

MASHLipidDroplet — 지질방울 정량 보고서

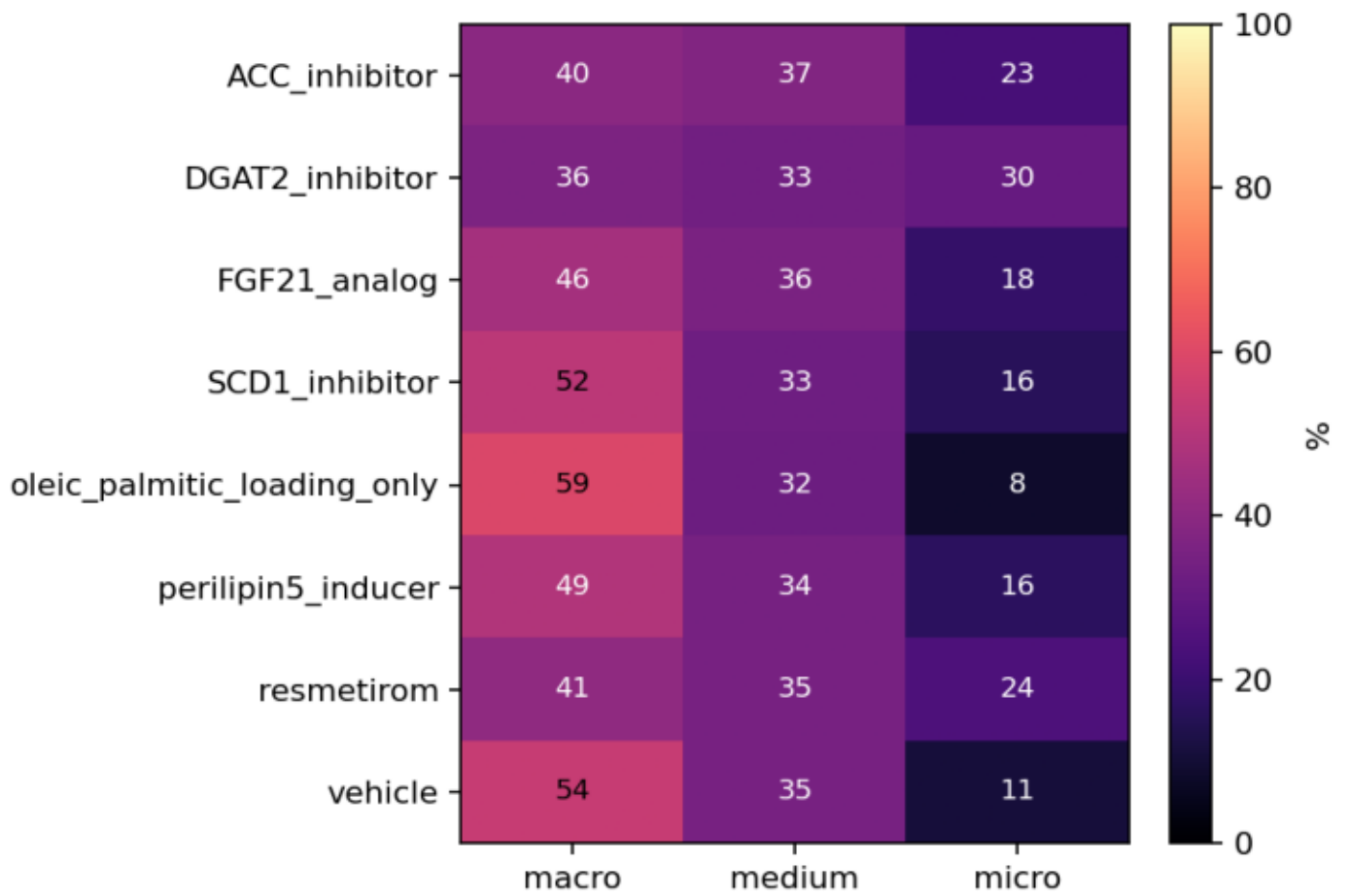
요약

- 분석 일시 / Generated: 2026-05-02 13:44
- 분석 well 수 / wells: 96
- 총 세포 수 / cells: 2400
- 총 LD object 수 / LDs: 20237
- 약물 수 / drugs: 8
- MOA matching: ON
- IC50 4PL fit: ON

