Tables for estimation performance with multiple stratification for datasets with covariate effect

Each of the following tables displays the estimation performance numerically:

* *TVCL1*, *TVCL2*, and *CVCL*

Each cell corresponds to a bar in the figure at the respective position. Results of subsets with at least 5 datasets are included, otherwise the “/” sign is shown. Each of the *seven* values in each cell corresponds to the lower limits of the 99%, 95%, and 90% ranges, the median (***bolded***), and the upper limits of the 90%, 95%, and 99% ranges of the relative estimation errors (expressed in terms of percentage) within that subset, respectively. Estimation errors within ±10%, ±25%, ±50%, and beyond ±50% are colored ***blue***, ***green***, ***orange***, and ***red***, respectively. The numbers within the brackets represent the counts of datasets within the respective subsets. Counts less than 20 are colored *grey*, while those with 200, 200, and 150 or above (for *TVCL1*, *TVCL2*, and *CVCL*, respectively) are ***bolded***.

* *MIXP1*

Each cell corresponds to a bar in the figure at the respective position (expressed as percentage). Results of subsets with at least 5 datasets are included, otherwise the “/” sign is shown. Each of the *seven* values in each cell corresponds to the lower limits of the 99%, 95%, and 90% ranges, the median (***bolded***), and the upper limits of the 90%, 95%, and 99% ranges of the true values of *MIXP1* within that subset, respectively. True *MIXP1* within the displayed ranges of estimated *MIXP1* are colored ***blue***, while those within ±20%, ±40%, and beyond ±40% from the ranges are colored ***green***, ***orange***, and ***red***, respectively. The numbers within the brackets represent the counts of datasets within the respective subsets. Counts less than 20 are colored *grey*, while those with 100 or above are ***bolded***.

* *Pmix,1*

Each cell corresponds to a bar in the figure at the respective position. Results of subsets with at least 5 subjects are included, otherwise the “/” sign is shown. The *first* number in each cell corresponds to the deviance when compared to random assignment of subgroup (*i.e.*, assuming *Pmix,1* = 50% for all subjects), with negative values meaning better performance. Values less than or equal to ‑1 are colored *blue*, those large than ‑1 but less than 0 are colored *green*, while all non-negative values are colored *red*. The value in the *bracket* in each cell represents the number of subjects in that cell. All cell sizes over 10,000 are ***bolded***, while those below 200 are colored *grey*.

* *PPV1*, *PPV2*, *TPR1*, *TPR2*, *pCC*

Each cell corresponds to a bar in the figure at the respective position. Results of subsets with at least 5 datasets are included, otherwise the “/” sign is shown. The *three* comma-separated numbers represent the *5th* percentile, median, and *95th* percentile of the corresponding classification performance metric (*PPV*, *TPR*,or *%CC*, expressed in percentage) in the subset, where values less than 50% are colored *red*, values not less than 50% but less than 90% are colored *green*, and those greater than or equal to 90% are colored *blue*. In each subset, the number in the *round brackets* represents the number of datasets in the subset. The count is ***bolded*** if greater than or equal to 150, and colored *grey* is less than 20. The value in the *square brackets* represents the proportion of datasets (expressed in percentage) which do not have a defined value for the metric (only for *PPV* or *TPR*).

* *PPV1,pooled*, *PPV2,pooled*, *TPR1,pooled*, *TPR2,pooled*, and *%CCpooled*

Each cell corresponds to a bar in the figure at the respective position. The percentage represents the classification performance metric (pooled *PPV*, pooled *TPR*,or pooled *%CC*) in the subset, where values less than *50%* are colored *red*, values not less than *50%* but less than *75%* are colored *orange*, values not less than *75%* but less than *90%* are colored *green*, and those greater than or equal to *90%* are colored *blue*. In each subset, the number in the *round brackets* represents the number of individuals in the subset and is ***bolded*** if greater than or equal to 5,000.

