Figure S1. Daily steps counts (A; n/d), frequency of meals (B; n/d), time at the feed bunk (C; min/d), number of lying bouts (D; n/d) and lying time (E; min/d) of not diagnosed diseased cows (n = 345) *vs.* cows diagnosed with metritis, mastitis, retained placenta, displaced abomasums, ketosis and hypocalcemia (n = 144) from d –21 to d 0 relative to calving. Results are presented as least square means (± SEM).
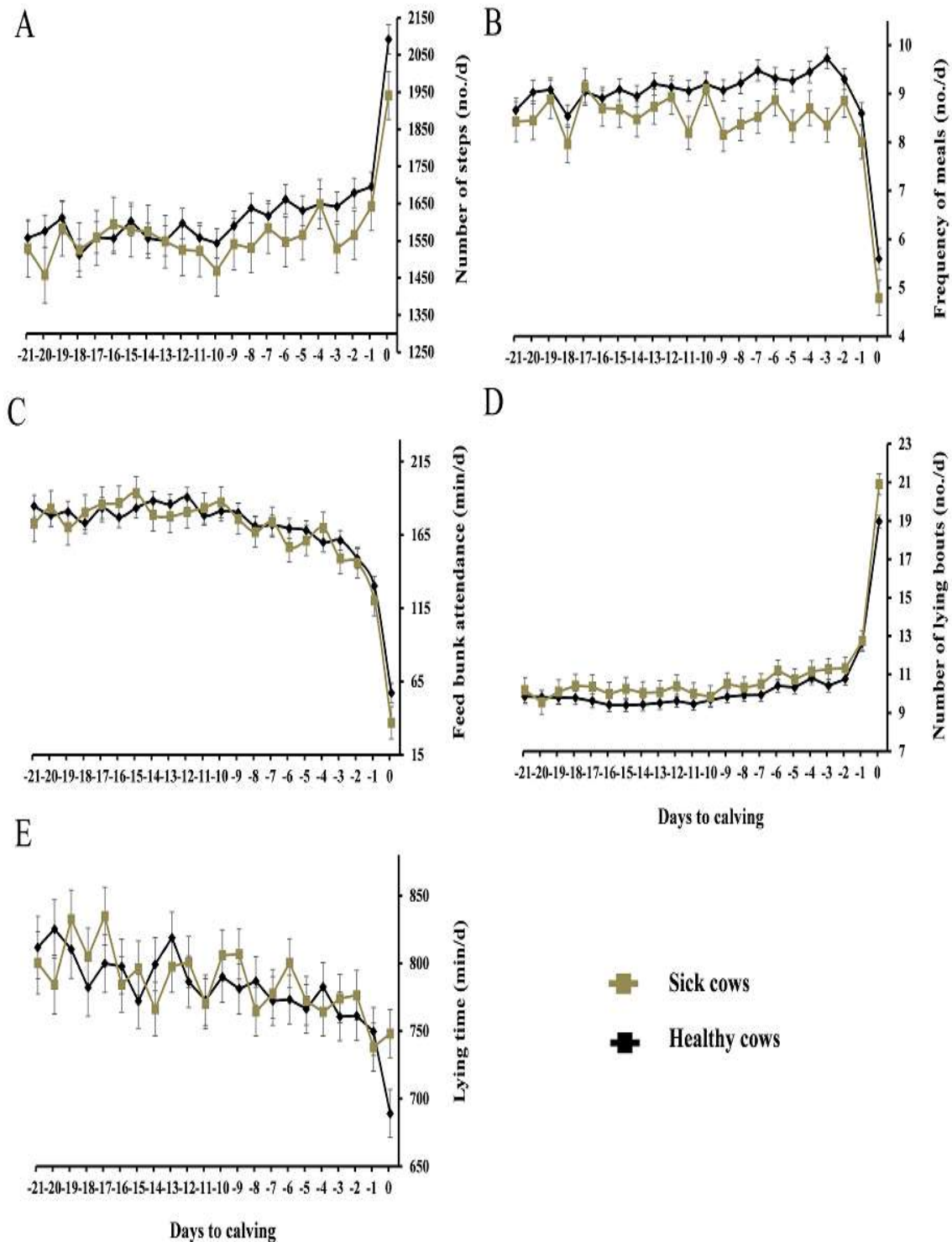
Figure S2. Daily steps counts (A; n/d), frequency of meals (B; n/d), time at the feed bunk (C; min/d), number of lying bouts (D; n/d) and lying time (E; min/d) of not diagnosed diseased cows (n = 345) *vs.* cows with metritis (n = 39) from d −21 to d 0 relative to calving. Results are presented as least square means (± SEM); (*) within the same day differ at $P < 0.05$; (†) within the same day tended to differ ($0.05 < P < 0.10$).
