

SUPPLEMENTARY MATERIAL: ON INDUCED GENERALIZED RECORD RANKED SET SAMPLING AND ITS ROLE IN BIVARIATE MODEL BUILDING

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APPENDIX

COMPLETE DATA

Cycle I

LINE No. 1:

(76.77165354, *), (**76.37795276, 8.129086**)

LINE No. 2:

(35.76115486, *), (**89.37007874, 11.40598**), (98.29396325, *)

LINE No. 3:

(98.91732283, *), (55.61023622, *), (107.2834646, *), (54.26509186, *),
(67.38845144, *), (34.61286089, *), (93.99606299, *), (72.76902887, *),
(72.70341207, *), (50.52493438, *), (97.76902887, *), (55.77427822, *),
(89.30446194, *), (53.96981627, *), (78.34645669, *), (91.20734908, *),
(70.63648294, *), (65.28871391, *), (**103.7729659, 13.79865**)

LINE No. 4:

(**104.9868766, 20.74346**), (59.54724409, *), (79.23228346, *), (57.80839895, *),
(45.43963255, *), (95.89895013, *), (90.22309711, *), (64.40288714, *),
(66.01049869, *), (135.1706037, *)

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LINE No. 5:

(81.82414698, *), (58.46456693, *), (71.62073491, *), (51.01706037, *),
 (78.28083989, *), (65.22309711, *), (70.70209974, *), (83.82545932, *),
(82.67716535, 3.245907)

LINE No. 6:

(63.15616798, *), (54.62598425, *), (62.79527559, *), (70.57086614, *),
 (103.8385827, *), (50.68897638, *), (75.32808399, *), **(102.4278215, 9.673083)**

Cycle II

LINE No. 1:

(88.05774278, *), **(78.2152231, 7.118724)**

LINE No. 2:

(57.87401575, *), (63.32020997, *), **(60.85958005, 10.70521)**

LINE No. 3:

(67.65091863, *), (42.97900262, *), (84.15354331, *), **(83.69422572, 20.41904)**

LINE No. 4:

(65.12467192, *), (73.81889764, *), (56.167979, *), (90.7152231, *),
 (103.3464567, *), (88.18897638, *), (79.49475066, *), **(100.0656168, 9.788763)**

LINE No. 5:

(101.0498688, 5.283875), (81.69291339, *), (56.43044619, *), (66.60104987, *),
 (74.31102362, *), (61.18766404, *), (84.64566929, *), (45.60367454, *),
 (86.94225722, *), (87.92650919, *), (85.13779528, *), (79.33070866, *),
 (102.4934383, *)

LINE No. 6:

(69.29133858, *), (66.40419947, *), (98.75328084, *), (46.58792651, *),
 (64.10761155, *), (109.9081365, *), (62.99212598, *), (152.8871391, *),
 (75.78740157, *), (64.23884514, *), (48.06430446, *), (120.0787402, *),
 (68.667979, *), (92.48687664, *), (82.57874016, *), (46.25984252, *),
 (70.37401575, *), (93.50393701, *), (50.0328084, *), (52.29658793, *),
(137.1391076, 23.63376)

Cycle III

LINE No. 1:

(92.38845144, *), **(71.03018373, 4.597795)**

LINE No. 2:

(79.16666667, 5.911017), (70.20997375, *), (58.53018373, *), (88.28740157, *)

LINE No. 3:

(79.56036745, *), (50.36089239, *), (**81.88976378, 25.11252**), (41.33858268, *),
(104.3307087, *)

LINE No. 4:

(57.41469816, *), (67.45406824, *), (61.28608924, *), (88.41863517, *),
(**72.63779528, 6.217212**)

LINE No. 5:

(82.51312336, *), (71.7519685, *), (49.8687664, *), (92.29002625, *),
(66.07611549, *), (99.31102362, *), (69.35695538, *), (84.4816273, *),
(88.54986877, *), (83.66141732, *), (92.68372703, *), (52.36220472, *),
(**95.96456693, 29.26684**)

LINE No. 6:

(54.46194226, *), (84.97375328, *), (93.33989501, *), (115.4855643, *),
(66.53543307, *), (53.80577428, *), (55.38057743, *), (72.57217848, *),
(80.54461942, *), (37.72965879, *), (62.17191601, *), (82.38188976, *),
(79.62598425, *), (74.80314961, *), (73.49081365, *), (45.93175853, *),
(59.2191601, *), (101.2139108, *), (52.49343832, *), (98.16272966, *),
(71.8503937, *), (84.87532808, *), (72.67060367, *), (**124.015748, 12.54846**),
(99.24540682, *), (89.50131234, *), (62.66404199, *), (69.55380577, *),
(130.9055118, *)

