

## SUPPLEMENTARY DATA

### **Regression from Prediabetes to Normal Glucose Regulation and Prevalence of Microvascular Disease in the Diabetes Prevention Program Outcomes Study (DPPOS)**

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#### **Supplemental Materials:**

1. Supplemental Table 1
2. Supplemental Table 2
3. Investigators Appendix

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**Supplementary Table S1.** Microvascular outcomes for those who ever vs. never regressed to normoglycemia, stratified by treatment group, reported as the number of cases (#) and number at risk (%)

	ever			never		
	lifestyle	metformin	placebo	lifestyle	metformin	placebo
no MVD	236/324(72.8)	181/238(76.1)	144/190(75.8)	263/384(68.5)	328/493(66.5)	361/550(65.6)
one MVD	74/324(22.8)	51/238(21.4)	41/190(21.6)	92/384(24.0)	121/493(24.5)	161/550(29.3)
two MVD	14/324(4.3)	6/238(2.5)	4/190(2.1)	28/384(7.3)	44/493(8.9)	25/550(4.5)
three MVD	0/324(0)	0/238(0)	1/190(0.1)	1/384(0.0)	0/493(0)	3/550(0.1)
nephropathy	47/405(11.6)	32/294(10.9)	21/232(9.1)	73/485(15.1)	109/607(18.0)	99/678(14.6)
retinopathy	35/369(9.5)	27/268(10.1)	12/213(5.6)	52/441(11.8)	70/555(12.6)	83/636(13.1)
neuropathy	34/333(10.2)	21/248(8.5)	24/198(12.1)	39/400(9.8)	69/510(13.5)	73/564(12.9)

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**Supplementary Table S2** Models presented in Table 2 inclusive of other potential confounders and mediators

<b>AGGREGATE MICROVASCULAR DISEASE</b>				
<b>Adjustment Covariates</b>	<b>95% CI</b>			
	<b>Odds Ratio</b>	<b>LL</b>	<b>UP</b>	<b>Pvalue</b>
Model 1: Univariate (unadjusted)	0.70	0.59	0.84	<0.001
Model 2: model 1 + age, sex, race/ethnicity	0.75	0.62	0.90	0.002
Model 3: model 2 + treatment group, any hypertension, kcal/day, met-hrs/wk	0.83	0.69	1.00	0.054
Model 4: model 3 + average A1c during follow-up	1.01	0.82	1.23	0.96
Model 5: model 3 + diabetes status at end of follow-up	0.93	0.76	1.14	0.50
<b>NEPHROPATHY</b>				
<b>Adjustment Covariates</b>	<b>95% CI</b>			
	<b>Odds Ratio</b>	<b>LL</b>	<b>UP</b>	<b>Pvalue</b>
Model 1: Univariate (unadjusted)	0.64	0.50	0.81	<0.001
Model 2: model 1 + age, sex, race/ethnicity	0.68	0.53	0.87	0.002
Model 3: model 2 + treatment group, any hypertension, kcal/day, met-hrs/wk	0.76	0.59	0.98	0.031
Model 4: model 3 + average A1c during follow-up	0.88	0.68	1.15	0.35
Model 5: model 3 + diabetes status at end of follow-up	0.91	0.69	1.19	0.48
<b>RETINOPATHY</b>				
<b>Adjustment Covariates</b>	<b>95% CI</b>			
	<b>Odds Ratio</b>	<b>LL</b>	<b>UP</b>	<b>Pvalue</b>
Model 1: Univariate (unadjusted)	0.66	0.50	0.88	0.004
Model 2: model 1 + age, sex, race/ethnicity	0.67	0.51	0.89	0.005
Model 3: model 2 + treatment group, any hypertension, kcal/day, met-hrs/wk	0.70	0.52	0.93	0.015
Model 4: model 3 + average A1c during follow-up	0.88	0.65	1.19	0.40
Model 5: model 3 + diabetes status at end of follow-up	0.76	0.56	1.03	0.08
<b>NEUROPATHY</b>				
<b>Adjustment Covariates</b>	<b>95% CI</b>			
	<b>Odds Ratio</b>	<b>LL</b>	<b>UP</b>	<b>Pvalue</b>
Model 1: Univariate (unadjusted)	0.81	0.61	1.07	0.131
Model 2: model 1 + age, sex, race/ethnicity	0.91	0.67	1.22	0.523
Model 3: model 2 + treatment group, any hypertension, kcal/day, met-hrs/wk	1.01	0.74	1.37	0.972
Model 4: model 3 + average A1c during follow-up	1.16	0.85	1.60	0.35
Model 5: model 3 + diabetes status at end of follow-up	1.04	0.75	1.44	0.82

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