

Site fidelity of farmed gilthead seabream *Sparus aurata* escapees in a coastal environment of the Adriatic Sea

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Supplement. Additional data

Table S1. Information provided for each receiver regarding location coordinates, receiver depth and features of the seabed.

Receiver location	Latitude	Longitude	Receiver depth (m)	Seabed features
Farm	43.5598333	15.9427778	12	Sandy mud
I1	43.55875	15.944167	4.5	Seagrass covered sandy bottom
I4	43.560667	15.9405	11	Gravel rocky sea bottom
I5	43.5617	15.9373	23	Rocky sea bottom
U6	43.567017	15.93765	13.5	Seagrass covered sandy bottom
U7	43.5650556	15.9362222	23.7	Seagrass
M8	43.563417	15.933367	24.5	Rocky sea bottom
M9	43.5616	15.934983	25	Rocky sea bottom
M10	43.563317	15.930417	24	Seagrass covered rocky bottom
M11	43.561613	15.935017	24.5	Rocky sea bottom
O12	43.559271	15.923697	33	Seagrass covered rocky bottom
O13	43.560733	15.926533	24	Seagrass covered rocky bottom
O14	43.56295	15.9254	38.5	Seagrass covered rocky bottom
O15	43.565001	15.925361	25.7	Rocky sea bottom
O16	43.565983	15.92065	29	Rocky sea bottom