15.1. Relative estimation errors of *TVCL1*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV | Estimated *MIXP1* | Estimated *DA* | | | | | |
| 0-50% | 50-85% | 85-95% | 95-99% | 99-99.9% | 99.9‑100% |
| 100+ | 80-100% | / | / | / | / | -5, -4, -3, **0**, +6, +7, +8 (12) | -3, -2, -2, **+1**, +4, +4, +7 (59) |
| 60-80% | / | / | / | -3, -3, -2, **+2**, +5, +5, +6 (17) | -5, -3, -2, **+1**, +5, +5, +6 (58) | -2, -2, -1, **+2**, +6, +7, +8 (110) |
| 40-60% | / | / | / | -4, -4, -3, **+1**, +6, +7, +7 (28) | -4, -3, -3, **+2**, +6, +7, +9 (84) | -4, -3, -2, **+2**, +6, +7, +9 (**200**) |
| 20-40% | / | / | / | -7, -6, -2, **+3**, +9, +10, +10 (42) | -4, -3, -2, **+1**, +9, +12, +13 (105) | -11, -6, -5, **+1**, +7, +9, +10 (**279**) |
| 10-20% | / | / | / | -7, -7, -7, **+2**, +8, +12, +15 (20) | -7, -6, -6, **+2**, +11, +14, +17 (69) | -12, -11, -8, **+1**, +8, +9, +15 (**204**) |
| 0-10% | / | / | / | / | -5, -5, -4, **+2**, +9, +9, +10 (9) | -10, -8, -7, **+1**, +9, +14, +21 (66) |
| 30-100 | 80-100% | / | / | / | -8, -6, -5, **+1**, +7, +7, +9 (44) | -5, -4, -4, **+1**, +8, +10, +14 (58) | -9, -6, -4, **+1**, +6, +10, +18 (100) |
| 60-80% | / | / | -5, -5, -4, **+1**, +7, +8, +8 (50) | -9, -6, -5, **+1**, +10, +11, +14 (**208**) | -11, -8, -6, **+1**, +8, +10, +11 (163) | -13, -9, -6, **+1**, +10, +11, +14 (**246**) |
| 40-60% | / | / | -9, -7, -5, **+1**, +9, +11, +15 (140) | -20, -10, -5, **+2**, +9, +10, +14 (**300**) | -10, -7, -6, **+2**, +10, +11, +17 (**250**) | -17, -9, -7, **+1**, +10, +12, +15 (**387**) |
| 20-40% | / | / | -11, -8, -7, **+3**, +14, +16, +18 (154) | -16, -11, -8, **+2**, +14, +17, +23 (**326**) | -19, -11, -8, **+2**, +13, +14, +17 (**283**) | -21, -14, -11, **+1**, +12, +16, +25 (**423**) |
| 10-20% | / | / | -20, -18, -10, **+3**, +17, +23, +28 (78) | -22, -15, -11, **+2**, +18, +21, +30 (**221**) | -34, -19, -16, **0**, +16, +24, +34 (174) | -29, -21, -16, **+1**, +14, +17, +22 (**327**) |
| 0-10% | / | / | / | -21, -20, -20, **-2**, +16, +16, +19 (47) | -37, -28, -24, **-1**, +18, +19, +20 (83) | -60, -34, -24, **-1**, +18, +20, +33 (136) |
| 15-30 | 80-100% | / | / | -4, -4, -4, **+1**, +10, +11, +12 (12) | -8, -7, -5, **+3**, +10, +12, +13 (80) | -11, -8, -6, **+1**, +12, +12, +14 (61) | -27, -14, -10, **+1**, +10, +13, +16 (64) |
| 60-80% | / | -4, -4, -3, **0**, +2, +2, +2 (5) | -14, -10, -8, **+1**, +10, +13, +16 (118) | -19, -11, -9, **+2**, +12, +18, +21 (162) | -19, -13, -11, **+3**, +16, +19, +23 (97) | -21, -14, -9, **+2**, +8, +11, +15 (79) |
| 40-60% | / | -11, -11, -9, **+1**, +9, +11, +12 (31) | -15, -13, -9, **+2**, +15, +18, +25 (**289**) | -22, -15, -12, **+2**, +17, +22, +36 (**244**) | -34, -21, -13, **+1**, +16, +17, +28 (179) | -36, -18, -15, **+1**, +15, +20, +45 (155) |
| 20-40% | / | -17, -15, -10, **+1**, +16, +19, +22 (44) | -21, -14, -12, **+2**, +17, +21, +34 (**299**) | -36, -22, -15, **+1**, +19, +26, +36 (**307**) | -38, -25, -18, **+1**, +17, +27, +33 (182) | -47, -27, -17, **0**, +19, +24, +28 (164) |
| 10-20% | / | / | -18, -15, -13, **+2**, +26, +30, +42 (168) | -44, -27, -21, **+2**, +23, +33, +48 (**221**) | -35, -28, -21, **0**, +26, +31, +38 (132) | -42, -38, -28, **-2**, +29, +33, +42 (120) |
| 0-10% | / | / | -23, -21, -19, **-2**, +24, +30, +36 (12) | -44, -40, -36, **-4**, +26, +29, +33 (75) | -61, -53, -43, **-2**, +27, +31, +46 (71) | -78, -61, -51, **-7**, +28, +30, +31 (66) |
| 6-15 | 80-100% | / | / | -9, -9, -7, **+3**, +12, +13, +18 (51) | -17, -13, -11, **+3**, +18, +24, +43 (126) | -16, -12, -10, **+3**, +21, +25, +41 (84) | -17, -14, -11, **+4**, +61, +98, +120 (28) |
| 60-80% | / | -19, -12, -11, **0**, +12, +16, +20 (96) | -18, -12, -10, **+1**, +13, +16, +32 (**329**) | -27, -22, -17, **+2**, +27, +34, +60 (**267**) | -39, -33, -24, **+2**, +19, +23, +52 (73) | -33, -27, -18, **+3**, +24, +26, +27 (39) |
| 40-60% | / | -24, -18, -12, **+1**, +15, +20, +26 (**294**) | -32, -22, -18, **0**, +19, +27, +61 (**611**) | -38, -29, -23, **+1**, +25, +34, +65 (**334**) | -47, -25, -20, **+2**, +27, +33, +58 (129) | -38, -25, -18, **-3**, +35, +39, +90 (82) |
| 20-40% | / | -34, -26, -20, **0**, +22, +26, +43 (**310**) | -41, -35, -29, **-1**, +27, +34, +55 (**600**) | -49, -40, -33, **0**, +27, +37, +92 (**410**) | -69, -58, -48, **-5**, +37, +63, +107 (106) | -50, -47, -46, **-1**, +56, +78, +95 (59) |
| 10-20% | / | -34, -26, -22, **-4**, +27, +30, +41 (74) | -54, -43, -37, **-4**, +35, +43, +54 (**374**) | -74, -55, -45, **-4**, +29, +42, +60 (**313**) | -70, -65, -53, **-5**, +36, +48, +55 (82) | -76, -54, -50, **+5**, +46, +50, +60 (38) |
| 0-10% | / | / | -54, -50, -42, **-12**, +16, +21, +56 (50) | -68, -63, -60, **-20**, +17, +26, +29 (158) | -85, -82, -79, **-35**, +24, +31, +69 (101) | -99, -98, -97, **-34**, +28, +33, +38 (57) |
| 3-6 | 80-100% | / | / | -16, -10, -10, **+4**, +23, +37, +52 (93) | -26, -14, -10, **+5**, +32, +37, +73 (118) | -16, -14, -10, **+7**, +37, +38, +54 (52) | / |
| 60-80% | / | -22, -16, -11, **+2**, +18, +25, +37 (132) | -29, -19, -16, **0**, +24, +31, +65 (**295**) | -26, -23, -19, **-1**, +18, +21, +56 (77) | -19, -17, -14, **-1**, +25, +29, +33 (14) | -35, -35, -35, **-4**, +13, +16, +18 (12) |
| 40-60% | / | -28, -22, -19, **-2**, +21, +31, +94 (**536**) | -37, -29, -23, **-2**, +34, +49, +79 (**473**) | -45, -32, -27, **0**, +39, +69, +97 (113) | -33, -31, -28, **+1**, +33, +49, +64 (24) | -39, -36, -31, **-3**, +64, +68, +71 (17) |
| 20-40% | / | -39, -31, -25, **-3**, +32, +46, +83 (**549**) | -46, -38, -34, **-3**, +41, +55, +88 (**425**) | -60, -47, -41, **-4**, +44, +59, +79 (121) | -37, -35, -33, **+2**, +64, +69, +72 (18) | -39, -36, -33, **-6**, +61, +81, +97 (12) |
| 10-20% | / | -45, -42, -39, **-6**, +25, +31, +78 (138) | -56, -49, -45, **-7**, +42, +61, +108 (**284**) | -67, -67, -63, **-14**, +39, +41, +55 (83) | -72, -68, -62, **-14**, +20, +20, +20 (17) | -66, -65, -65, **-31**, +19, +26, +31 (6) |
| 0-10% | / | / | -57, -56, -56, **-23**, +25, +27, +50 (82) | -77, -73, -68, **-37**, +24, +28, +40 (146) | -93, -86, -83, **-53**, -1, +8, +31 (74) | -98, -97, -97, **-78**, -14, -9, +4 (42) |
| 0-3 | 80-100% | / | -1, -1, 0, **+4**, +26, +31, +34 (16) | -19, -12, -8, **+6**, +39, +53, +101 (**261**) | -23, -15, -12, **+4**, +36, +47, +78 (**244**) | -14, -10, -7, **+6**, +28, +30, +32 (25) | -15, -13, -12, **+2**, +20, +23, +26 (56) |
| 60-80% | / | -38, -19, -15, **+3**, +33, +40, +58 (**500**) | -30, -22, -18, **+3**, +46, +71, +132 (196) | -34, -26, -16, **0**, +18, +22, +26 (16) | / | / |
| 40-60% | -11, -11, -11, **-1**, +18, +21, +29 (36) | -34, -25, -21, **-2**, +28, +42, +67 (**1,391**) | -41, -37, -30, **-2**, +47, +58, +67 (**222**) | -56, -47, -40, **-2**, +44, +92, +148 (33) | -18, -18, -18, **-6**, +39, +41, +43 (10) | -1, -1, -1, **+1**, +40, +42, +43 (5) |
| 20-40% | -37, -17, -17, **+1**, +30, +54, +61 (57) | -43, -37, -31, **-6**, +30, +43, +80 (**1,341**) | -55, -45, -38, **-6**, +50, +77, +133 (197) | -54, -43, -33, **-7**, +30, +34, +37 (23) | -26, -25, -22, **-10**, +10, +11, +13 (8) | -8, -8, -8, **-2**, +45, +49, +52 (5) |
| 10-20% | / | -47, -43, -38, **-11**, +28, +49, +74 (**490**) | -61, -53, -50, **-15**, +37, +49, +83 (**237**) | -55, -54, -54, **-13**, +48, +51, +53 (18) | -64, -61, -58, **-21**, +25, +30, +34 (7) | -95, -94, -94, **-48**, +51, +65, +76 (6) |
| 0-10% | / | -40, -39, -39, **-21**, +10, +16, +22 (23) | -68, -62, -56, **-28**, +15, +29, +71 (**375**) | -82, -73, -68, **-42**, +17, +35, +48 (**361**) | -91, -89, -82, **-48**, +32, +45, +53 (76) | -94, -79, -61, **-4**, +45, +60, +91 (**377**) |

