

## **Defining separation zones for coastal birds at a wetland of global importance**

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**Table S1.** Model specifications of the 32 models in the candidate set. SD = Starting Distance.

Behaviour = foraging/not foraging. Status = migrant/resident. Flock Size = number of

conspecifics in 25 m radius. Species Richness = number of different species in 25 m radius.

<b>Model</b>	<b>Terms</b>
Null	SD + Wind
2.	SD + Wind + Log <sub>10</sub> (Mass)
3.	SD + Wind + Behaviour
4.	SD + Wind + Flock Size
5.	SD + Wind + Species Richness
6.	SD + Wind + Status
7.	SD + Wind + Log <sub>10</sub> (Mass) + Behaviour
8.	SD + Wind + Log <sub>10</sub> (Mass) + Flock Size
9.	SD + Wind + Log <sub>10</sub> (Mass) + Species Richness
10.	SD + Wind + Log <sub>10</sub> (Mass) + Status
11.	SD + Wind + Behaviour + Flock Size
12.	SD + Wind + Behaviour + Species Richness
13.	SD + Wind + Behaviour + Status
14.	SD + Wind + Flock Size + Species Richness
15.	SD + Wind + Flock Size + Status
16.	SD + Wind + Species Richness + Status
17.	SD + Wind + Log <sub>10</sub> (Mass) + Behaviour + Flock Size
18.	SD + Wind + Log <sub>10</sub> (Mass) + Behaviour + Species Richness
19.	SD + Wind + Log <sub>10</sub> (Mass) + Behaviour + Status
20.	SD + Wind + Log <sub>10</sub> (Mass) + Flock Size + Species Richness
21.	SD + Wind + Log <sub>10</sub> (Mass) + Flock Size + Status
22.	SD + Wind + Log <sub>10</sub> (Mass) + Species Richness + Status
23.	SD + Wind + Behaviour + Flock Size + Species Richness
24.	SD + Wind + Behaviour + Flock Size + Status
25.	SD + Wind + Behaviour + Flock Size + Species Richness

26. SD + Wind + Flock Size + Species Richness + Status
  27. SD + Wind + Log<sub>10</sub>(Mass) + Behaviour + Flock Size + Species Richness
  28. SD + Wind + Log<sub>10</sub>(Mass) + Behaviour + Flock Size + Status
  29. SD + Wind + Log<sub>10</sub>(Mass) + Flock Size + Species Richness + Status
  30. SD + Wind + Log<sub>10</sub>(Mass) + Behaviour + Species Richness + Status
  31. SD + Wind + Behaviour + Flock Size + Species Richness + Status
  - Full SD + Wind + Log<sub>10</sub>(Mass) + Behaviour + Flock Size + Species Richness + Status
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