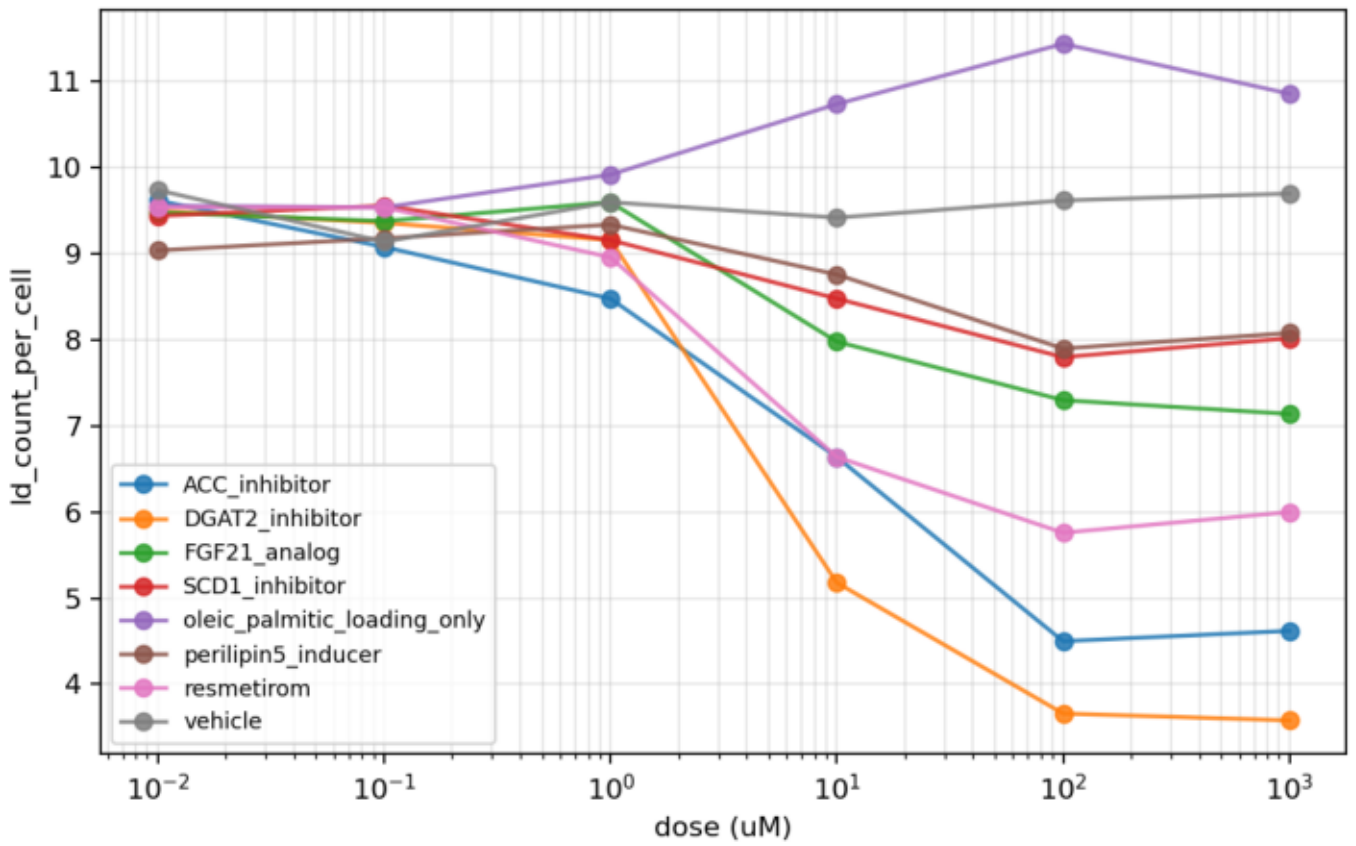
IC50 / EC50 추정값

- ACC_inhibitor (ld_count_per_cell): EC50=6.83 uM, hill=0.84, R²=0.99, n=6, ok=True
- DGAT2_inhibitor (ld_count_per_cell): EC50=5.64 uM, hill=1.72, R²=1.00, n=6, ok=True
- FGF21_analog (ld_count_per_cell): EC50=9.19 uM, hill=8.15, R²=0.99, n=6, ok=True
- SCD1_inhibitor (ld_count_per_cell): EC50=4.9 uM, hill=1.01, R²=0.98, n=6, ok=True
- oleic_palmitic_loading_only (ld_count_per_cell): EC50=3.13 uM, hill=1.15, R²=0.94, n=6, ok=True
- perilipin5_inducer (ld_count_per_cell): EC50=10.8 uM, hill=8.06, R²=0.97, n=6, ok=True
- resmetirom (ld_count_per_cell): EC50=3.58 uM, hill=1.32, R²=1.00, n=6, ok=True
- vehicle (ld_count_per_cell): EC50=91.9 uM, hill=7.02, R²=0.20, n=6, ok=True
- ACC_inhibitor (total_LD_area_per_cell): EC50=4.65 uM, hill=1.00, R²=0.99, n=6, ok=True
- DGAT2_inhibitor (total_LD_area_per_cell): EC50=4.39 uM, hill=2.08, R²=1.00, n=6, ok=True
- FGF21_analog (total_LD_area_per_cell): EC50=5.23 uM, hill=1.40, R²=1.00, n=6, ok=True
- SCD1_inhibitor (total_LD_area_per_cell): EC50=4.58 uM, hill=1.45, R²=0.97, n=6, ok=True
- oleic_palmitic_loading_only (total_LD_area_per_cell): EC50=4.33 uM, hill=1.02, R²=0.97, n=6, ok=True
- perilipin5_inducer (total_LD_area_per_cell): EC50=6.75 uM, hill=0.71, R²=1.00, n=6, ok=True
- resmetirom (total_LD_area_per_cell): EC50=3.89 uM, hill=0.99, R²=1.00, n=6, ok=True
- vehicle (total_LD_area_per_cell): EC50=37.4 uM, hill=9.85, R²=0.04, n=6, ok=True
- ACC_inhibitor (macro_pct): EC50=6.02 uM, hill=1.05, R²=0.99, n=6, ok=True
- DGAT2_inhibitor (macro_pct): EC50=5.61 uM, hill=1.73, R²=0.98, n=6, ok=True
- FGF21_analog (macro_pct): EC50=4.59 uM, hill=1.02, R²=0.98, n=6, ok=True