15.2. Relative estimation errors of *TVCL2*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV | Estimated *MIXP1* | Estimated DA | | | | | |
| 0-50% | 50-85% | 85-95% | 95-99% | 99-99.9% | 99.9‑100% |
| 100+ | 80-100% | / | / | / | / | -8, -7, -6, **+1**, +10, +15, +15 (33) | -11, -10, -7, **+1**, +9, +12, +16 (99) |
| 60-80% | / | / | / | -8, -7, -7, **0**, +7, +8, +9 (21) | -6, -5, -4, **0**, +5, +9, +10 (56) | -5, -4, -3, **+1**, +6, +7, +9 (104) |
| 40-60% | / | / | / | -2, -2, -2, **+1**, +4, +6, +8 (20) | -7, -6, -4, **+1**, +5, +5, +6 (65) | -6, -5, -4, **+1**, +6, +7, +9 (166) |
| 20-40% | / | / | / | -5, -5, -3, **0**, +6, +8, +10 (34) | -4, -3, -3, **+1**, +6, +7, +9 (86) | -5, -4, -3, **+1**, +5, +6, +7 (**224**) |
| 10-20% | / | / | / | -3, -3, -2, **0**, +6, +8, +10 (24) | -4, -3, -2, **+2**, +7, +8, +11 (63) | -5, -3, -2, **+1**, +5, +6, +9 (195) |
| 0-10% | / | / | / | / | -3, -2, -2, **+1**, +5, +6, +8 (34) | -3, -2, -1, **+1**, +4, +6, +7 (130) |
| 30-100 | 80-100% | / | / | -16, -16, -16, **+5**, +16, +16, +16 (17) | -17, -13, -12, **0**, +20, +24, +34 (120) | -15, -12, -9, **+2**, +18, +23, +29 (110) | -15, -11, -10, **+2**, +18, +24, +44 (194) |
| 60-80% | / | / | -12, -10, -8, **+3**, +13, +14, +15 (71) | -14, -9, -8, **+1**, +12, +15, +20 (189) | -14, -10, -8, **+1**, +13, +17, +19 (164) | -12, -10, -9, **+2**, +13, +16, +25 (**236**) |
| 40-60% | / | / | -13, -10, -8, **+1**, +11, +13, +16 (104) | -21, -10, -7, **0**, +10, +13, +14 (**243**) | -14, -7, -6, **+1**, +8, +9, +12 (197) | -15, -10, -8, **+1**, +11, +14, +20 (**303**) |
| 20-40% | / | / | -9, -7, -7, **+2**, +11, +14, +20 (114) | -12, -9, -7, **+1**, +9, +13, +17 (**250**) | -11, -8, -7, **+1**, +11, +14, +19 (**228**) | -10, -8, -7, **+1**, +9, +12, +19 (**327**) |
| 10-20% | / | / | -10, -7, -5, **+2**, +9, +12, +16 (106) | -9, -7, -6, **+1**, +10, +12, +17 (**223**) | -10, -7, -5, **+1**, +7, +9, +12 (153) | -11, -7, -5, **+1**, +8, +11, +16 (**304**) |
| 0-10% | / | / | -4, -3, -3, **+1**, +3, +3, +3 (12) | -9, -6, -4, **+1**, +7, +11, +14 (121) | -10, -6, -3, **+1**, +10, +13, +13 (159) | -10, -6, -5, **+1**, +7, +9, +12 (**255**) |
| 15-30 | 80-100% | / | / | -19, -17, -16, **+4**, +32, +33, +46 (43) | -24, -19, -14, **+4**, +47, +70, +135 (134) | -28, -17, -14, **+4**, +42, +55, +88 (96) | -26, -19, -17, **+4**, +45, +60, +81 (88) |
| 60-80% | / | -10, -9, -9, **+4**, +21, +22, +24 (12) | -19, -15, -13, **+2**, +18, +22, +41 (149) | -25, -20, -15, **+2**, +20, +24, +34 (152) | -19, -14, -11, **+3**, +26, +29, +41 (97) | -38, -21, -13, **+1**, +21, +31, +36 (77) |
| 40-60% | / | -10, -9, -9, **+2**, +9, +10, +12 (24) | -16, -13, -10, **+2**, +18, +21, +40 (**227**) | -19, -13, -10, **+2**, +20, +28, +41 (**200**) | -28, -21, -14, **+2**, +16, +20, +30 (144) | -25, -15, -11, **+2**, +22, +31, +49 (133) |
| 20-40% | / | -11, -9, -7, **0**, +13, +14, +15 (35) | -16, -10, -7, **+2**, +16, +19, +26 (**245**) | -15, -10, -8, **+2**, +19, +27, +36 (**253**) | -19, -10, -9, **+1**, +19, +30, +36 (139) | -16, -10, -8, **+2**, +14, +20, +26 (121) |
| 10-20% | / | -15, -13, -11, **-1**, +8, +9, +10 (10) | -11, -7, -6, **+1**, +12, +16, +18 (176) | -15, -11, -8, **+2**, +15, +18, +28 (**210**) | -14, -8, -7, **+2**, +17, +24, +35 (129) | -11, -10, -9, **+3**, +18, +21, +35 (120) |
| 0-10% | / | / | -10, -10, -5, **+2**, +9, +12, +14 (58) | -12, -8, -7, **+1**, +9, +11, +20 (140) | -15, -12, -8, **+1**, +11, +13, +19 (117) | -13, -10, -8, **+2**, +13, +15, +23 (109) |
| 6-15 | 80-100% | / | -14, -13, -11, **+18**, +43, +46, +49 (11) | -26, -21, -17, **+6**, +53, +70, +102 (152) | -27, -24, -18, **+14**, +92, +113, +140 (**243**) | -35, -28, -23, **+10**, +164, +203, +221 (114) | -24, -22, -14, **+9**, +200, +275, +811 (45) |
| 60-80% | / | -28, -21, -13, **+4**, +35, +49, +57 (137) | -34, -22, -17, **+2**, +43, +63, +79 (**346**) | -33, -25, -21, **+7**, +63, +75, +140 (**210**) | -35, -26, -19, **+5**, +36, +46, +56 (61) | -37, -30, -18, **+3**, +37, +62, +81 (40) |