Cycle IV

LINE No. 1:

(81.85695538, *), (**61.81102362, 8.491452**)

LINE No. 2:

(55.24934383, *), (**70.76771654, 22.23928**), (51.24671916, *), (75.45931759, *)

LINE No. 3:

(45.27559055, *), (68.6023622, *), (**74.14698163, 2.129555**), (41.01049869, *),
(117.4540682, *)

LINE No. 4:

(62.33595801, *), (58.39895013, *), (**79.88845144, 11.77938**), (64.33727034, *),
(90.84645669, *)

LINE No. 5:

(68.7992126, *), (49.37664042, *), (76.44356955, *), (**87.10629921, 8.068637**),
(64.04199475, *), (56.2335958, *), (58.98950131, *), (64.53412073, *),
(64.79658793, *), (80.70866142, *), (48.88451444, *), (45.76771654, *)

(72.04724409, *), (93.17585302, *)

LINE No. 6:

(47.40813648, *), (71.12860892, *), (88.35301837, *), (76.27952756, *),
 (49.21259843, *), (52.00131234, *), (71.8175853, *), (99.17979003, *),
 (56.2992126, *), (47.57217848, *), (65.09186352, *), (59.64566929, *),
 (95.47244094, *), (52.42782152, *), **(97.11286089, 17.85888)**

Cycle V

LINE No. 1:

(57.93963255, 5.988804), (75.22965879, *)

LINE No. 2:

(47.17847769, *), **(66.27296588, 2.288975)**, (105.6430446, *)

LINE No. III

(65.35433071, *), (112.2047244, *), (59.87532808, *), (79.72440945, *),
 (69.94750656, *), **(96.12860892, 44.95453)**

LINE No. 4:

(75.1312336, *), (59.05511811, *), (103.9370079, *), (81.95538058, *),
 (80.93832021, *), (69.48818898, *), (71.9160105, *), **(82.64435696, 47.83497)**

LINE No. 5:

(76.11548556, *), (69.38976378, *), (70.47244094, *), (54.33070866, *),
 (73.65485564, *), (92.84776903, *), (72.11286089, *), (71.68635171, *),
 (67.71653543, *), (51.31233596, *), (58.85826772, *), **(77.26377953, 8.258372)**

LINE No. 6:

(101.7060367, 10.08975), (77.42782152, *), (85.30183727, *), (72.17847769, *),
 (91.37139108, *), (74.63910761, *), (56.92257218, *), (98.22834646, *),
 (100.5577428, *), (61.94225722, *), (95.63648294, *), (83.98950131, *),
 (51.44356955, *), (59.3832021, *), (90.6496063, *), (96.03018373, *),
 (123.3595801, *)

Cycle VI

LINE No. 1:

(51.83727034, 1.434076), (82.84120735, *)

LINE No. 2:

(96.62073491, 16.00358), (96.45669291, *), (81.75853018, *), (47.04724409, *),
 (46.9160105, *), (47.90026247, *), (71.52230971, *), (64.50131234, *),
 (69.88188976, *), (58.00524934, *), (131.0695538, *)

LINE No. 3:

(**88.48425197, 16.73553**), (65.41994751, *), (61.02362205, *), (80.24934383, *),
(100.3937008, *)

LINE No. 4:

(60.69553806, *), (91.86351706, *), (85.95800525, *), (94.48818898, *),
(68.7335958, *), (69.42257218, *), (**92.51968504, 12.58971**)

LINE No. 5:

(75.95144357, *), (102.5590551, *), (67.32283465, *), (61.15485564, *),
(101.8700787, *), (66.14173228, *), (68.56955381, *), (84.2519685, *),
(52.65748031, *), (81.2007874, *), (56.3648294, *), (103.8057743, *),
(104.9540682, *), (80.80708661, *), (78.74015748, *), (**103.8713911, 11.74086**)

LINE No. 6:

(90.7480315, *), (43.14304462, *), (63.48425197, *), (62.92650919, *),
(78.41207349, *), (66.20734908, *), (64.30446194, *), (59.71128609, *),
(111.8766404, *), (65.02624672, *), (87.4343832, *), (55.28215223, *),
(93.6351706, *), (**94.32414698, 11.35103**)