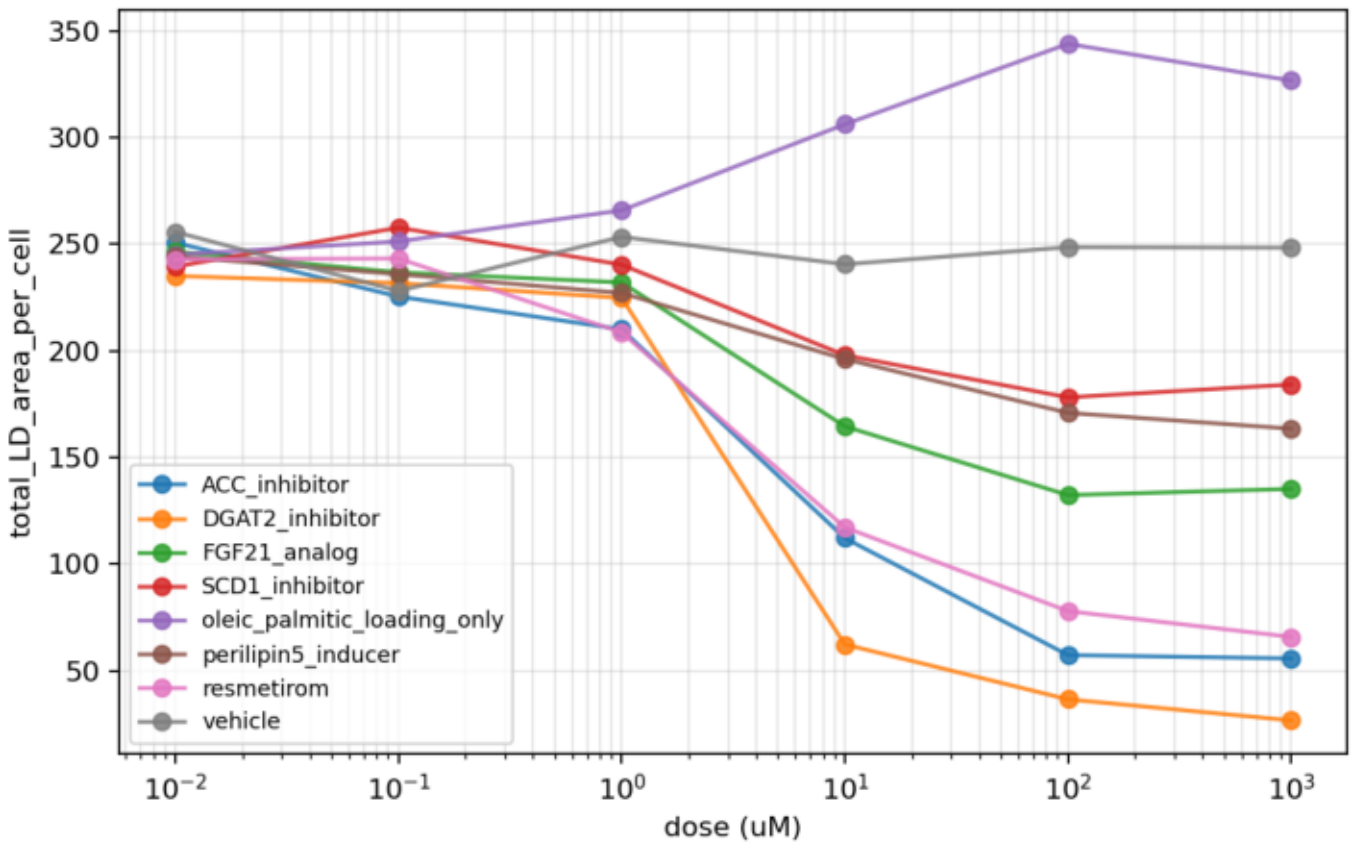
fig_subtype_heatmap.png



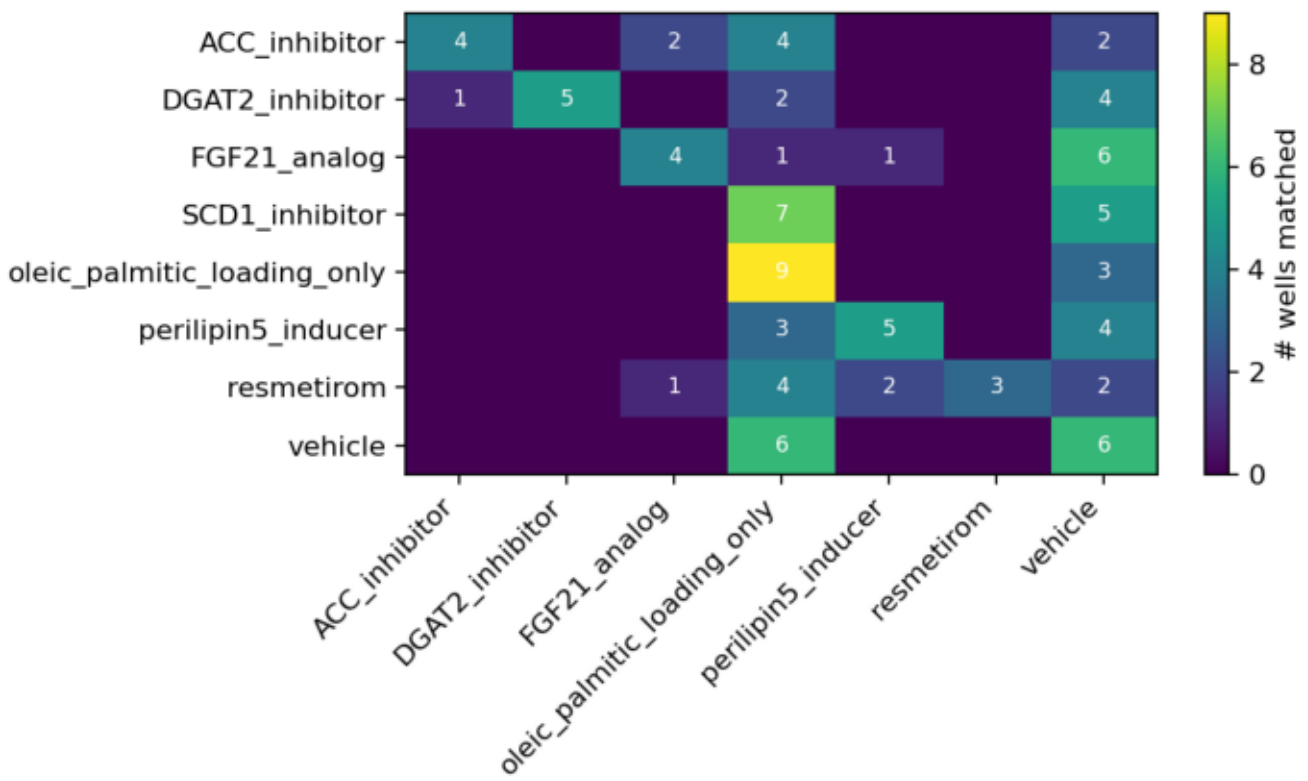