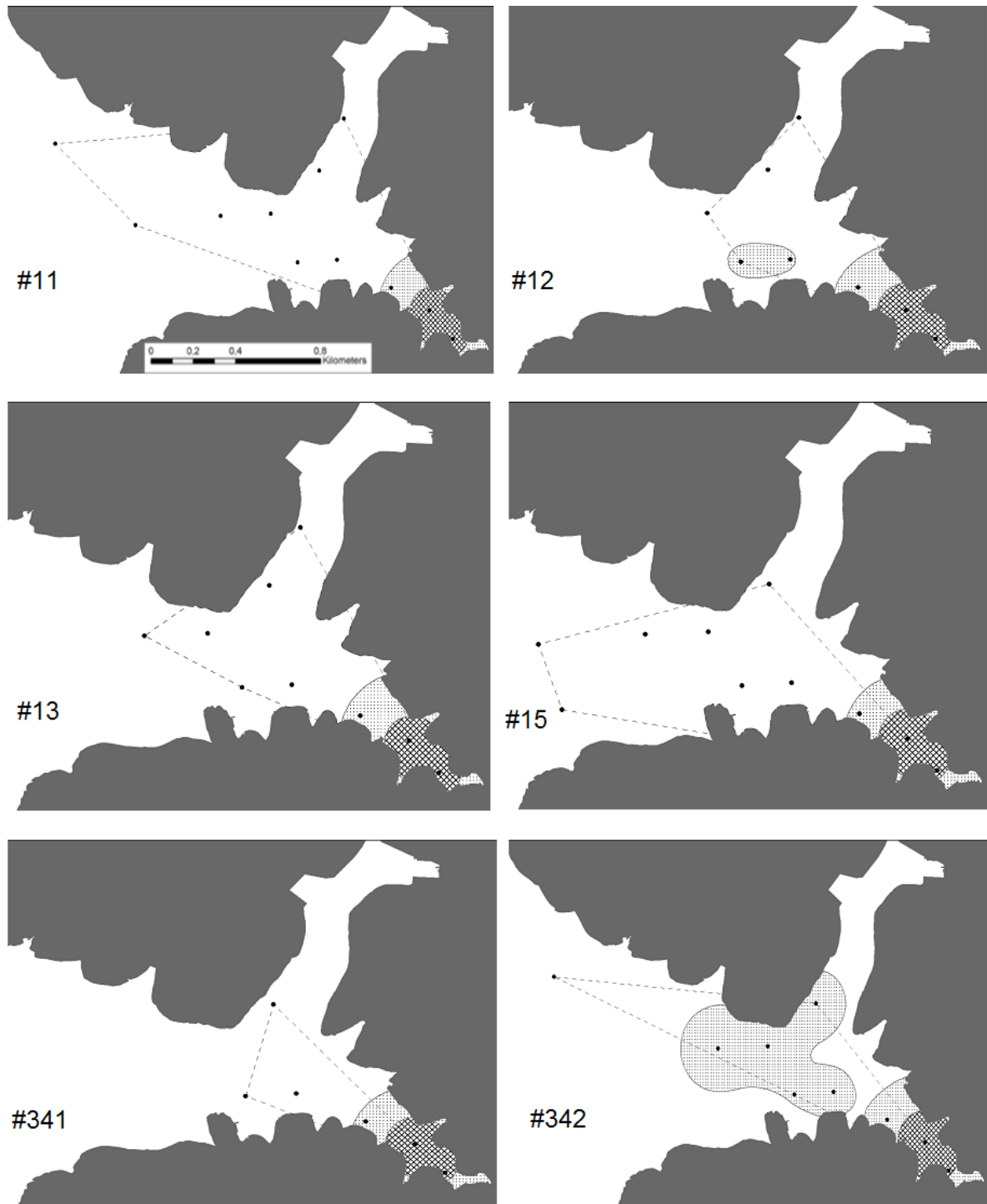


Figure S1. Home range and core activity areas for acoustically tagged *Sparus aurata* in total study period. Minimum Convex Polygon (MCP) (dashed line), 50% Kernel utilization distribution (KUD) (grid area) and 95% KUD (dotted area).

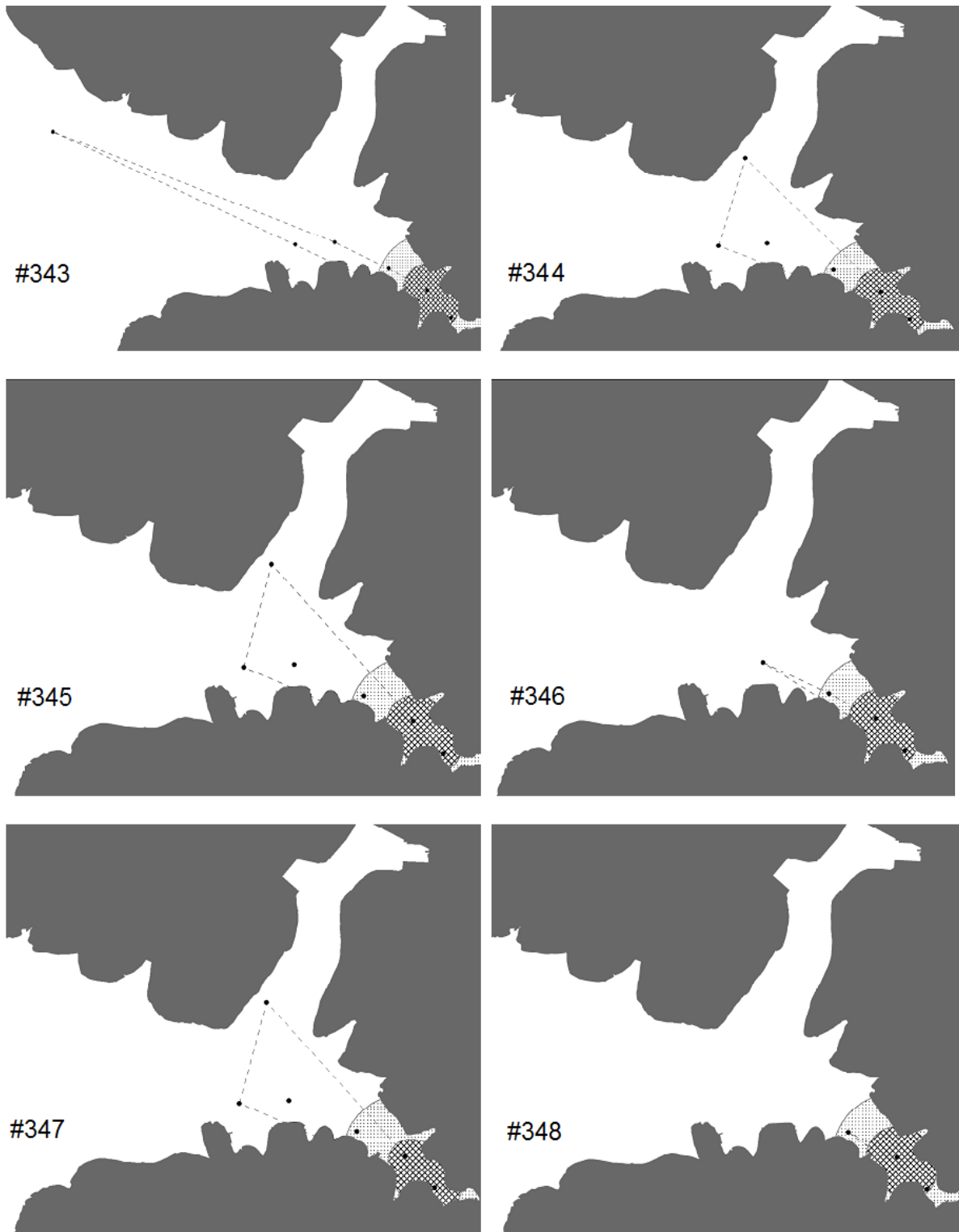


Figure S1. Continued.



