

Model 1

$$y = \text{Sites} + b_1 (\ln \text{BPPb})$$

Response	Cat.	n	b ₁	SL
Sys B-S	F	3441	9.330	.0001
	M	3242	5.714	.0001
	Males (40-55)	678	(ln BPPb then not specified)	
Dias B-S	F	3439	4.513	.0001
	M	3237	4.374	.0001
	M (40-55)	677	1.489	.2956

Model 3

$$y = b_0 + b_1 (\ln \text{BPPb})$$

	Cat	n	b ₁	SL
Sys B-S	F	3440	7.641	.0001
	M	3241	6.473	.0001
	M (40-55)	677	4.833	.0191
Dias B-S	F	3438	4.530	.0001
	M	3236	5.2018	.0001
	M (40-55)	676	3.2621	.0126

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Model 4

$$Y = b_0 + \sum_{i=1}^{21} b_i X_i \quad (\text{no site effects})$$

Response	Category	<u>n</u>	<u>b_i</u>	<u>SL</u>
Sys B-S	F	2194	4.699	.0001
	M	2122	4.861	.0001
	OK (40-59)	430	5.270	.0399
Dia B-S	F	2193	2.448	.0001
	M	2118	3.428	.0001
	OK (40-59)	430	3.075	.0521

Model 2

$$Y = \text{Sites} + b_1 (\ln BPb) + \sum b_i X_i$$

Response

Sys B-S	F	2195	5.13067	.0001
	M	2123	2.6629	.0265
	OK (40-59)	431	1.8053	.5205
Dias B-S	F	2194	1.4501	.0380
	M	2119	1.634	.0250
	OK (40-59)	431	.679	.6994

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$$Y = b_0 + b_1 \text{ Exam Date}$$

<u>Response</u>	<u>Category</u>	<u>n</u>	<u>b₁</u>	<u>SL</u>
Sys B-S	F	7476	-.002181	.0004
	M	6918	-.002352	.0001
	BM (40-59)	1378	-.002985	.0113
Di B-S	F	7465	-.002236	.0001
	M	6912	-.002437	.0001
	BM (40-59)	1377	-.0007722	.0001
BPb	F	3462	-.003003	.0001
	M	3255	-.003484	.0001
	BM (40-59)	679	-.004096	.0001
Ln BPb	F	3462	-.0002614	.0001
	M	3255	-.0002294	.0001
	BM (40-59)	679	-.0002472	.0001

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