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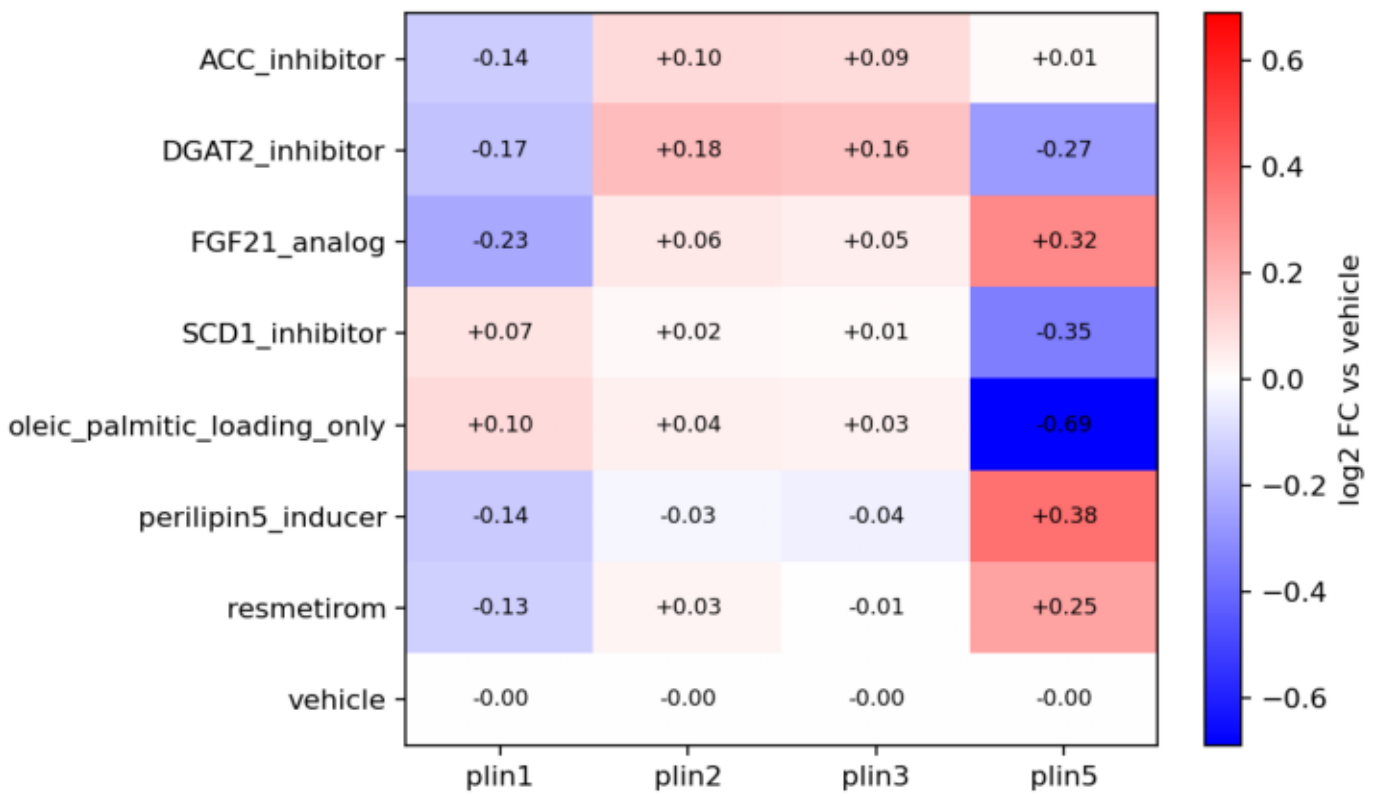
fig_dose_response_total_area.png



fig_moa_top1.png



fig_plin_coat_shift.png



MOA 핑거프린트 매칭 (top- 1)

