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Fig. 5

Fig. 5A

w[1118], LD

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| w[1118], LD, ZT1-3 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\* |
| Refed Sucralose for 10 min | \*\* |
| Refed Glucose for 10 min | NS |
| Refed Glucose for 1 hr | NS |
| Starvation vs | Refed Sucralose for 10 min | NS |
| Refed Glucose for 10 min | \*\*\*\* |
| Refed Glucose for 1 hr | \*\*\*\* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (4, 26) = 14.24 |

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| w[1118], LD, ZT4-6 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\*\* |
| Refed Sucralose for 10 min | NS |
| Refed Glucose for 10 min | NS |
| Refed Glucose for 1 hr | NS |
| Starvation vs | Refed Sucralose for 10 min | \*\* |
| Refed Glucose for 10 min | \*\*\* |
| Refed Glucose for 1 hr | \*\*\* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (4, 36) = 9.693 |

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| --- |
| w[1118], LD, ZT7-9 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\* |
| Refed Sucralose for 10 min | NS |
| Refed Glucose for 10 min | NS |
| Refed Glucose for 1 hr | NS |
| Starvation vs | Refed Sucralose for 10 min | NS |
| Refed Glucose for 10 min | NS |
| Refed Glucose for 1 hr | \* |

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| p value | P=0.0054 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (4, 25) = 4.768 |

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| --- |
| w[1118], LD, ZT10-12 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\*\* |
| Refed Sucralose for 10 min | \* |
| Refed Glucose for 10 min | NS |
| Refed Glucose for 1 hr | NS |
| Starvation vs | Refed Sucralose for 10 min | \*\*\*\* |
| Refed Glucose for 10 min | \*\*\*\* |
| Refed Glucose for 1 hr | \*\*\*\* |

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| p value | P=0.0054 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (4, 25) = 4.768 |

Fig. 5B

y[1]w[1], LD

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| --- |
| y[1]w[1], LD, ZT1-3 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\*\* |
| Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | \*\*\* |
| Refed Glucose for 10 min | \*\* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (3, 32) = 12.04 |

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| y[1]w[1], LD, ZT4-6 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\* |
| Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | \* |
| Refed Glucose for 10 min | \*\* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Dunn's test |
| F value (F (DFn, DFd)) |  |

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| y[1]w[1], LD, ZT7-9 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\*\* |
| Refed Sucralose for 10 min | NS |
| Refed Glucose for 10 min | NS |
| Starvation vs | Refed Sucralose for 10 min | \*\*\* |
| Refed Glucose for 10 min | \*\*\*\* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (3, 32) = 23.95 |

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| y[1]w[1], LD, ZT10-12 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\*\* |
| Refed Sucralose for 10 min | NS |
| Refed Glucose for 10 min | NS |
| Starvation vs | Refed Sucralose for 10 min | \*\*\*\* |
| Refed Glucose for 10 min | \*\*\*\* |

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| p value | P=0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Dunn's test |
| F value (F (DFn, DFd)) |  |

Fig. 5C

per[01], LD

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| per[01], LD, ZT1-3 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\* |
| Refed Sucralose for 10 min | \*\*\*\* |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | \*\*\*\* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (3, 23) = 28.56 |

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| per[01], LD, ZT4-6 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \* |
| Refed Sucralose for 10 min | \*\* |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | \*\* |

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| p value | P=0.0003 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (3, 22) = 9.425 |

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| per[01], LD, ZT7-9 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\* |
| Refed Sucralose for 10 min | \* |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | \* |

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| p value | P=0.0014 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Dunn's test |
| F value (F (DFn, DFd)) |  |

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| per[01], LD, ZT10-12 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \* |
| Refed Sucralose for 10 min | \*\*\* |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | \* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (3, 17) = 13.36 |

Fig. 5D

tim[01], LD

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| tim[01], LD, ZT1-3 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\*\* |
| Refed Sucralose for 10 min | \*\*\*\* |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | \*\*\*\* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (3, 18) = 34.89 |

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| tim[01], LD, ZT4-6 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\*\* |
| Refed Sucralose for 10 min | \*\*\*\* |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | \*\*\*\* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (3, 32) = 44.40 |

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| tim[01], LD, ZT7-9 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\*\* |
| Refed Sucralose for 10 min | \*\*\*\* |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | \*\*\*\* |

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| p value | P<0.0001 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Tukey test |
| F value (F (DFn, DFd)) | F (3, 39) = 28.77 |

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| tim[01], LD, ZT10-12 |
| Comparison of Tp between | p value |
| Fed vs | Starvation | \*\*\* |
| Refed Sucralose for 10 min | \*\* |
| Refed Glucose for 10 min | ns |
| Starvation vs | Refed Sucralose for 10 min | ns |
| Refed Glucose for 10 min | \* |

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| p value | P=0.0002 |
| alpha | 0.05 |
| Multiple test (ANOVA and Tukey’s post hoc test or Kruskal-Wallis test and Dunn’s test) | Dunn's test |
| F value (F (DFn, DFd)) |  |

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