

LAMPIRAN 3

Hasil Uji Konsumsi Zat Besi

■ Usia

Kruskal-Wallis equality-of-populations rank test

usiakat	Obs	Rank Sum
13-15	3	803.50
16-18	28	7260.50
19-29	336	109961.50
30-49	277	89664.50

chi-squared = 3.722 with 3 d.f.
probability = 0.2931

chi-squared with ties = 3.722 with 3 d.f.
probability = 0.2931

■ Tingkat Pendidikan

Two-sample Wilcoxon rank-sum (Mann-Whitney) test

katpendidi~n	obs	rank sum	expected
Rendah	373	106860.5	120292.5
Tinggi	271	100829.5	87397.5
combined	644	207690	207690

unadjusted variance 5433211.25
adjustment for ties -346.02
adjusted variance 5432865.23

Ho: iron(katpen~n==Rendah) = iron(katpen~n==Tinggi)
z = -5.763
Prob > |z| = 0.0000

■ Status Pekerjaan

Kruskal-Wallis equality-of-populations rank test

statuspeker~n	Obs	Rank Sum
Tidak Bekerja	436	132127.50
Bekerja	202	73064.50
Sekolah	6	2498.00

chi-squared = 15.263 with 2 d.f.
probability = 0.0005

chi-squared with ties = 15.264 with 2 d.f.
probability = 0.0005

■ Status Ekonomi

Kruskal-Wallis equality-of-populations rank test

statusekonomi	Obs	Rank Sum
Terbawah	117	23877.00
Menengah Bawah	115	35717.50
Menengah	129	41540.00
Menengah Atas	149	54551.50
Teratas	134	52004.00

chi-squared = 72.717 with 4 d.f.
probability = 0.0001

chi-squared with ties = 72.722 with 4 d.f.
probability = 0.0001

■ Tempat Tinggal

Two-sample Wilcoxon rank-sum (Mann-Whitney) test

klasifikas~n	obs	rank sum	expected
Perkotaan	293	103338	94492.5
Pedesaan	351	104352	113197.5
combined	644	207690	207690

unadjusted variance 5527811.25
adjustment for ties -352.05
adjusted variance 5527459.20

Ho: iron(klasif~n==Perkotaan) = iron(klasif~n==Pedesaan)
z = 3.762
Prob > |z| = 0.0002

■ Jumlah ART

Two-sample Wilcoxon rank-sum (Mann-Whitney) test

artkat	obs	rank sum	expected
Kecil	379	124075.5	122227.5
Besar	265	83614.5	85462.5
combined	644	207690	207690

unadjusted variance 5398381.25
adjustment for ties -343.80
adjusted variance 5398037.45

Ho: iron(artkat==Kecil) = iron(artkat==Besar)
z = 0.795
Prob > |z| = 0.4264

▪ **Balita**

Two-sample Wilcoxon rank-sum (Mann-Whitney) test			
balitakat	obs	rank sum	expected
Tidak Ada Ba	434	143645.5	139965
Ada Balita	210	64044.5	67725
combined	644	207690	207690

unadjusted variance 4898775.00
adjustment for ties -311.99

adjusted variance 4898463.01

H0: iron(balita-t==Tidak Ada Balita) = iron(balita-t==Ada Balita)
z = 1.663
Prob > |z| = 0.0963

Hasil Uji Post Hoc Menggunakan Uji Mann-Whitney

Status Pekerjaan

▪ Tidak Bekerja-Bekerja

Two-sample Wilcoxon rank-sum (Mann-Whitney) test			
statuspeke~n	obs	rank sum	expected
Tidak Bekerj	436	131266.5	139302
Bekerja	202	72574.5	64539
combined	638	203841	203841
unadjusted variance	4689834.00		
adjustment for ties	-295.27		
adjusted variance	4689538.73		
Ho: iron(status~n==Tidak Bekerja) = iron(status~n==Bekerja)			
	z = -3.711		
	Prob > z = 0.0002		

▪ Tidak Bekerja-Sekolah

Two-sample Wilcoxon rank-sum (Mann-Whitney) test			
statuspeke~n	obs	rank sum	expected
Tidak Bekerj	436	96127	96574
Sekolah	6	1776	1329
combined	442	97903	97903
unadjusted variance	96574.00		
adjustment for ties	-8.92		
adjusted variance	96565.08		
Ho: iron(status~n==Tidak Bekerja) = iron(status~n==Sekolah)			
	z = -1.438		
	Prob > z = 0.1503		

▪ Bekerja-Sekolah

Two-sample Wilcoxon rank-sum (Mann-Whitney) test			
statuspeke~n	obs	rank sum	expected
Bekerja	202	20993	21109
Sekolah	6	743	627
combined	208	21736	21736
unadjusted variance	21109.00		
adjustment for ties	-2.03		
adjusted variance	21106.97		
Ho: iron(status~n==Bekerja) = iron(status~n==Sekolah)			
	z = -0.798		
	Prob > z = 0.4246		

