



UNIVERSITY OF LEEDS

This is a repository copy of *Patient characteristics predicting failure to receive indicated care for type 2 diabetes*.

White Rose Research Online URL for this paper:  
<http://eprints.whiterose.ac.uk/116473/>

Version: Supplemental Material

---

**Article:**

Mounce, LTA, Steel, N, Hardcastle, AC et al. (6 more authors) (2014) Patient characteristics predicting failure to receive indicated care for type 2 diabetes. *Diabetes Research and Clinical Practice*, 107 (2). pp. 247-258. ISSN 0168-8227

<https://doi.org/10.1016/j.diabres.2014.11.009>

---

© 2014, Elsevier Ireland Ltd. Licensed under the Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International  
<http://creativecommons.org/licenses/by-nc-nd/4.0/>

**Reuse**

Items deposited in White Rose Research Online are protected by copyright, with all rights reserved unless indicated otherwise. They may be downloaded and/or printed for private study, or other acts as permitted by national copyright laws. The publisher or other rights holders may allow further reproduction and re-use of the full text version. This is indicated by the licence information on the White Rose Research Online record for the item.

**Takedown**

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing [eprints@whiterose.ac.uk](mailto:eprints@whiterose.ac.uk) including the URL of the record and the reason for the withdrawal request.



[eprints@whiterose.ac.uk](mailto:eprints@whiterose.ac.uk)  
<https://eprints.whiterose.ac.uk/>

**Supplementary Table S4: Comparison of effects from forced entry models for non-achievement of outcomes, excluding participants with low cognitive performance in 2010-11**

Covariate	Care bundle			ACE inhibitor/ARB		
	OR	95% CIs		OR	95% CIs	
Gender						
Male	1.00	-	-	1.00	-	-
Female	1.14	0.74 - 1.73	0.554	1.11	0.72 - 1.73	0.629
Age group (trend)	1.11	0.86 - 1.43	0.412	0.81	0.61 - 1.06	0.129
50-64	1.00	-	-	1.00	-	-
65-74	1.40	0.93 - 2.09	0.105	0.95	0.63 - 1.44	0.813
75+	1.14	0.67 - 1.93	0.634	0.61	0.34 - 1.10	0.102
Previous care						
Achieved	1.00	-	-	1.00	-	-
Not achieved	3.18	2.09 - 4.85	0.000	7.43	4.68 - 11.77	0.000
New case	1.67	0.30 - 9.38	0.563	1.85	0.47 - 7.31	0.383
Missing	2.85	0.34 - 23.62	0.332	2.32	0.95 - 5.66	0.066
NS-SEC (trend)	1.22	0.99 - 1.51	0.064	1.15	0.92 - 1.44	0.205
Managerial/professional	1.00	-	-	1.00	-	-
Intermediate	0.75	0.45 - 1.26	0.277	1.28	0.74 - 2.21	0.385
Routine/manual	1.37	0.91 - 2.09	0.135	1.36	0.87 - 2.12	0.180
Missing	1.15	0.31 - 4.25	0.839	1.58	0.37 - 6.72	0.538
Eyesight						
Excellent/good	1.00	-	-	1.00	-	-
Fair/blind	0.94	0.59 - 1.50	0.789	1.12	0.68 - 1.86	0.657
Long-standing illness (trend)	0.91	0.70 - 1.17	0.453	0.97	0.73 - 1.30	0.859
No	1.00	-	-	1.00	-	-
Yes	1.04	0.59 - 1.85	0.885	0.86	0.45 - 1.66	0.662
Yes - limiting	0.86	0.49 - 1.49	0.583	0.91	0.49 - 1.68	0.765
Cognitive performance						
Top 90% of scorers	1.00	-	-	1.00	-	-
Bottom 10% of scorers	1.51	0.82 - 2.79	0.186	1.60	0.81 - 3.15	0.178
Missing	1.89	1.03 - 3.46	0.038	0.90	0.41 - 1.96	0.788
Health literacy						
High	1.00	-	-	1.00	-	-
Low	0.89	0.59 - 1.35	0.596	1.48	0.96 - 2.28	0.077
Missing	0.99	0.49 - 2.00	0.972	2.12	0.90 - 4.96	0.084
Waves since diagnosis	1.03	0.81 - 1.31	0.785	0.97	0.75 - 1.25	0.820
Knows everything about managing diabetes						
Yes	1.00	-	-	1.00	-	-
No	1.83	1.09 - 3.07	0.021	1.47	0.83 - 2.61	0.188
Missing	2.34	0.44 - 12.39	0.317	2.92	0.83 - 10.27	0.095
BMI category (trend)	0.95	0.71 - 1.28	0.754	0.81	0.60 - 1.08	0.152
Under/normal weight	1.00	-	-	1.00	-	-
Overweight	1.04	0.53 - 2.02	0.916	0.84	0.42 - 1.68	0.628
Obese	0.94	0.49 - 1.79	0.843	0.65	0.34 - 1.23	0.186
Missing	0.80	0.37 - 1.71	0.563	0.99	0.46 - 2.15	0.977
Physical activity						
Moderate/high	1.00	-	-	1.00	-	-
Sedentary/low	0.73	0.49 - 1.007	0.104	0.87	0.58 - 1.30	0.497
Married/in civil partnership						
Yes	1.00	-	-	1.00	-	-
No	1.13	0.73 - 1.75	0.573	2.26	1.42 - 3.61	0.001
CES-D depression classification						

No	1.00	-	-	1.00	-	-
Yes	0.72	0.45 - 1.14	0.162	0.98	0.61 - 1.59	0.946
Missing	0.37	0.09 - 1.50	0.162	2.42	0.56 - 10.45	0.237
Lives alone						
No	1.00	-	-	1.00	-	-
Yes	0.67	0.41 - 1.08	0.098	1.04	0.62 - 1.73	0.889
Missing	0.69	0.29 - 1.67	0.410	0.76	0.28 - 2.10	0.602
Log likelihood	-432.64			-365.93		
Wald $\chi^2$	81.51			118.60		
p	0.000			0.000		
Pseudo R <sup>2</sup>	0.105			0.197		
N	781			662		

All outcomes are adjusted for differential non-response in 2010-11. The reference category for each covariate is the first category listed and has an odds ratio (OR) of 1.00. An OR >1.00 represents increased odds of subsequent non-achievement of care, whereas an OR of <1.00 indicates reduced odds of this. Linear trends were investigated for appropriate covariates: the ORs and 95% CI for these are listed next to the respective covariate's name. Trend tests excluded the 'missing' category. 'Previous care' was assessed in 2008-9. ARB means angiotensin II receptor blocker. NS-SEC is National Statistics Socio-Economic Classification. CES-D is Center for Epidemiological Studies Depression scale.