**Supplementary Material**

**Effects of Dietary Fiber Intake on Gut Microbial Diversity and the Abundance of short-chain fatty acid Producing and Proteolytic Bacteria in Parkinson’s Disease Patients**

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**FIGURE CAPTIONS**

**Figure S1:** Relative abundance of SCFA-producing bacteria in (**A**) control and (**B**) PD patients in high and low fiber conditions. No significant differences were observed among these bacteria. However a slightly higher median is observed in *Coprococcus* and *Lachnospira* in high fiber groups.

**Figure S2:** Relative abundance of proteolytic bacteria in (**A**) control and (**B**) PD patients in high and low fiber conditions. No significant difference observed in abundance between high and low fiber groups, and a low relative abundance overall for these bacteria.

**Figure S3:** Correlation analysis of Bristol stool scores (1-6) vs. fiber consumption in (A) control and (B) PD patients. No linear correlation is observed between these two variables (R <0.1 and p <0.05).

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