

diets_h_an_5_pre: elm correlation matrix

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|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| elm1: *_Bacteroides | 1.00 | -0.18 | -0.90 | -0.87 | -0.43 | -0.69 | -0.25 | -0.66 | -0.39 | -0.11 | -0.79 | -0.38 | -0.78 | -0.18 | -0.66 |
| elm2: *_Akkermansia | -0.18 | 1.00 | 0.59 | 0.64 | 0.97 | -0.59 | 1.00 | 0.86 | -0.83 | 1.00 | -0.46 | 0.98 | -0.48 | 1.00 | -0.62 |
| elm3: *_Sutterella | -0.90 | 0.59 | 1.00 | 1.00 | 0.78 | 0.30 | 0.65 | 0.92 | -0.05 | 0.54 | 0.44 | 0.75 | 0.42 | 0.60 | 0.27 |
| elm4: *_Parabacteroides | -0.87 | 0.64 | 1.00 | 1.00 | 0.82 | 0.24 | 0.70 | 0.95 | -0.12 | 0.59 | 0.38 | 0.79 | 0.36 | 0.65 | 0.20 |
| elm5: *_ | -0.43 | 0.97 | 0.78 | 0.82 | 1.00 | -0.35 | 0.98 | 0.96 | -0.66 | 0.94 | -0.22 | 1.00 | -0.24 | 0.97 | -0.39 |
| elm6: *_Ruminococcus | -0.69 | -0.59 | 0.30 | 0.24 | -0.35 | 1.00 | -0.53 | -0.09 | 0.94 | -0.64 | 0.99 | -0.41 | 0.99 | -0.58 | 1.00 |
| elm7: *_ | -0.25 | 1.00 | 0.65 | 0.70 | 0.98 | -0.53 | 1.00 | 0.89 | -0.80 | 0.99 | -0.40 | 0.99 | -0.42 | 1.00 | -0.56 |
| elm8: *_ | -0.66 | 0.86 | 0.92 | 0.95 | 0.96 | -0.09 | 0.89 | 1.00 | -0.43 | 0.82 | 0.06 | 0.94 | 0.04 | 0.86 | -0.13 |
| elm9: *_Blautia | -0.39 | -0.83 | -0.05 | -0.12 | -0.66 | 0.94 | -0.80 | -0.43 | 1.00 | -0.87 | 0.87 | -0.70 | 0.88 | -0.83 | 0.95 |
| elm10: *_Dialister | -0.11 | 1.00 | 0.54 | 0.59 | 0.94 | -0.64 | 0.99 | 0.82 | -0.87 | 1.00 | -0.52 | 0.96 | -0.54 | 1.00 | -0.67 |
| elm11: *_Roseburia | -0.79 | -0.46 | 0.44 | 0.38 | -0.22 | 0.99 | -0.40 | 0.06 | 0.87 | -0.52 | 1.00 | -0.27 | 1.00 | -0.46 | 0.98 |
| elm12: *_Lachnospira | -0.38 | 0.98 | 0.75 | 0.79 | 1.00 | -0.41 | 0.99 | 0.94 | -0.70 | 0.96 | -0.27 | 1.00 | -0.29 | 0.98 | -0.44 |
| elm13: *_ | -0.78 | -0.48 | 0.42 | 0.36 | -0.24 | 0.99 | -0.42 | 0.04 | 0.88 | -0.54 | 1.00 | -0.29 | 1.00 | -0.48 | 0.99 |
| elm14: *_Faecalibacterium | -0.18 | 1.00 | 0.60 | 0.65 | 0.97 | -0.58 | 1.00 | 0.86 | -0.83 | 1.00 | -0.46 | 0.98 | -0.48 | 1.00 | -0.61 |
| elm15: *_Lachnospiraceae;Other | -0.66 | -0.62 | 0.27 | 0.20 | -0.39 | 1.00 | -0.56 | -0.13 | 0.95 | -0.67 | 0.98 | -0.44 | 0.99 | -0.61 | 1.00 |
| | elm1 | elm2 | elm3 | elm4 | elm5 | elm6 | elm7 | elm8 | elm9 | elm10 | elm11 | elm12 | elm13 | elm14 | elm15 |