| 40-60% | / | -20, -13, -10, **+3**, +24, +36, +45 (**242**) | -32, -20, -16, **+3**, +34, +42, +66 (**493**) | -33, -24, -19, **+3**, +50, +67, +87 (**274**) | -33, -23, -19, **+5**, +51, +62, +93 (111) | -23, -20, -18, **+5**, +39, +55, +96 (64) |
| 20-40% | / | -19, -14, -9, **+2**, +19, +22, +30 (**252**) | -27, -16, -13, **+3**, +24, +30, +48 (**477**) | -30, -19, -16, **+3**, +30, +41, +64 (**327**) | -40, -35, -31, **+2**, +31, +34, +50 (83) | -19, -17, -14, **+1**, +51, +67, +82 (49) |
| 10-20% | / | -23, -14, -11, **+2**, +15, +21, +27 (127) | -28, -20, -15, **+2**, +22, +29, +38 (**413**) | -30, -17, -15, **+2**, +24, +28, +41 (**284**) | -33, -28, -20, **-1**, +19, +21, +38 (65) | -17, -15, -13, **+6**, +28, +29, +29 (31) |
| 0-10% | / | -5, -5, -5, **-3**, +10, +10, +11 (5) | -15, -12, -9, **+1**, +10, +12, +16 (134) | -38, -26, -16, **+1**, +14, +16, +20 (**270**) | -32, -21, -15, **-1**, +15, +25, +41 (141) | -47, -34, -22, **+2**, +30, +38, +57 (74) |
| 3-6 | 80-100% | / | -17, -16, -13, **+13**, +63, +72, +79 (20) | -43, -24, -13, **+18**, +95, +106, +124 (194) | -33, -17, -11, **+44**, +160, +172, +184 (147) | -34, -18, +1, **+116**, +232, +251, +269 (56) | -36, -32, -26, **+23**, +112, +115, +117 (7) |
| 60-80% | / | -36, -25, -22, **+9**, +47, +53, +67 (**201**) | -39, -29, -23, **+9**, +61, +80, +95 (**285**) | -46, -40, -32, **+3**, +72, +89, +152 (75) | -41, -37, -31, **+5**, +50, +65, +77 (16) | -63, -63, -63, **+11**, +18, +20, +21 (11) |
| 40-60% | / | -35, -21, -17, **+5**, +40, +49, +55 (**447**) | -37, -24, -19, **+7**, +52, +69, +93 (**382**) | -50, -43, -37, **+4**, +54, +76, +89 (86) | -46, -45, -44, **+1**, +39, +48, +55 (18) | -38, -31, -23, **+21**, +40, +43, +45 (13) |
| 20-40% | / | -24, -17, -12, **+6**, +28, +36, +42 (**437**) | -37, -28, -22, **+5**, +37, +44, +53 (**342**) | -49, -37, -35, **+8**, +40, +46, +63 (97) | -18, -17, -16, **+4**, +49, +60, +68 (11) | -47, -41, -35, **+8**, +19, +20, +21 (9) |
| 10-20% | / | -32, -23, -12, **+3**, +20, +21, +25 (**228**) | -31, -25, -17, **+2**, +24, +33, +53 (**265**) | -48, -31, -15, **+2**, +29, +33, +51 (63) | -27, -23, -18, **-4**, +11, +12, +12 (16) | -7, -7, -7, **-2**, +14, +16, +18 (7) |
| 0-10% | / | -11, -8, -5, **+1**, +17, +18, +19 (22) | -34, -27, -17, **0**, +15, +21, +33 (184) | -44, -28, -24, **-2**, +16, +20, +45 (190) | -41, -32, -27, **-4**, +12, +14, +25 (82) | -35, -33, -29, **-5**, +15, +17, +21 (44) |
| 0-3 | 80-100% | / | -37, -20, -13, **+18**, +60, +67, +82 (120) | -36, -23, -18, **+31**, +110, +125, +176 (**356**) | -32, -21, -10, **+57**, +189, +213, +279 (**251**) | -20, -19, -17, **+73**, +220, +310, +401 (25) | -72, -71, -64, **-16**, +25, +163, +646 (56) |
| 60-80% | / | -44, -35, -25, **+13**, +56, +67, +77 (**638**) | -37, -30, -27, **+15**, +76, +86, +124 (133) | -29, -23, -15, **+14**, +66, +82, +95 (12) | / | / |
| 40-60% | -52, -27, -20, **+6**, +26, +27, +29 (34) | -44, -29, -24, **+6**, +39, +47, +75 (**1,149**) | -48, -34, -31, **+10**, +52, +61, +89 (190) | -39, -33, -28, **+11**, +59, +79, +80 (30) | -35, -32, -29, **+6**, +25, +25, +25 (10) | -7, -5, -2, **+35**, +43, +43, +43 (5) |
| 20-40% | -40, -29, -29, **-3**, +23, +28, +31 (53) | -41, -28, -22, **+5**, +29, +35, +52 (**1,110**) | -48, -37, -33, **+4**, +35, +41, +102 (144) | -62, -47, -28, **+8**, +46, +49, +52 (21) | -40, -36, -31, **+2**, +14, +14, +14 (8) | -1, -1, -1, **+1**, +20, +22, +23 (5) |
| 10-20% | / | -39, -29, -25, **+1**, +18, +23, +31 (**602**) | -43, -35, -27, **+3**, +33, +48, +80 (173) | -10, -9, -8, **+1**, +11, +12, +13 (7) | / | / |
| 0-10% | / | -41, -33, -27, **-2**, +10, +13, +18 (142) | -59, -36, -28, **-4**, +13, +19, +29 (**492**) | -59, -40, -34, **-4**, +11, +14, +43 (**374**) | -50, -40, -36, **-7**, +12, +14, +41 (80) | -48, -35, -29, **-5**, +15, +21, +26 (**383**) |

