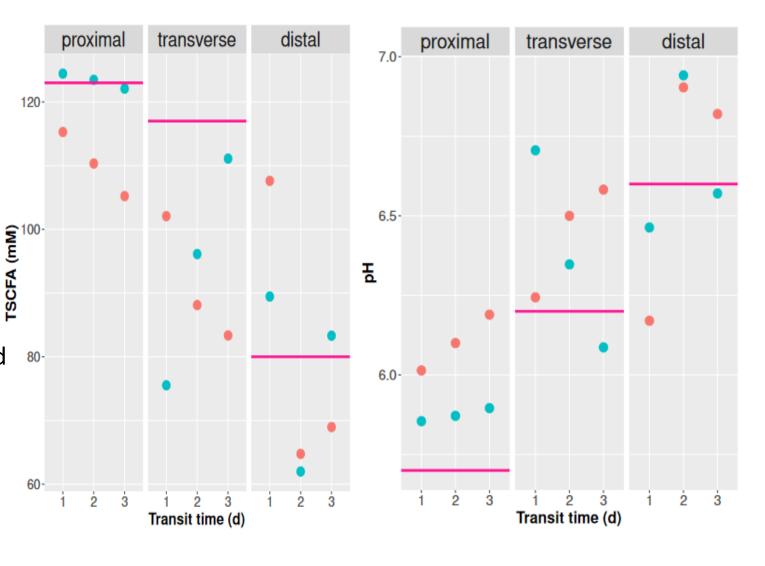


B. Physical properties of colon (colour matched with schematic A)

|            | Model region | Len<br>(cm) | Vol (L) | рН  | TSCFA<br>(mM) |
|------------|--------------|-------------|---------|-----|---------------|
| Cecum      | Prox         | 21          | 0.41    | 5.7 | 123           |
| Ascending  |              |             |         |     |               |
| Transverse | Trans        | 50          | 0.98    | 6.2 | 117           |
| Descending | Dist         | 60          | 1.63    | 6.6 | 80            |
| Sigmoid    |              |             |         |     |               |
| rectum     |              |             |         |     |               |



C. Comparison of model results for time-averaged TSCFA and pH with observed properties shown in Table B (pink lines).