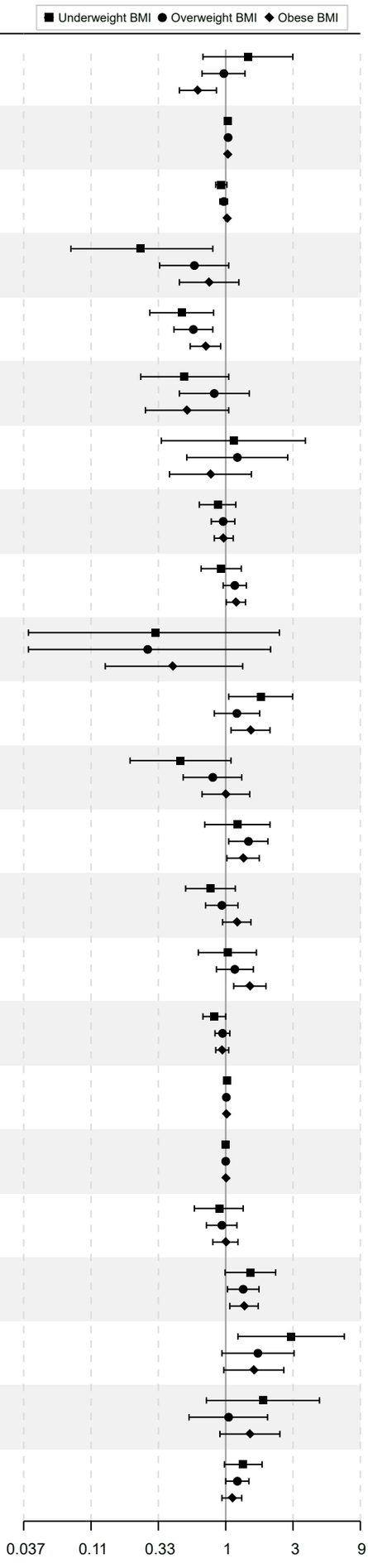
Supplementary Figure 3. The Multivariate Forest Plot Using All-Cause Mortality as the Primary Endpoint, with Moderate Ascites and BMI as the Exposure Variable

Variable	Comparator Group	aHR	95% CI	p-value
Underweight BMI (vs. Normal BMI)	Underweight BMI	1.44	0.69 - 2.99	0.333
Overweight BMI (vs. Normal BMI)	Overweight BMI	0.97	0.68 - 1.37	0.844
Obese (vs. Normal BMI)	Obese BMI	0.63	0.47 - 0.86	0.003
Age	Underweight BMI	1.04	1.02 - 1.05	< 0.001
	Overweight BMI	1.04	1.02 - 1.05	< 0.001
	Obese BMI	1.03	1.02 - 1.04	< 0.001
BMI	Underweight BMI	0.93	0.85 - 1.02	0.129
	Overweight BMI	0.97	0.91 - 1.03	0.304
	Obese BMI	1.02	1.00 - 1.04	0.049
Race: Black (vs. White)	Underweight BMI	0.25	0.08 - 0.81	0.020
	Overweight BMI	0.60	0.34 - 1.05	0.072
	Obese BMI	0.76	0.47 - 1.24	0.274
Race: Hispanic (vs. White)	Underweight BMI	0.49	0.29 - 0.82	0.007
	Overweight BMI	0.59	0.43 - 0.81	< 0.001
	Obese BMI	0.72	0.56 - 0.92	0.008
Race: Asian and Pacific Islander (vs. White)	Underweight BMI	0.51	0.25 - 1.05	0.069
	Overweight BMI	0.83	0.47 - 1.47	0.524
	Obese BMI	0.53	0.27 - 1.05	0.067
Race: Other (vs. White)	Underweight BMI	1.14	0.35 - 3.67	0.827
	Overweight BMI	1.21	0.53 - 2.75	0.647
	Obese BMI	0.78	0.40 - 1.52	0.468
Gender: Male (vs. Female)	Underweight BMI	0.88	0.65 - 1.18	0.385
	Overweight BMI	0.96	0.79 - 1.16	0.678
	Obese BMI	0.96	0.83 - 1.13	0.642
Diabetes	Underweight BMI	0.93	0.67 - 1.29	0.665
	Overweight BMI	1.16	0.96 - 1.40	0.127
	Obese BMI	1.18	1.01 - 1.38	0.036
Hepatitis B	Underweight BMI	0.32	0.04 - 2.40	0.267
	Overweight BMI	0.28	0.04 - 2.08	0.215
	Obese BMI	0.42	0.14 - 1.32	0.139
Hepatitis C	Underweight BMI	1.77	1.05 - 2.98	0.033
	Overweight BMI	1.20	0.83 - 1.74	0.331
	Obese BMI	1.50	1.09 - 2.06	0.012
Alcoholic Liver Disease	Underweight BMI	0.48	0.21 - 1.09	0.080
	Overweight BMI	0.81	0.50 - 1.30	0.381
	Obese BMI	1.00	0.68 - 1.48	0.996
Hepatocellular Carcinoma	Underweight BMI	1.21	0.71 - 2.06	0.481
	Overweight BMI	1.45	1.05 - 1.99	0.023
	Obese BMI	1.33	1.02 - 1.73	0.034
Encephalopathy: 1-2	Underweight BMI	0.78	0.52 - 1.17	0.235
	Overweight BMI	0.94	0.72 - 1.22	0.625
	Obese BMI	1.20	0.95 - 1.51	0.132
Encephalopathy: 3-4	Underweight BMI	1.03	0.64 - 1.65	0.904
	Overweight BMI	1.16	0.86 - 1.57	0.327
	Obese BMI	1.48	1.14 - 1.93	0.003
Albumin	Underweight BMI	0.83	0.69 - 1.00	0.054
	Overweight BMI	0.95	0.84 - 1.07	0.432
	Obese BMI	0.94	0.85 - 1.05	0.281
MELD Scores	Underweight BMI	1.02	1.00 - 1.04	0.047
	Overweight BMI	1.01	1.00 - 1.02	0.016
	Obese BMI	1.01	1.00 - 1.02	0.004
Donor Age	Underweight BMI	1.00	0.99 - 1.01	0.811
	Overweight BMI	1.00	1.00 - 1.01	0.271
	Obese BMI	1.00	1.00 - 1.01	0.084
Donor Race: Black (vs. White)	Underweight BMI	0.90	0.60 - 1.33	0.593
	Overweight BMI	0.94	0.73 - 1.20	0.601
	Obese BMI	1.00	0.81 - 1.22	0.972
Donor Race: Hispanic (vs. White)	Underweight BMI	1.50	0.99 - 2.26	0.057
	Overweight BMI	1.33	1.03 - 1.72	0.032
	Obese BMI	1.35	1.07 - 1.70	0.012
Donor Race: Asian and Pacific Islander (vs. White)	Underweight BMI	2.91	1.22 - 6.93	0.016
	Overweight BMI	1.69	0.94 - 3.05	0.081
	Obese BMI	1.58	0.97 - 2.58	0.069
Donor Race: Other Race (vs. White)	Underweight BMI	1.84	0.73 - 4.62	0.196
	Overweight BMI	1.05	0.55 - 1.98	0.888
	Obese BMI	1.48	0.91 - 2.42	0.115
Donor Gender: Male (vs. Female)	Underweight BMI	1.33	0.98 - 1.81	0.066
	Overweight BMI	1.21	1.00 - 1.46	0.054
	Obese BMI	1.11	0.94 - 1.30	0.219



† These covariates represents the variables selected from a comprehensive variable set in the Final Model