15.3. Relative estimation errors of *CVCL*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV | Estimated *MIXP1* | Estimated *DA* | | | | | |
| 0-50% | 50-85% | 85-95% | 95-99% | 99-99.9% | 99.9‑100% |
| 100+ | 90-100% | / | / | / | / | -6, -6, -6, **-1**, +7, +7, +7 (12) | -46, -31, -19, **-5**, +7, +11, +15 (59) |
| 70-90% | / | / | / | -15, -15, -14, **-2**, +4, +5, +6 (25) | -15, -14, -12, **-1**, +8, +9, +11 (77) | -39, -24, -22, **-4**, +10, +13, +20 (144) |
| 50-70% | / | / | / | -11, -10, -10, **+1**, +6, +10, +13 (20) | -15, -14, -12, **-3**, +7, +9, +11 (65) | -44, -25, -21, **-3**, +10, +13, +16 (**166**) |
| 30-50% | / | / | / | -14, -14, -14, **-3**, +7, +8, +12 (34) | -16, -14, -11, **-1**, +11, +12, +15 (86) | -27, -23, -21, **-4**, +8, +10, +16 (**224**) |
| 10-30% | / | / | / | -11, -10, -9, **-1**, +6, +6, +7 (28) | -15, -14, -11, **-2**, +7, +10, +12 (88) | -34, -23, -19, **-4**, +9, +12, +16 (**259**) |
| 0-10% | / | / | / | / | -4, -4, -4, **+1**, +4, +5, +5 (9) | -23, -20, -16, **-3**, +12, +13, +15 (66) |
| 30-100 | 90-100% | / | / | / | -16, -15, -14, **-5**, +7, +9, +11 (44) | -19, -16, -14, **-2**, +11, +15, +19 (58) | -72, -57, -48, **-10**, +9, +14, +22 (100) |
| 70-90% | / | / | -23, -19, -15, **-3**, +7, +9, +11 (86) | -23, -20, -15, **-4**, +8, +10, +14 (**265**) | -36, -29, -25, **-6**, +8, +12, +20 (**216**) | -78, -63, -45, **-13**, +10, +13, +26 (**330**) |
| 50-70% | / | / | -21, -18, -16, **-4**, +5, +7, +9 (104) | -28, -21, -20, **-5**, +10, +14, +19 (**243**) | -38, -29, -23, **-5**, +8, +12, +17 (**197**) | -72, -59, -49, **-15**, +11, +17, +22 (**303**) |
| 30-50% | / | / | -24, -19, -18, **-4**, +8, +12, +15 (114) | -23, -19, -17, **-3**, +9, +12, +15 (**250**) | -39, -29, -25, **-5**, +16, +19, +29 (**228**) | -66, -51, -41, **-13**, +10, +13, +24 (**327**) |
| 10-30% | / | / | -23, -18, -16, **-3**, +7, +8, +10 (118) | -29, -21, -18, **-4**, +10, +12, +21 (**297**) | -27, -26, -22, **-4**, +10, +13, +32 (**229**) | -59, -43, -37, **-10**, +13, +17, +24 (**423**) |
| 0-10% | / | / | / | -20, -16, -10, **-1**, +8, +9, +13 (47) | -28, -21, -18, **-1**, +11, +12, +19 (83) | -47, -36, -30, **-6**, +7, +15, +19 (136) |
| 15-30 | 90-100% | / | / | -11, -11, -11, **-5**, +4, +6, +6 (12) | -23, -17, -14, **-3**, +7, +11, +22 (80) | -35, -32, -28, **-5**, +12, +21, +32 (61) | -70, -59, -49, **-15**, +9, +15, +31 (64) |
| 70-90% | / | -21, -20, -18, **-7**, -2, -2, -2 (12) | -28, -23, -21, **-7**, +8, +10, +14 (**180**) | -49, -42, -32, **-8**, +14, +18, +22 (**206**) | -50, -47, -35, **-11**, +10, +16, +24 (132) | -80, -66, -62, **-19**, +8, +14, +24 (101) |
| 50-70% | / | -20, -20, -19, **-7**, +7, +11, +16 (24) | -44, -29, -22, **-8**, +7, +10, +20 (**227**) | -47, -35, -32, **-9**, +12, +15, +16 (**200**) | -65, -53, -48, **-15**, +17, +20, +24 (144) | -90, -83, -74, **-26**, +6, +19, +33 (133) |
| 30-50% | / | -15, -15, -13, **-5**, +6, +6, +7 (35) | -31, -25, -23, **-6**, +9, +12, +20 (**245**) | -49, -40, -33, **-9**, +11, +14, +28 (**253**) | -57, -48, -41, **-15**, +13, +17, +32 (139) | -94, -77, -61, **-21**, +16, +24, +33 (121) |
| 10-30% | / | -25, -23, -21, **-4**, +7, +7, +8 (10) | -31, -23, -19, **-6**, +9, +10, +15 (**222**) | -38, -30, -24, **-6**, +10, +15, +20 (**275**) | -48, -35, -31, **-9**, +21, +26, +35 (**175**) | -86, -68, -52, **-21**, +11, +15, +35 (**163**) |
| 0-10% | / | / | -12, -11, -10, **-2**, +6, +8, +9 (12) | -23, -22, -17, **0**, +10, +11, +15 (75) | -26, -24, -22, **-1**, +13, +16, +25 (71) | -78, -56, -47, **-13**, +16, +18, +31 (66) |
| 6-15 | 90-100% | / | / | -39, -31, -27, **-5**, +13, +19, +36 (51) | -46, -34, -32, **-7**, +18, +22, +37 (126) | -45, -37, -37, **-8**, +18, +23, +38 (84) | -67, -59, -55, **-32**, +19, +22, +24 (28) |
| 70-90% | / | -33, -32, -29, **-9**, +8, +11, +16 (148) | -49, -42, -37, **-12**, +11, +16, +20 (**447**) | -65, -57, -51, **-18**, +16, +19, +32 (**327**) | -66, -60, -57, **-23**, +14, +24, +28 (91) | -90, -90, -89, **-49**, +5, +8, +11 (57) |
| 50-70% | / | -43, -39, -34, **-9**, +8, +13, +14 (**242**) | -56, -51, -47, **-14**, +11, +18, +24 (**493**) | -69, -62, -57, **-23**, +15, +23, +39 (**274**) | -74, -68, -66, **-35**, +9, +20, +49 (111) | -96, -93, -89, **-49**, +7, +17, +20 (64) |
| 30-50% | / | -40, -35, -34, **-8**, +11, +16, +24 (**252**) | -58, -50, -47, **-15**, +11, +16, +33 (**477**) | -66, -59, -55, **-22**, +15, +20, +33 (**327**) | -76, -72, -67, **-32**, +1, +5, +35 (83) | -95, -86, -84, **-46**, -10, +8, +18 (49) |
| 10-30% | / | -40, -30, -24, **-6**, +14, +17, +31 (132) | -50, -42, -38, **-12**, +12, +16, +26 (**497**) | -62, -53, -47, **-13**, +13, +19, +26 (**396**) | -67, -62, -54, **-18**, +18, +24, +39 (105) | -87, -79, -73, **-35**, +15, +27, +29 (48) |
| 0-10% | / | / | -18, -17, -13, **-1**, +21, +23, +26 (50) | -46, -30, -27, **-7**, +15, +17, +25 (**158**) | -36, -34, -30, **-7**, +20, +28, +38 (101) | -62, -42, -36, **-10**, +31, +37, +61 (57) |
| 3-6 | 90-100% | / | / | -30, -29, -26, **-5**, +15, +25, +32 (93) | -49, -44, -39, **-6**, +20, +23, +34 (118) | -50, -43, -37, **-14**, +20, +22, +28 (52) | / |
| 70-90% | / | -48, -39, -34, **-13**, +12, +16, +19 (**221**) | -52, -50, -47, **-19**, +8, +13, +23 (**386**) | -67, -63, -59, **-30**, +7, +13, +25 (104) | -76, -75, -75, **-48**, -14, +18, +44 (20) | -84, -83, -82, **-71**, -26, -22, -20 (16) |
| 50-70% | / | -50, -42, -40, **-17**, +10, +16, +23 (**447**) | -61, -58, -55, **-27**, +7, +14, +24 (**382**) | -71, -70, -62, **-34**, +11, +17, +32 (86) | -72, -72, -72, **-56**, -12, 0, +10 (18) | -96, -94, -92, **-74**, -24, -23, -22 (13) |
| 30-50% | / | -48, -43, -40, **-16**, +10, +15, +20 (**437**) | -65, -58, -54, **-26**, +6, +13, +31 (**342**) | -69, -68, -66, **-42**, +17, +32, +49 (97) | -73, -70, -66, **-37**, +2, +8, +13 (11) | -86, -85, -84, **-77**, -66, -65, -64 (9) |
| 10-30% | / | -38, -35, -31, **-11**, +12, +18, +24 (**250**) | -54, -47, -41, **-15**, +14, +20, +30 (**367**) | -61, -57, -55, **-20**, +17, +25, +30 (107) | -66, -65, -64, **-35**, +16, +19, +23 (24) | -87, -86, -84, **-60**, -12, -11, -11 (9) |
| 0-10% | / | / | -31, -24, -23, **-7**, +16, +19, +27 (82) | -44, -37, -32, **-7**, +15, +18, +27 (146) | -43, -37, -35, **-4**, +28, +32, +58 (74) | -63, -51, -37, **-1**, +26, +32, +37 (42) |
| 0-3 | 90-100% | / | -27, -27, -26, **-2**, +16, +16, +17 (16) | -42, -31, -28, **-4**, +31, +41, +63 (**261**) | -41, -36, -32, **-6**, +21, +31, +40 (**244**) | -57, -47, -37, **0**, +23, +29, +33 (25) | -48, -21, -18, **+2**, +49, +53, +60 (56) |
| 70-90% | / | -48, -41, -37, **-13**, +18, +25, +43 (**742**) | -61, -53, -51, **-19**, +16, +17, +35 (**228**) | -60, -60, -59, **-37**, -6, -2, 0 (19) | / | / |
| 50-70% | -28, -27, -24, **-9**, +21, +24, +25 (34) | -55, -47, -42, **-18**, +13, +21, +36 (**1,149**) | -64, -63, -60, **-36**, +11, +18, +28 (**190**) | -73, -72, -71, **-58**, -27, -4, +41 (30) | -76, -75, -74, **-66**, -26, -18, -13 (10) | -80, -79, -78, **-54**, -28, -26, -24 (5) |
| 30-50% | -23, -22, -20, **-4**, +29, +33, +68 (53) | -54, -45, -41, **-18**, +14, +23, +33 (**1,110**) | -64, -57, -54, **-33**, +2, +9, +26 (144) | -69, -68, -67, **-37**, -7, +15, +33 (21) | -84, -83, -82, **-60**, -32, -29, -28 (8) | -91, -91, -91, **-76**, -58, -57, -57 (5) |
| 10-30% | / | -44, -38, -33, **-10**, +19, +26, +43 (**721**) | -56, -50, -47, **-19**, +19, +31, +46 (**290**) | -55, -54, -52, **-12**, +20, +33, +44 (20) | -77, -75, -72, **-39**, -23, -22, -22 (7) | -88, -86, -84, **-49**, +27, +33, +39 (6) |
| 0-10% | / | -25, -22, -19, **-2**, +15, +15, +16 (23) | -37, -29, -23, **-3**, +32, +37, +53 (**375**) | -48, -34, -28, **-1**, +32, +41, +56 (**361**) | -48, -38, -34, **+1**, +40, +42, +45 (76) | -50, -26, -20, **+6**, +48, +59, +91 (**377**) |