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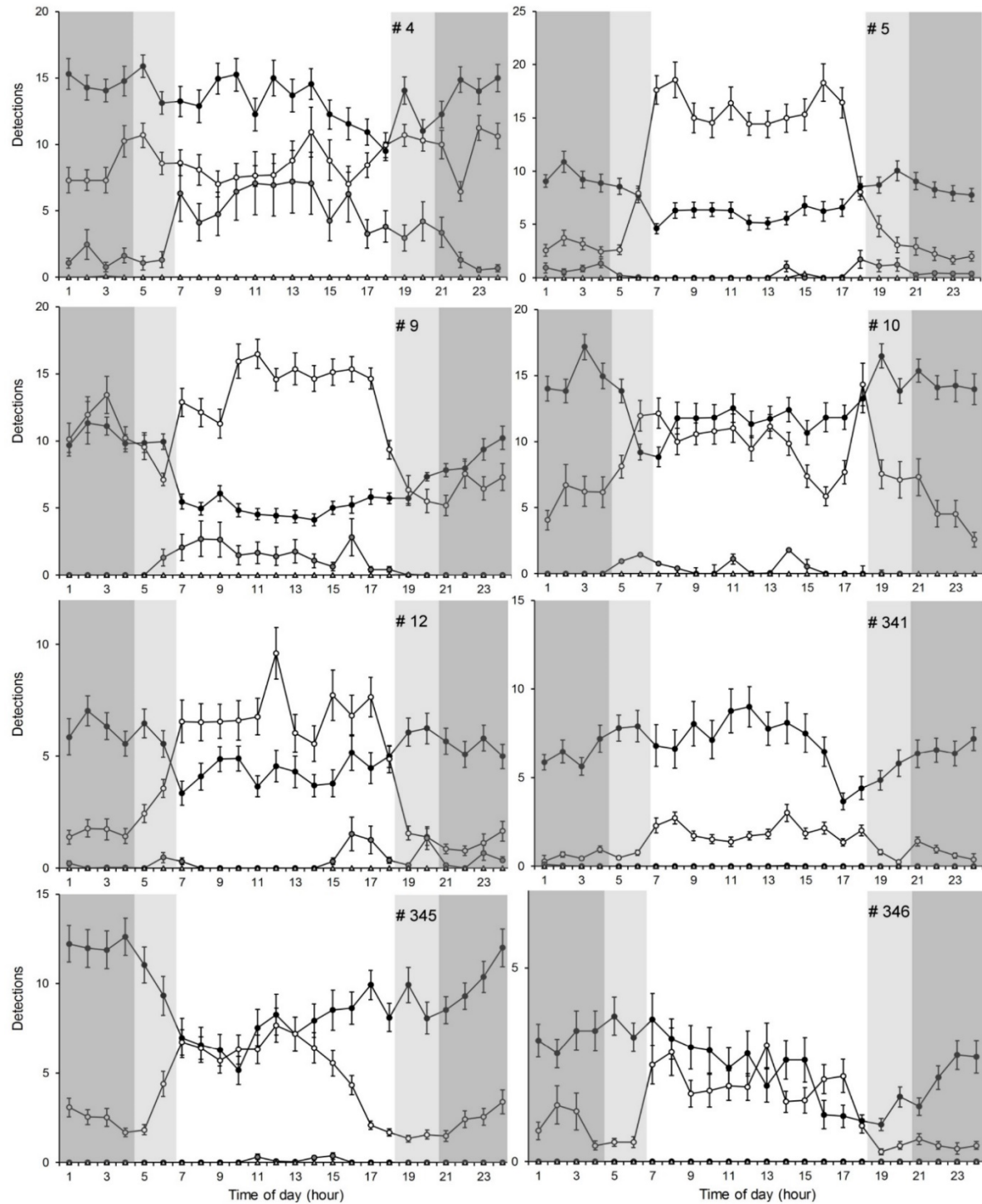


Figure S2. Mean (\pm SE) number of detections per receiver group of released *Sparus aurata* tagged with acoustic transmitters within the 24 h of the day. The black circles indicate detections by receiver at the farm (Farm), the white circles by receivers from the farm impacted area (I1, I4, I5), the gray circles by receivers in the central area of the bay (M8, M9, M10, U6, U7) and the light gray triangles by receivers in the outer part of the bay (O12, O13, O14, O15, O16). Dark plot areas present nighttime and light grey areas present sunrise and sunset periods.