- A01: obs=vehicle -> ref=oleic_palmitic_loading_only (sim=0.473)
- A02: obs=vehicle -> ref=vehicle (sim=0.461)
- A03: obs=vehicle -> ref=vehicle (sim=0.463)
- A04: obs=vehicle -> ref=oleic_palmitic_loading_only (sim=0.481)
- A05: obs=vehicle -> ref=oleic_palmitic_loading_only (sim=0.497)
- A06: obs=vehicle -> ref=vehicle (sim=0.464)
- A07: obs=vehicle -> ref=vehicle (sim=0.446)
- A08: obs=vehicle -> ref=oleic_palmitic_loading_only (sim=0.543)
- A09: obs=vehicle -> ref=oleic_palmitic_loading_only (sim=0.529)
- A10: obs=vehicle -> ref=vehicle (sim=0.473)
- A11: obs=vehicle -> ref=oleic_palmitic_loading_only (sim=0.493)
- A12: obs=vehicle -> ref=vehicle (sim=0.455)
- B01: obs=resmetirom -> ref=oleic_palmitic_loading_only (sim=0.532)
- B02: obs=resmetirom -> ref=oleic_palmitic_loading_only (sim=0.487)
- B03: obs=resmetirom -> ref=oleic_palmitic_loading_only (sim=0.483)
- B04: obs=resmetirom -> ref=vehicle (sim=0.486)
- B05: obs=resmetirom -> ref=vehicle (sim=0.419)
- B06: obs=resmetirom -> ref=oleic_palmitic_loading_only (sim=0.470)
- B07: obs=resmetirom -> ref=perilipin5_inducer (sim=0.350)
- B08: obs=resmetirom -> ref=FGF21_analog (sim=0.317)
- B09: obs=resmetirom -> ref=perilipin5_inducer (sim=0.536)
- B10: obs=resmetirom -> ref=resmetirom (sim=0.863)
- B11: obs=resmetirom -> ref=resmetirom (sim=0.884)
- B12: obs=resmetirom -> ref=resmetirom (sim=0.816)
- C01: obs=DGAT2_inhibitor -> ref=vehicle (sim=0.463)
- C02: obs=DGAT2_inhibitor -> ref=vehicle (sim=0.473)
- C03: obs=DGAT2_inhibitor -> ref=vehicle (sim=0.465)
- C04: obs=DGAT2_inhibitor -> ref=oleic_palmitic_loading_only (sim=0.480)
- C05: obs=DGAT2_inhibitor -> ref=oleic_palmitic_loading_only (sim=0.522)
- C06: obs=DGAT2_inhibitor -> ref=vehicle (sim=0.451)
- C07: obs=DGAT2_inhibitor -> ref=DGAT2_inhibitor (sim=0.855)
- C08: obs=DGAT2_inhibitor -> ref=DGAT2_inhibitor (sim=0.686)
- C09: obs=DGAT2_inhibitor -> ref=DGAT2_inhibitor (sim=0.993)
- C10: obs=DGAT2_inhibitor -> ref=ACC_inhibitor (sim=0.955)
- C11: obs=DGAT2_inhibitor -> ref=DGAT2_inhibitor (sim=0.991)
- C12: obs=DGAT2_inhibitor -> ref=DGAT2_inhibitor (sim=0.953)
- D01: obs=SCD1_inhibitor -> ref=oleic_palmitic_loading_only (sim=0.540)
- D02: obs=SCD1_inhibitor -> ref=vehicle (sim=0.452)
- D03: obs=SCD1_inhibitor -> ref=oleic_palmitic_loading_only (sim=0.523)
- D04: obs=SCD1_inhibitor -> ref=oleic_palmitic_loading_only (sim=0.543)