

Figure S1. Network Plots.

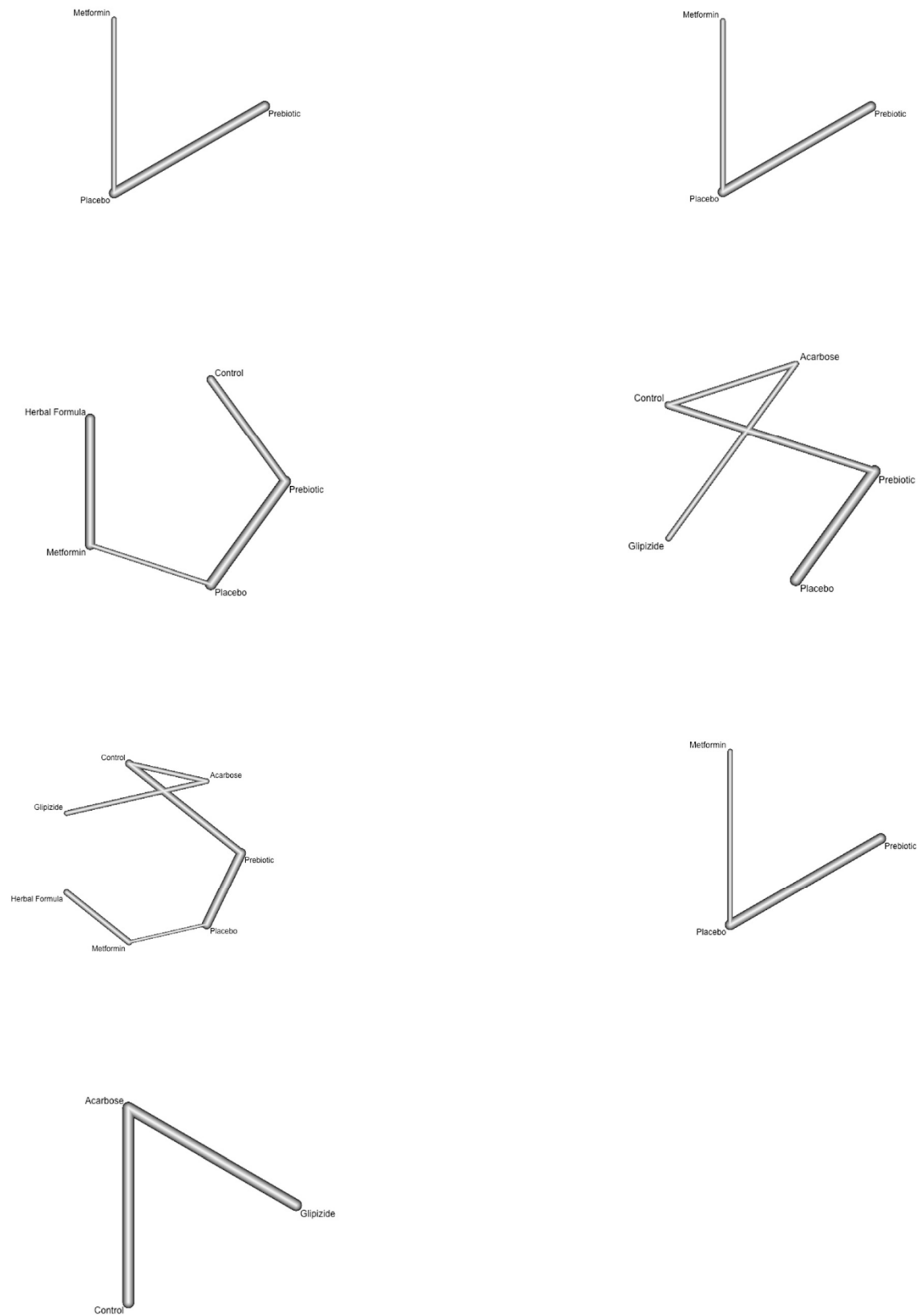


Table S1. The effect of prebiotics and oral anti-diabetic agents on gut microbiome in patients with type 2 diabetes – Mean Age (Years) and Sex Distribution