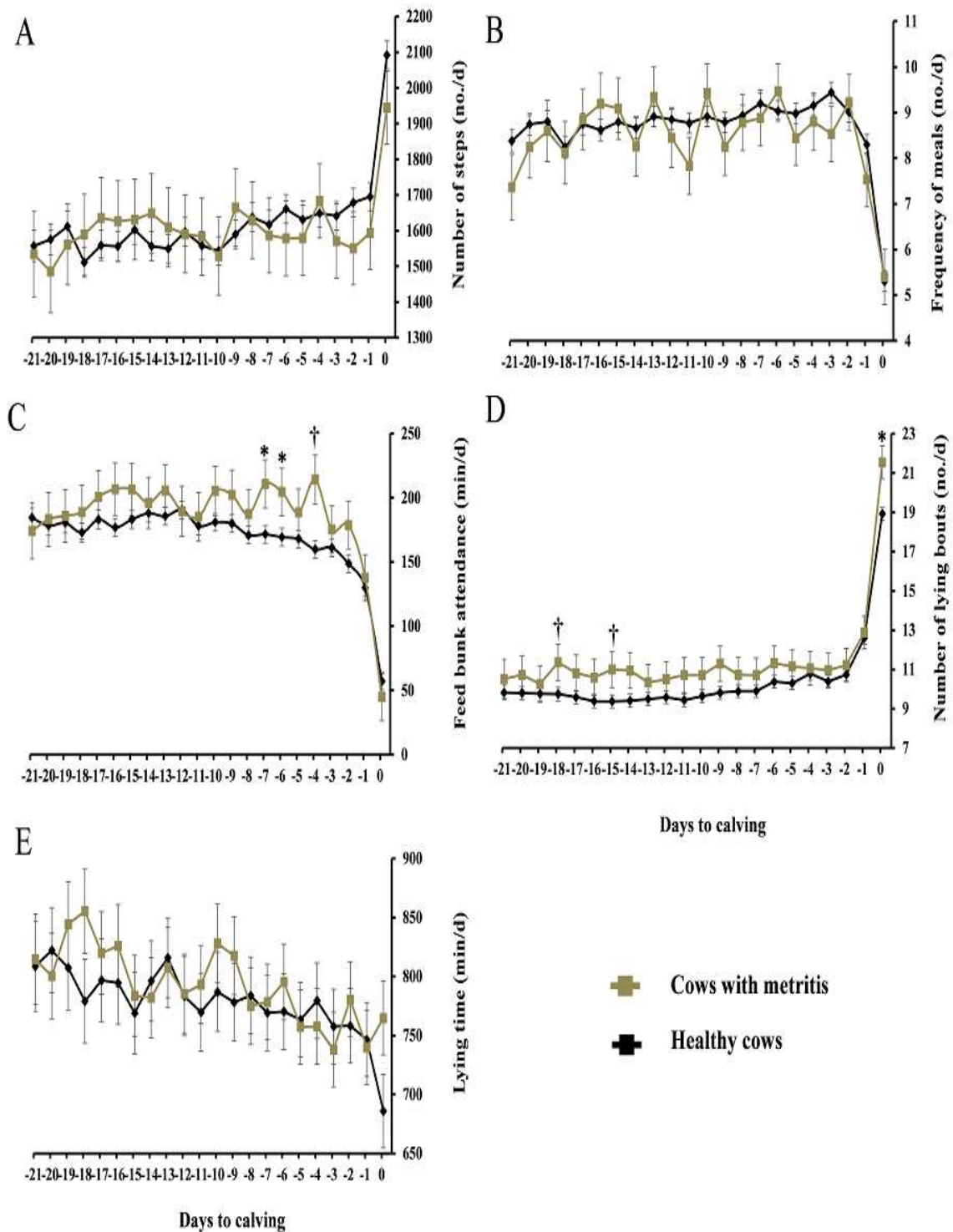
Figure S3. Daily steps counts (A; n/d), frequency of meals (B; n/d), time at the feed bunk (C; min/d), number of lying bouts (D; n/d) and lying time (E; min/d) of not diagnosed diseased cows (n = 345) *vs.* cows with mastitis (n = 25) from d –21 to d 0 relative to calving. Results are presented as least square means (± SEM).
