cLV male (elastic_net) x6 (Parabacteroides_B_862066) x7 (Phascolarctobacterium_A) x1 (Phocaeicola_A_858004) x9 (Gemmiger_A_73129) x4 (Paramuribaculum) x3 (Faecalibacterium) x8 (Ruminococcus E) x2 (Bacteroides_H) x5 (Lachnospira) 1 (growth rates) x10 (Prevotella) x11 (other) -0.014 -1.3 -0.25 0 0.65 0 0 -4.9 0 0 0.52 1.9 x1 x2 -0.084 -0.28 -1.2 0 0 -4.1 0 0 0 0 1 2 хЗ -0.15 -0.052 0 -3.5 0 -3.9 2.3 0 0 1.8 1.6 0 -0.33 -0.22 -1.2 0.92 х4 0 0 -7.7 0 0 0 0 2.3 -0.37 х5 0 -0.95 0 -0.77 0 -13 1.7 0 2.9 3.4 1.2 -0.37 0.8 х6 -0.34 0 -2.6 0 0 2.4 0 0 -4 0 -0.82 х7 -0.23 -0.29 0 0.81 -13 -0.82 0.14 0 0 0 2 х8 -0.093 0.12 -0.93 0 0 2.1 0 -13 -0.75 0 1.2 0 -2.5 х9 -0.11 0 0 0 0 0 0 0 -10 0 1.3 x10 0 1.2 0 4.1 11 0 -4.6 11 -33 -5 -2.4

- 30

- 20

10

0

-10

-20

-30