

**Supplementary Table 2.** Comparison of clinical features and epidemiologic characteristics between the non-spreaders and the spreaders during the 2015 Korean outbreak of MERS-CoV, after censoring patients who had developed symptoms later than June 7 or unknown symptom onset (n = 56)

Patient and epidemiologic characteristics	Non-spreader (n = 118)	Spreader (n = 12)	P value
<b>Patient characteristics</b>			
Age, mean (± SD)	55.5 (± 15.2)	53.8 (± 18.8)	0.708
Male	67 (56.8)	9 (75.0)	0.233
<b>Underlying diseases</b>			
DM	23 (19.5)	1 (8.3)	0.360
Hypertension	38 (32.2)	3 (25.0)	0.610
Chronic kidney diseases	4 (3.4)	1 (8.3)	0.413
Chronic heart diseases	11 (9.3)	0 (0.0)	0.999
Chronic lung diseases	13 (11.0)	2 (16.7)	0.563
Chronic liver diseases	6 (5.1)	1 (8.3)	0.638
<b>Clinical characteristics at presentation</b>			
<b>Signs and symptoms*</b>			
Fever (≥ 38.5°C)	16 (13.8)	5 (41.7)	0.020
Systolic BP ≤ 90 mmHg	7 (6.0)	1 (8.3)	0.755
Diastolic BP ≤ 60 mmHg	20 (17.2)	3 (25.0)	0.508
Respiratory rate > 24/min	14 (12.1)	4 (33.3)	0.056
Cough	64 (55.2)	10 (83.3)	0.079
Sputum	42 (36.2)	8 (66.7)	0.050
Dyspnea	27 (23.3)	8 (66.7)	0.004
Myalgia	51 (43.6)	7 (58.3)	0.333
Headache	26 (22.2)	2 (16.7)	0.658
Diarrhea	24 (20.5)	3 (25.0)	0.717
<b>Laboratory tests</b>			
WBC > 10,000/μL or < 4,000/μL <sup>†</sup>	57 (52.8)	7 (58.3)	0.715
Platelet < 100,000 /μL <sup>†</sup>	21 (19.4)	4 (33.3)	0.269
CRP ≥ 3.0 mg/dL <sup>‡</sup>	50 (50.5)	9 (81.8)	0.066
BUN > 20 mg/dL <sup>§</sup>	16 (15.5)	2 (16.7)	0.919
Creatinine > 1.5 mg/dL <sup>§</sup>	5 (4.9)	1 (8.3)	0.613
CXR abnormality in more than 3 lung zones <sup>  </sup>	12 (10.7)	5 (41.7)	0.007
Symptom onset to negative conversion, day, median (IQR) <sup>¶</sup>	18.0 (15.5–21.5)	28.5 (20.0–35.0)	0.002
<b>Clinical outcomes</b>			
Mechanical ventilation*	26 (22.4)	6 (50.0)	0.045
Days from symptom onset to mechanical ventilation, median (IQR)*	10.0 (7.8–12.0)	9.0 (6.5–11.5)	0.672
Mortality	26 (22.0)	4 (33.3)	0.381
Days from symptom onset to death, median (IQR)	14.5 (11.5–21.0)	7.0 (2.8–9.0)	0.050
<b>Epidemiologic characteristics</b>			
<b>Phase in chain of transmission</b>			
Primary	0 (0.0)	1 (9.1)	0.007
Secondary	25 (21.2)	5 (45.5)	
Tertiary	92 (78.0)	5 (45.5)	
Quaternary	1 (0.8)	0 (0.0)	
Median incubation period, day, mean (± SD)**	5.9 (± 3.3)	7.1 (± 3.6)	0.263
Symptom onset to isolation, day, mean (± SD)	4.2 (± 4.1)	6.0 (± 3.2)	0.138
Nonisolated in-hospital days, median (IQR)	1.0 (0.0–2.3)	5.0 (2.0–8.5)	0.001
Nonisolated in-hospital days ≥ 2 day	49 (41.5)	10 (83.3)	0.014
Symptom onset to diagnosis, day, mean (± SD)	7.4 (± 3.9)	8.5 (± 2.9)	0.330

Data shown are number (%) not otherwise specified.

MERS-CoV = Middle East Respiratory Syndrome Coronavirus, SD = standard deviation, DM = diabetes mellitus, BP = blood pressure, WBC = white blood cell, CRP = C-reactive protein, BUN = blood urea nitrogen, CXR = chest X-ray, IQR = interquartile range.

\*Data were unavailable in 2 cases (1.5%); †Data were unavailable in 10 cases (7.7%); ‡Data were unavailable in 20 cases (15.4%); §Data were unavailable in 15 cases (11.5%);

||Data were unavailable in 6 cases (4.6%); ¶Data were unavailable in 33 cases (25.4%); \*\*Data were unavailable in one case (0.8%).