15.4. True values of *MIXP1* against estimated *MIXP1*

| dOFV/N | Estimated *MIXP1* | *N* | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 20-35 | 35-50 | 50-75 | 75-100 | 100-200 | 200-300 |
| 0.6+ | 90-100% | 76, 77, 81, **89**, 94, 94, 94 (33) | 82, 82, 82, **90**, 95, 95, 95 (29) | 84, 84, 85, **91**, 94, 94, 95 (31) | 84, 85, 86, **93**, 95, 95, 95 (31) | 87, 87, 87, **91**, 95, 95, 95 (25) | 89, 89, 90, **93**, 94, 94, 95 (25) |
| 80-90% | 57, 62, 66, **82**, 92, 93, 94 (59) | 68, 70, 71, **84**, 92, 93, 94 (72) | 71, 73, 75, **85**, 92, 93, 94 (75) | 77, 77, 78, **85**, 92, 93, 94 (57) | 73, 75, 76, **84**, 91, 91, 91 (46) | 77, 78, 78, **84**, 90, 91, 91 (45) |
| 70-80% | 52, 55, 58, **74**, 87, 90, 92 (62) | 58, 60, 62, **74**, 82, 82, 86 (67) | 59, 61, 62, **74**, 84, 86, 87 (56) | 54, 62, 65, **74**, 85, 86, 87 (48) | 64, 66, 68, **73**, 82, 83, 86 (37) | 66, 68, 69, **76**, 81, 82, 83 (49) |
| 60-70% | 40, 44, 47, **66**, 78, 80, 84 (81) | 50, 50, 51, **65**, 75, 80, 84 (55) | 51, 53, 54, **65**, 74, 77, 80 (68) | 48, 48, 51, **64**, 72, 74, 77 (53) | 51, 52, 54, **64**, 74, 75, 75 (43) | 53, 57, 58, **65**, 73, 74, 75 (51) |
| 50-60% | 34, 34, 39, **56**, 68, 72, 74 (76) | 38, 41, 43, **54**, 68, 69, 71 (74) | 37, 40, 43, **55**, 66, 69, 73 (55) | 36, 39, 41, **54**, 67, 67, 68 (49) | 43, 45, 46, **53**, 64, 66, 67 (51) | 47, 48, 49, **57**, 61, 62, 63 (36) |
| 40-50% | 27, 31, 34, **47**, 64, 68, 75 (67) | 26, 29, 33, **44**, 61, 63, 65 (64) | 34, 34, 36, **46**, 58, 58, 61 (57) | 32, 34, 35, **45**, 51, 54, 56 (61) | 38, 40, 40, **47**, 54, 56, 59 (58) | 35, 36, 37, **44**, 50, 50, 50 (56) |
| 30-40% | 18, 19, 21, **36**, 52, 55, 59 (70) | 20, 23, 23, **35**, 49, 51, 51 (68) | 23, 24, 25, **34**, 48, 50, 51 (69) | 21, 25, 27, **34**, 43, 47, 50 (65) | 28, 29, 29, **35**, 44, 45, 46 (46) | 26, 27, 29, **35**, 42, 44, 44 (81) |
| 20-30% | 11, 12, 14, **26**, 42, 43, 49 (84) | 10, 14, 14, **23**, 38, 40, 42 (**101**) | 12, 15, 17, **25**, 37, 38, 39 (64) | 15, 16, 17, **26**, 33, 34, 36 (71) | 16, 18, 19, **25**, 32, 34, 35 (70) | 17, 18, 19, **25**, 32, 32, 32 (56) |
| 10-20% | 6, 9, 9, **17**, 28, 30, 30 (74) | 5, 6, 8, **16**, 26, 29, 30 (71) | 7, 8, 9, **17**, 29, 31, 34 (68) | 6, 7, 8, **15**, 25, 27, 27 (69) | 8, 9, 10, **16**, 23, 24, 27 (78) | 9, 9, 10, **16**, 21, 22, 25 (72) |
| 0-10% | 6, 6, 6, **11**, 25, 25, 26 (29) | 5, 5, 5, **8**, 17, 18, 18 (36) | 5, 5, 5, **8**, 14, 14, 15 (32) | 6, 6, 6, **8**, 15, 16, 16 (28) | 5, 5, 5, **8**, 12, 13, 14 (32) | 5, 5, 5, **9**, 12, 12, 13 (35) |
| 0.3-0.6 | 90-100% | 65, 69, 71, **87**, 94, 95, 95 (39) | 81, 82, 83, **90**, 94, 94, 95 (40) | 84, 84, 85, **90**, 95, 95, 95 (33) | 81, 84, 85, **92**, 95, 95, 95 (36) | 86, 87, 88, **92**, 95, 95, 95 (36) | 88, 88, 88, **92**, 94, 95, 95 (27) |
| 80-90% | 39, 51, 65, **82**, 93, 94, 95 (78) | 63, 67, 69, **83**, 93, 93, 94 (79) | 70, 71, 73, **83**, 89, 92, 92 (73) | 75, 76, 76, **83**, 90, 91, 92 (60) | 75, 76, 76, **84**, 91, 92, 92 (53) | 76, 77, 79, **85**, 90, 91, 91 (54) |
| 70-80% | 40, 47, 50, **71**, 87, 88, 91 (68) | 51, 53, 54, **73**, 85, 86, 89 (66) | 62, 66, 66, **74**, 87, 87, 87 (46) | 62, 64, 65, **74**, 83, 84, 87 (76) | 61, 63, 66, **75**, 82, 83, 86 (69) | 67, 67, 68, **75**, 81, 82, 82 (61) |
| 60-70% | 22, 41, 48, **62**, 80, 85, 94 (75) | 50, 50, 51, **63**, 75, 76, 85 (64) | 50, 51, 52, **66**, 73, 77, 78 (59) | 52, 53, 53, **65**, 75, 76, 80 (56) | 51, 55, 58, **65**, 73, 74, 74 (46) | 57, 58, 60, **64**, 72, 72, 72 (47) |
| 50-60% | 13, 27, 28, **53**, 70, 73, 81 (92) | 29, 32, 33, **53**, 68, 70, 84 (76) | 34, 35, 39, **54**, 67, 67, 68 (78) | 42, 45, 46, **54**, 64, 65, 67 (61) | 44, 46, 47, **56**, 63, 64, 65 (58) | 47, 47, 47, **56**, 63, 64, 65 (45) |
| 40-50% | 13, 21, 25, **44**, 68, 74, 82 (80) | 25, 28, 30, **43**, 60, 68, 75 (79) | 28, 29, 31, **45**, 56, 57, 59 (75) | 27, 31, 33, **44**, 55, 59, 61 (56) | 34, 36, 36, **45**, 54, 56, 57 (63) | 38, 38, 39, **46**, 53, 53, 54 (60) |
| 30-40% | 10, 12, 17, **34**, 56, 59, 67 (97) | 18, 20, 21, **34**, 48, 50, 58 (94) | 20, 23, 23, **36**, 48, 49, 49 (76) | 20, 21, 23, **33**, 45, 47, 50 (69) | 24, 24, 27, **36**, 44, 47, 52 (72) | 27, 28, 28, **35**, 42, 42, 45 (75) |
| 20-30% | 9, 9, 12, **26**, 51, 51, 67 (79) | 10, 12, 15, **25**, 43, 47, 78 (73) | 14, 14, 15, **25**, 37, 39, 43 (86) | 14, 16, 18, **25**, 34, 36, 37 (75) | 14, 15, 17, **24**, 33, 36, 38 (68) | 18, 19, 19, **25**, 31, 33, 36 (73) |
| 10-20% | 5, 6, 7, **19**, 41, 49, 53 (95) | 5, 5, 8, **14**, 28, 34, 36 (76) | 6, 7, 8, **15**, 25, 28, 32 (71) | 6, 7, 8, **14**, 24, 27, 29 (83) | 7, 8, 9, **16**, 24, 25, 26 (73) | 7, 9, 9, **15**, 22, 24, 26 (79) |
| 0-10% | 6, 6, 7, **9**, 23, 24, 26 (39) | 5, 6, 6, **11**, 20, 21, 27 (46) | 5, 5, 5, **8**, 14, 16, 18 (38) | 5, 5, 6, **8**, 14, 15, 15 (40) | 6, 6, 6, **9**, 12, 13, 13 (31) | 5, 5, 5, **8**, 12, 13, 13 (30) |
| 0.15-0.3 | 90-100% | 30, 38, 51, **86**, 94, 94, 95 (53) | 28, 58, 65, **87**, 94, 94, 95 (50) | 79, 79, 80, **91**, 94, 94, 95 (42) | 69, 77, 81, **91**, 94, 94, 94 (43) | 82, 84, 86, **92**, 94, 95, 95 (37) | 87, 87, 88, **92**, 95, 95, 95 (24) |