Outcomes	Treatments	Mean Age (years)	Sex Distribution
Bifidobacterium	Prebiotics Vs Placebo	Prebiotic: 54.4 Placebo: 53.8	Prebiotic Male: 29 Prebiotic Female: 57 Placebo Male: 27 Placebo Female: 57
	Metformin Vs Placebo	Metformin: 63.1 Placebo: 63.1	Metformin Male: 5 Metformin Female:3 Placebo Male: 4 Placebo Female:5
Lactobacillus	Prebiotics Vs Placebo	Prebiotic:56.2 Placebo:53.4	Prebiotic Male: 50 Prebiotic Female:97 Placebo Male: 42 Placebo Female: 101
	Metformin Vs Placebo	Metformin: 63.1 Placebo: 63.1	Metformin Male: 5 Metformin Female:3 Placebo Male: 4 Placebo Female:5
Akkermansia	Prebiotics Vs Placebo	Prebiotic:56.2 Placebo:53.4	Prebiotic Male: 50 Prebiotic Female:97 Placebo Male: 42 Placebo Female: 101
	Metformin Vs Placebo	Metformin: 63.1 Placebo: 63.1	Metformin Male: 5 Metformin Female:3 Placebo Male: 4 Placebo Female:5
Glycated Haemoglobin	Prebiotics Vs Control	Prebiotic: 58.4 Control: 57.7	Prebiotic Male: 17 Prebiotic Female: 24 Control Male: 16 Control Female: 23
	Acarbose Vs Control	Acarbose: 55.7 Control: 56.5	Acarbose Male: 32 Acarbose Female: 27 Control Male: 17 Control Female: 19
	Acarbose Vs Glipizide	Acarbose: 53 Glipizide: 54	Acarbose Male: 34 Acarbose Female: 17 Glipizide Male: 24 Glipizide Female: 19
	Metformin Vs Herbal Formula	Metformin: 58.55 Herbal Formula: 59.00	Metformin Male: 50 Metformin Female: 50 Herbal Formula Male: 50 Herbal Formula Female: 50
	Metformin Vs Placebo	Metformin: 63.1 Placebo: 63.1	Metformin Male: 5 Metformin Female:3 Placebo Male: 4

			Placebo Female:5
Fasting Blood Glucose	Prebiotics Vs Control	Prebiotic: 58.66 Control: 58.04	Prebiotic Male: 20 Prebiotic Female: 29 Control Male: 18 Control Female: 28
	Acarbose Vs Control	Acarbose: 55.7 Control: 56.5	Acarbose Male: 32 Acarbose Female: 27 Control Male: 17 Control Female: 19
	Acarbose Vs Glipizide	Acarbose: 53 Glipizide: 54	Acarbose Male: 34 Acarbose Female: 17 Glipizide Male: 24 Glipizide Female: 19
	Metformin Vs Herbal Formula	Metformin: 58.55 Herbal Formula: 59.00	Metformin Male: 50 Metformin Female: 50 Herbal Formula Male: 50 Herbal Formula Female: 50
Postprandial Blood Glucose	Acarbose Vs Control	Acarbose: 55.7 Control: 56.5	Acarbose Male: 32 Acarbose Female: 27 Control Male: 17 Control Female: 19
	Acarbose Vs Glipizide	Acarbose: 53 Glipizide: 54	Acarbose Male: 34 Acarbose Female: 17 Glipizide Male: 24 Glipizide Female: 19
	Metformin Vs Herbal Formula	Metformin: 58.55 Herbal Formula: 59.00	Metformin Male: 50 Metformin Female: 50 Herbal Formula Male: 50 Herbal Formula Female: 50
Body Mass Index	Prebiotics Vs Control	Prebiotic: 58.73 Control: 57.63	Prebiotic Male: 23 Prebiotic Female: 32 Control Male: 21 Control Female: 32
	Acarbose Vs Glipizide	Acarbose: 53 Glipizide: 54	Acarbose Male: 34 Acarbose Female: 17 Glipizide Male: 24 Glipizide Female: 19
	Metformin Vs Placebo	Metformin: 63.1 Placebo: 63.1	Metformin Male: 5 Metformin Female:3 Placebo Male: 4 Placebo Female:5
	Metformin Vs Herbal Formula	Metformin: 58.55 Herbal Formula: 59.00	Metformin Male: 50 Metformin Female: 50 Herbal Formula Male: 50

			Herbal Formula Female: 50
--	--	--	------------------------------