Diabetes:

treatment	percent_of_patients
Digoxin	28.3
Placebo	28.6

Hypertension:

treatment	percent_of_patients
Digoxin	45.0
Placebo	45.8

Previous digoxin use

treatment	percent_of_patients
Digoxin	44.1
Placebo	44.6

Primary cause of CHF

Ischemic:

treatment	percent_of_patients
Digoxin	70.8
Placebo	70.5

The placebo value is 70.5 instead of 70.4.

Nonischemic:

treatment	percent_of_patients
Digoxin	29.0
Placebo	29.3

Nonischemic - Idiopathic:

treatment	percent_of_patients
Digoxin	15.5
Placebo	14.2

The placebo group value is 14.2 instead of 14.1.

Nonischemic - Hypertensive:

treatment	percent_of_patients
Digoxin	8.0
Placebo	9.2

Nonischemic - Other:

treatment	percent_of_patients
Digoxin	5.5
Placebo	6.0

The digoxin group value is 5.5 instead of 5.4.

Concomitant medications

Diuretics:

treatment	percent_of_patients
Digoxin	81.2
Placebo	82.2

ACE inhibitors:

treatment	percent_of_patients
Digoxin	94.1
Placebo	94.8

Nitrates:

treatment	percent_of_patients
Digoxin	42.2
Placebo	43.1

The value for digoxin group is 42.2 instead of 42.1.

Other vasodilators:

treatment	percent_of_patients
Digoxin	0.9
Placebo	1.5

Daily dose of study medication prescribed

treatment	dose	percent_of_patients
Digoxin	0.125	17.5
Digoxin	0.250	70.6
Digoxin	0.375	10.3
Digoxin	0.500	1.1
Placebo	0.125	17.4
Placebo	0.250	70.1
Placebo	0.375	11.3
Placebo	0.500	0.9

The placebo 0.250mg value is 70.1 instead of 70.0.

Table 2