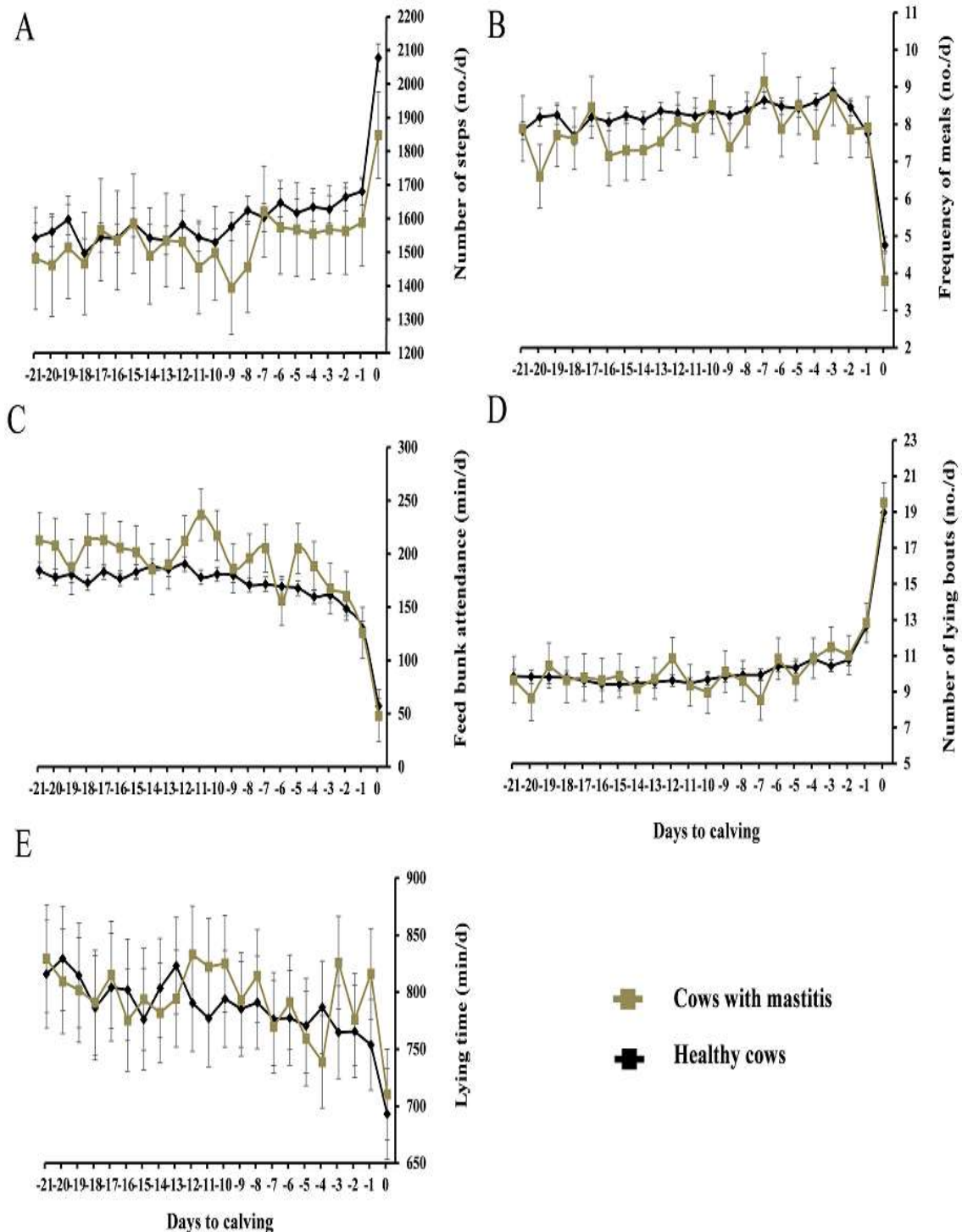
Figure S4. Daily steps counts (A; n/d), frequency of meals (B; n/d), time at the feed bunk (C; min/d), number of lying bouts (D; n/d) and lying time (E; min/d) of cows not diagnosed diseased cows (n = 345) *vs.* cows with retained placenta (n = 25) from d –21 to d 0 relative to calving. Results are presented as least square means (± SEM).