| 80-90% | 42, 48, 53, **80**, 90, 93, 93 (79) | 43, 56, 69, **83**, 93, 94, 94 (85) | 60, 70, 73, **82**, 92, 92, 92 (52) | 66, 69, 73, **86**, 92, 93, 95 (68) | 75, 76, 76, **86**, 93, 94, 94 (63) | 75, 76, 78, **86**, 91, 92, 93 (66) |
| 70-80% | 22, 33, 38, **69**, 90, 92, 93 (92) | 29, 37, 52, **74**, 88, 89, 90 (77) | 30, 44, 59, **75**, 87, 89, 92 (77) | 58, 60, 62, **74**, 84, 86, 90 (78) | 64, 65, 67, **73**, 81, 81, 82 (48) | 65, 67, 68, **74**, 82, 83, 86 (55) |
| 60-70% | 17, 23, 40, **63**, 81, 89, 91 (98) | 31, 39, 45, **64**, 85, 89, 92 (71) | 26, 44, 47, **64**, 77, 79, 84 (73) | 50, 52, 54, **63**, 73, 75, 77 (74) | 48, 50, 53, **63**, 74, 75, 78 (60) | 54, 56, 57, **65**, 72, 72, 73 (60) |
| 50-60% | 7, 16, 23, **53**, 78, 83, 91 (92) | 19, 28, 29, **53**, 71, 81, 92 (90) | 21, 34, 37, **54**, 71, 75, 88 (89) | 32, 39, 42, **54**, 64, 68, 68 (73) | 43, 44, 45, **55**, 63, 64, 66 (75) | 44, 46, 47, **54**, 62, 64, 69 (73) |
| 40-50% | 6, 12, 14, **39**, 82, 87, 91 (88) | 14, 22, 24, **42**, 58, 74, 82 (84) | 16, 27, 28, **43**, 59, 64, 66 (73) | 26, 30, 33, **43**, 57, 62, 71 (72) | 28, 29, 34, **44**, 54, 55, 56 (80) | 34, 36, 36, **44**, 50, 50, 53 (56) |
| 30-40% | 6, 11, 13, **35**, 69, 82, 90 (93) | 9, 14, 18, **35**, 57, 68, 85 (96) | 8, 11, 18, **36**, 58, 65, 74 (89) | 22, 23, 25, **35**, 50, 51, 54 (74) | 23, 24, 25, **35**, 43, 43, 43 (71) | 23, 24, 26, **35**, 43, 44, 46 (68) |
| 20-30% | 6, 7, 8, **27**, 53, 59, 67 (99) | 7, 10, 14, **27**, 48, 52, 56 (**105**) | 9, 12, 14, **25**, 45, 66, 84 (94) | 10, 12, 14, **24**, 38, 41, 65 (80) | 13, 16, 17, **23**, 34, 37, 39 (73) | 13, 16, 17, **25**, 32, 33, 35 (77) |
| 10-20% | 6, 6, 7, **19**, 53, 57, 73 (74) | 5, 5, 6, **17**, 36, 40, 67 (96) | 6, 6, 7, **16**, 34, 39, 65 (77) | 7, 8, 10, **17**, 26, 27, 31 (83) | 6, 9, 9, **15**, 25, 26, 33 (74) | 8, 8, 9, **15**, 21, 22, 22 (82) |
| 0-10% | 5, 5, 6, **15**, 70, 77, 87 (61) | 5, 5, 5, **11**, 49, 59, 85 (62) | 5, 6, 6, **10**, 25, 70, 90 (43) | 6, 6, 6, **10**, 21, 24, 25 (45) | 5, 5, 5, **8**, 15, 16, 17 (50) | 5, 5, 5, **8**, 12, 13, 13 (36) |
| 0.06-0.15 | 90-100% | 12, 15, 17, **75**, 92, 93, 94 (61) | 14, 18, 26, **79**, 94, 94, 95 (65) | 19, 35, 56, **89**, 94, 95, 95 (80) | 21, 39, 61, **88**, 95, 95, 95 (49) | 66, 71, 77, **92**, 94, 95, 95 (49) | 55, 83, 84, **92**, 94, 95, 95 (41) |
| 80-90% | 13, 28, 30, **77**, 93, 94, 94 (77) | 17, 26, 38, **82**, 93, 94, 94 (68) | 28, 40, 56, **82**, 94, 94, 95 (89) | 55, 62, 66, **82**, 93, 94, 95 (80) | 58, 69, 73, **85**, 93, 94, 94 (83) | 74, 75, 76, **85**, 90, 92, 93 (55) |
| 70-80% | 26, 34, 37, **72**, 91, 93, 95 (86) | 10, 11, 21, **72**, 91, 93, 94 (**117**) | 10, 18, 22, **70**, 91, 92, 95 (**105**) | 23, 42, 54, **73**, 86, 90, 92 (92) | 57, 60, 63, **74**, 86, 87, 89 (71) | 60, 63, 65, **74**, 82, 84, 85 (72) |
| 60-70% | 9, 20, 31, **62**, 92, 93, 94 (96) | 19, 24, 27, **64**, 87, 89, 91 (**127**) | 20, 27, 38, **62**, 87, 89, 92 (**121**) | 35, 39, 44, **65**, 84, 89, 92 (**106**) | 27, 48, 52, **63**, 73, 77, 80 (**100**) | 51, 53, 54, **64**, 73, 74, 78 (69) |
| 50-60% | 9, 15, 20, **50**, 85, 85, 87 (**111**) | 8, 12, 26, **52**, 80, 85, 91 (**136**) | 10, 19, 28, **54**, 84, 87, 93 (**110**) | 19, 32, 34, **54**, 79, 82, 89 (**120**) | 14, 25, 37, **53**, 75, 85, 87 (83) | 18, 40, 43, **54**, 63, 65, 67 (61) |
| 40-50% | 8, 13, 17, **49**, 85, 89, 94 (**105**) | 6, 8, 12, **43**, 80, 87, 87 (**130**) | 8, 15, 19, **43**, 62, 66, 76 (**108**) | 12, 20, 24, **45**, 66, 68, 83 (88) | 13, 19, 27, **45**, 59, 64, 88 (89) | 36, 36, 37, **45**, 54, 56, 57 (75) |
| 30-40% | 8, 11, 12, **40**, 82, 91, 93 (**107**) | 8, 13, 15, **37**, 68, 75, 84 (**124**) | 6, 9, 11, **31**, 60, 67, 74 (**129**) | 9, 11, 13, **34**, 56, 64, 76 (**124**) | 22, 23, 24, **32**, 46, 47, 49 (76) | 22, 23, 25, **36**, 43, 46, 48 (72) |
| 20-30% | 6, 9, 13, **38**, 77, 81, 88 (**111**) | 6, 7, 11, **30**, 74, 80, 89 (93) | 7, 8, 11, **26**, 62, 72, 88 (**120**) | 7, 10, 13, **26**, 46, 51, 73 (**117**) | 7, 9, 12, **26**, 42, 43, 55 (83) | 14, 15, 15, **24**, 35, 35, 37 (87) |
| 10-20% | 6, 8, 8, **24**, 83, 86, 89 (99) | 5, 6, 7, **23**, 78, 81, 87 (89) | 5, 6, 7, **20**, 68, 75, 86 (98) | 5, 6, 6, **16**, 47, 63, 76 (82) | 6, 7, 8, **15**, 28, 34, 37 (94) | 6, 7, 8, **15**, 25, 27, 29 (97) |
| 0-10% | 5, 5, 6, **16**, 63, 66, 81 (74) | 5, 6, 6, **16**, 74, 81, 83 (81) | 5, 6, 6, **13**, 64, 69, 82 (88) | 5, 5, 5, **12**, 48, 58, 69 (79) | 5, 5, 5, **10**, 24, 56, 82 (59) | 5, 5, 5, **9**, 14, 17, 18 (49) |
| 0.01-0.06 | 90-100% | 9, 13, 21, **75**, 94, 94, 95 (45) | 11, 21, 25, **76**, 94, 94, 95 (76) | 6, 15, 21, **75**, 93, 93, 95 (85) | 16, 30, 33, **76**, 93, 94, 95 (91) | 17, 28, 39, **81**, 94, 94, 95 (97) | 10, 17, 21, **88**, 95, 95, 95 (70) |
| 80-90% | 20, 22, 24, **75**, 94, 94, 95 (55) | 12, 26, 32, **70**, 90, 91, 92 (67) | 19, 25, 31, **75**, 90, 92, 93 (90) | 14, 23, 36, **77**, 92, 94, 94 (79) | 29, 42, 50, **81**, 93, 94, 95 (**102**) | 29, 39, 51, **83**, 92, 93, 94 (**113**) |