Status Ekonomi

▪ Terbawah-Menengah Bawah

Two-sample Wilcoxon rank-sum (Mann-Whitney) test			
statusekon~i	obs	rank sum	expected
Terbawah	117	11429.5	13630.5
Menengah Baw	115	15598.5	13397.5
combined	232	27028	27028
unadjusted variance	261251.25		
adjustment for ties	-41.68		
adjusted variance	261209.57		
Ho: iron(status~i==Terbawah) = iron(status~i==Menengah Bawah)			
	z = -4.307		
	Prob > z = 0.0000		

▪ Terbawah-Menengah

Two-sample Wilcoxon rank-sum (Mann-Whitney) test			
statusekon~i	obs	rank sum	expected
Terbawah	117	11570	14449.5
Menengah	129	18811	15931.5
combined	246	30381	30381
unadjusted variance	310664.25		
adjustment for ties	-43.07		
adjusted variance	310621.18		
Ho: iron(status~i==Terbawah) = iron(status~i==Menengah)			
	z = -5.167		
	Prob > z = 0.0000		

▪ **Terbawah-Menengah Atas**

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Two-sample Wilcoxon rank-sum (Mann-Whitney) test
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statusekon~i	obs	rank sum	expected
Terbawah	117	11227	15619.5
Menengah Ata	149	24284	19891.5
combined	266	35511	35511

unadjusted variance 387884.25
 adjustment for ties -43.53
 adjusted variance 387840.72

Ho: iron(status~i==Terbawah) = iron(status~i==Menengah Atas)
 z = -7.053
 Prob > |z| = 0.0000

▪ **Terbawah-Teratas**

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Two-sample Wilcoxon rank-sum (Mann-Whitney) test
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statusekon~i	obs	rank sum	expected
Terbawah	117	10359.5	14742
Teratas	134	21266.5	16884
combined	251	31626	31626

unadjusted variance 329238.00
 adjustment for ties -39.10
 adjusted variance 329198.90

Ho: iron(status~i==Terbawah) = iron(status~i==Teratas)
 z = -7.638
 Prob > |z| = 0.0000

▪ **Menengah Bawah-Menengah**

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Two-sample Wilcoxon rank-sum (Mann-Whitney) test
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statusekon~i	obs	rank sum	expected
Menengah Baw	115	13835.5	14087.5
Menengah	129	16054.5	15802.5
combined	244	29890	29890

unadjusted variance 302881.25
 adjustment for ties -35.03
 adjusted variance 302846.22

Ho: iron(status~i==Menengah Bawah) = iron(status~i==Menengah)
 z = -0.458
 Prob > |z| = 0.6470

▪ **Menengah Bawah-Menengah Atas**

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Two-sample Wilcoxon rank-sum (Mann-Whitney) test
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statusekon~i	obs	rank sum	expected
Menengah Baw	115	13756	15237.5
Menengah Ata	149	21224	19742.5
combined	264	34980	34980

unadjusted variance 378397.92
 adjustment for ties -28.87
 adjusted variance 378369.04

Ho: iron(status~i==Menengah Bawah) = iron(status~i==Menengah Atas)
 z = -2.408
 Prob > |z| = 0.0160

▪ **Menengah Bawah-Teratas**

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Two-sample Wilcoxon rank-sum (Mann-Whitney) test
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statusekon~i	obs	rank sum	expected
Menengah Baw	115	12537.5	14375
Teratas	134	18587.5	16750
combined	249	31125	31125

unadjusted variance 321041.67
 adjustment for ties -28.45
 adjusted variance 321013.22

Ho: iron(status~i==Menengah Bawah) = iron(status~i==Teratas)
 z = -3.243
 Prob > |z| = 0.0012

▪ **Menengah-Menengah Atas**

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Two-sample Wilcoxon rank-sum (Mann-Whitney) test
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statusekon~i	obs	rank sum	expected
Menengah	129	16639.5	17995.5
Menengah Ata	149	22141.5	20785.5
combined	278	38781	38781

unadjusted variance 446888.25
 adjustment for ties -46.80
 adjusted variance 446841.45

Ho: iron(status~i==Menengah) = iron(status~i==Menengah Atas)
 z = -2.029
 Prob > |z| = 0.0425

▪ **Menengah-Teratas**

Two-sample Wilcoxon rank-sum (Mann-Whitney) test			
statusekon~i	obs	rank sum	expected
Menengah	129	15190	17028
Teratas	134	19526	17688
combined	263	34716	34716
unadjusted variance	380292.00		
adjustment for ties	-34.87		
adjusted variance	380257.13		
Ho: iron(status~i==Menengah) = iron(status~i==Teratas)			
	z =	-2.981	
	Prob > z =	0.0029	

▪ **Menengah Atas-Teratas**

Two-sample Wilcoxon rank-sum (Mann-Whitney) test			
statusekon~i	obs	rank sum	expected
Menengah Atas	149	20427	21158
Teratas	134	19759	19028
combined	283	40186	40186
unadjusted variance	472528.67		
adjustment for ties	-35.53		
adjusted variance	472493.14		
Ho: iron(status~i==Menengah Atas) = iron(status~i==Teratas)			
	z =	-1.063	
	Prob > z =	0.2876	