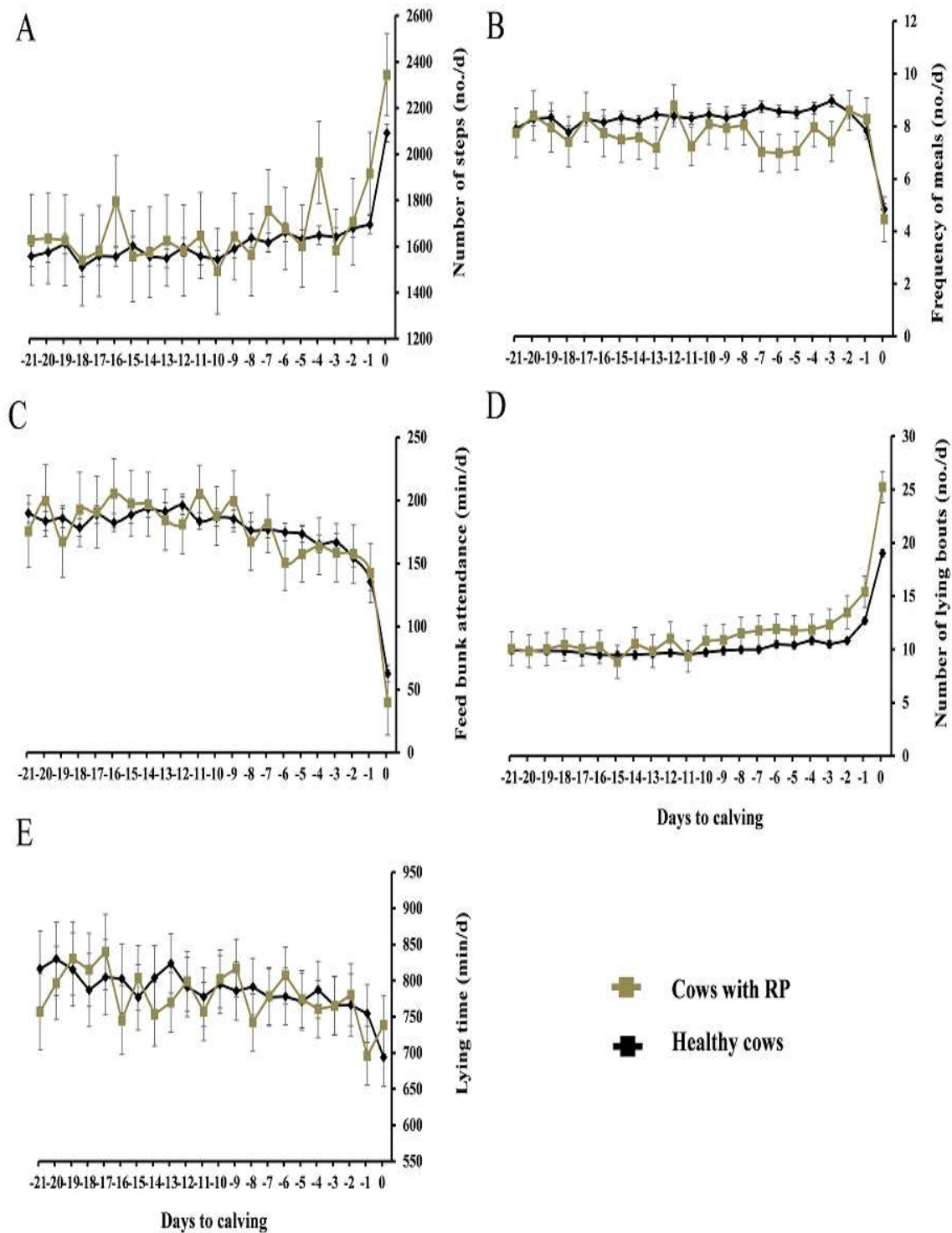
Figure S5. Daily steps counts (A; n/d), frequency of meals (B; n/d), time at the feed bunk (C; min/d), number of lying bouts (D; n/d) and lying time (E; min/d) of not diagnosed diseased cows (n = 345) *vs.* cows with displaced abomasum (n = 19) from d –21 to d 0 relative to calving. Results are presented as least square means (± SEM); (*) within the same day differ at P < 0.05; (†) within the same day tended to differ (0.05 < P < 0.10).
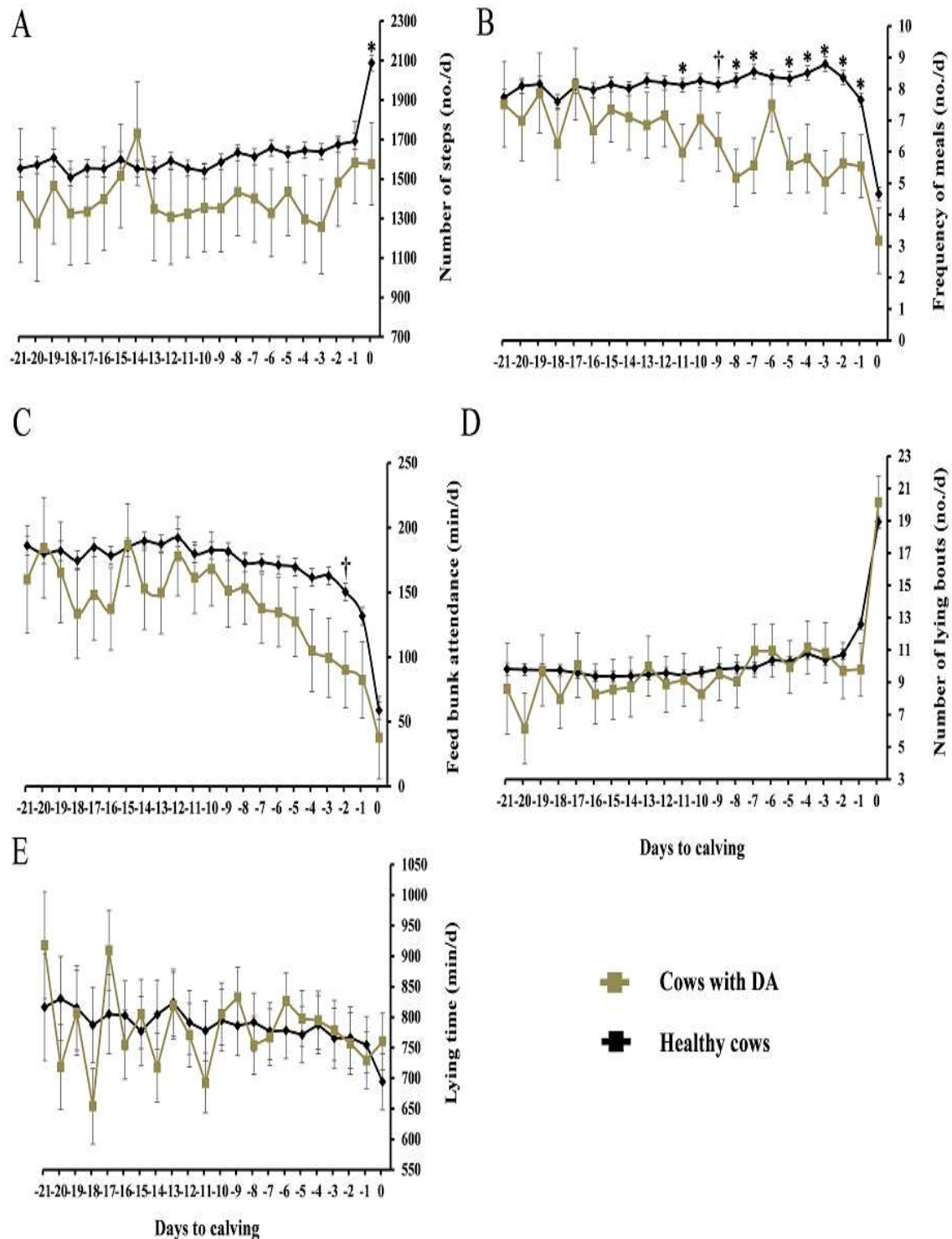
Figure S6. Daily steps counts (A; n/d), frequency of meals (B; n/d), time at the feed bunk (C; min/d), number of lying bouts (D; n/d) and lying time (E; min/d) of not diagnosed diseased cows (n = 345) *vs.* cows with ketosis (n = 15) from d –21 to d 0 relative to calving. Results are presented as least square means (± SEM); (*) within the same day differ at $P < 0.05$; (†) within the same day tended to differ ($0.05 < P < 0.10$).