| 70-80% | 12, 16, 20, **68**, 92, 93, 94 (71) | 12, 19, 22, **72**, 92, 94, 95 (82) | 15, 19, 19, **68**, 91, 92, 93 (94) | 14, 18, 28, **71**, 89, 90, 94 (**120**) | 15, 26, 38, **72**, 91, 92, 94 (**121**) | 22, 30, 46, **74**, 90, 93, 95 (**122**) |
| 60-70% | 11, 17, 23, **61**, 88, 91, 93 (68) | 11, 18, 21, **68**, 91, 94, 94 (94) | 10, 21, 27, **63**, 89, 90, 94 (**146**) | 8, 12, 17, **65**, 90, 92, 93 (**145**) | 14, 27, 39, **67**, 90, 93, 94 (**148**) | 20, 36, 46, **64**, 89, 92, 94 (**124**) |
| 50-60% | 8, 10, 12, **57**, 92, 94, 94 (87) | 9, 12, 14, **51**, 88, 91, 91 (**121**) | 6, 19, 25, **56**, 87, 92, 94 (**156**) | 10, 16, 20, **57**, 85, 87, 90 (**159**) | 7, 11, 14, **54**, 81, 86, 87 (**139**) | 15, 20, 29, **56**, 80, 90, 94 (**139**) |
| 40-50% | 12, 12, 14, **38**, 89, 89, 89 (57) | 7, 11, 12, **42**, 83, 90, 92 (**101**) | 6, 7, 11, **41**, 85, 89, 93 (**141**) | 7, 11, 14, **45**, 77, 84, 93 (**149**) | 7, 10, 14, **44**, 86, 92, 94 (**170**) | 7, 8, 15, **43**, 76, 83, 90 (**122**) |
| 30-40% | 7, 10, 12, **50**, 85, 86, 92 (59) | 9, 13, 17, **40**, 83, 85, 88 (78) | 5, 8, 10, **36**, 79, 85, 90 (**117**) | 5, 8, 10, **35**, 79, 92, 94 (**131**) | 6, 8, 13, **33**, 69, 73, 86 (**158**) | 6, 9, 13, **34**, 68, 82, 93 (**131**) |
| 20-30% | 6, 7, 7, **31**, 82, 87, 92 (56) | 6, 8, 9, **30**, 81, 89, 92 (81) | 5, 6, 8, **26**, 65, 80, 86 (**112**) | 5, 9, 9, **30**, 72, 80, 88 (**116**) | 6, 8, 9, **28**, 74, 90, 91 (**125**) | 6, 8, 10, **25**, 66, 76, 84 (**139**) |
| 10-20% | 6, 6, 7, **25**, 73, 77, 78 (66) | 5, 6, 6, **26**, 82, 86, 92 (85) | 6, 7, 8, **27**, 83, 85, 93 (90) | 6, 6, 7, **27**, 80, 87, 93 (**104**) | 6, 7, 7, **18**, 69, 89, 92 (**108**) | 6, 6, 7, **18**, 53, 62, 66 (83) |
| 0-10% | 6, 6, 7, **34**, 81, 84, 90 (67) | 6, 6, 7, **28**, 81, 90, 94 (**106**) | 5, 6, 7, **29**, 85, 90, 95 (**132**) | 5, 5, 6, **28**, 78, 87, 90 (**139**) | 5, 5, 6, **20**, 83, 88, 92 (**120**) | 5, 5, 6, **13**, 60, 70, 85 (96) |
| 0-0.01 | 90-100% | 24, 36, 43, **85**, 94, 94, 94 (32) | 11, 11, 16, **82**, 94, 94, 95 (39) | 6, 8, 19, **85**, 95, 95, 95 (39) | 13, 23, 28, **81**, 93, 94, 94 (38) | 8, 15, 17, **69**, 93, 93, 94 (67) | 6, 10, 15, **75**, 94, 94, 95 (61) |
| 80-90% | 26, 27, 28, **66**, 84, 84, 84 (6) | 14, 18, 24, **51**, 88, 89, 89 (14) | 13, 19, 26, **77**, 94, 94, 95 (17) | 24, 27, 30, **59**, 92, 92, 93 (22) | 13, 16, 18, **71**, 93, 93, 93 (41) | 16, 18, 26, **68**, 91, 93, 94 (41) |
| 70-80% | 15, 17, 19, **45**, 91, 92, 92 (9) | 18, 22, 28, **69**, 90, 92, 94 (13) | 11, 11, 12, **58**, 87, 91, 94 (15) | 11, 12, 16, **67**, 90, 94, 94 (42) | 13, 15, 20, **77**, 94, 94, 94 (28) | 7, 14, 21, **70**, 92, 93, 94 (66) |
| 60-70% | 20, 25, 31, **58**, 90, 92, 94 (11) | 27, 28, 29, **67**, 86, 90, 93 (21) | 10, 20, 28, **57**, 89, 91, 94 (25) | 10, 11, 11, **51**, 91, 93, 94 (33) | 11, 16, 18, **61**, 91, 92, 92 (44) | 8, 14, 22, **63**, 86, 93, 94 (73) |
| 50-60% | 35, 36, 38, **71**, 81, 81, 82 (11) | 31, 32, 32, **54**, 89, 90, 91 (25) | 13, 19, 25, **55**, 91, 92, 93 (24) | 17, 22, 28, **73**, 91, 91, 92 (27) | 8, 11, 16, **57**, 92, 93, 94 (45) | 10, 18, 20, **58**, 84, 85, 89 (69) |
| 40-50% | 17, 18, 19, **56**, 90, 91, 93 (12) | 33, 33, 34, **58**, 74, 76, 78 (14) | 13, 18, 22, **57**, 89, 89, 90 (25) | 7, 12, 14, **43**, 87, 88, 88 (33) | 6, 9, 11, **48**, 87, 88, 90 (55) | 6, 8, 9, **45**, 84, 92, 93 (84) |
| 30-40% | 7, 8, 10, **41**, 74, 75, 75 (13) | 10, 13, 16, **60**, 83, 84, 85 (13) | 8, 8, 9, **38**, 91, 92, 92 (25) | 12, 13, 14, **49**, 87, 88, 90 (32) | 11, 13, 14, **47**, 89, 91, 91 (40) | 6, 7, 8, **38**, 75, 83, 87 (64) |
| 20-30% | 24, 25, 26, **57**, 80, 81, 83 (5) | 9, 10, 10, **55**, 87, 89, 91 (16) | 8, 8, 8, **60**, 90, 90, 91 (18) | 8, 8, 8, **38**, 90, 91, 91 (31) | 6, 7, 7, **34**, 88, 88, 89 (38) | 5, 6, 7, **34**, 85, 87, 88 (55) |
| 10-20% | 24, 25, 26, **66**, 92, 93, 93 (8) | 8, 9, 10, **27**, 65, 74, 81 (10) | 5, 5, 6, **29**, 78, 86, 92 (21) | 7, 8, 9, **30**, 85, 88, 92 (26) | 6, 6, 7, **31**, 83, 88, 91 (26) | 8, 9, 10, **39**, 90, 92, 94 (43) |
| 0-10% | 5, 6, 6, **18**, 82, 85, 93 (**111**) | 5, 5, 6, **21**, 79, 84, 92 (**113**) | 5, 6, 6, **25**, 76, 82, 89 (**109**) | 5, 6, 6, **25**, 81, 86, 92 (98) | 5, 6, 7, **35**, 80, 83, 87 (**142**) | 5, 6, 7, **30**, 86, 91, 94 (**179**) |

15.5. Deviance of *Pmix,1*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV | Estimated *Pmix,1* | Estimated *DA* | | | | | |
| 0-50% | 50-85% | 85-95% | 95-99% | 99-99.9% | 99.9-100% |
| 100+ | 90-100% | / | / | / | -1.35 (**12,333**) | -1.37 (**37,092**) | -1.37 (**75,284**) |
| 70-90% | / | / | / | -0.4 (326) | -0.42 (528) | -0.32 (1,234) |
| 50-70% | / | / | / | +0.04 (168) | -0.08 (279) | -0.03 (995) |
| 30-50% | / | / | / | -0.05 (198) | -0.03 (308) | -0.06 (1,246) |
| 10-30% | / | / | / | -0.45 (373) | -0.41 (537) | -0.42 (2,270) |
| 0-10% | / | / | / | -1.35 (**13,836**) | -1.37 (**39,262**) | -1.37 (**90,862**) |
| 30-100 | 90-100% | / | -1.03 (173) | -1.24 (**40,339**) | -1.29 (**90,053**) | -1.34 (**50,280**) | -1.34 (**50,336**) |
| 70-90% | / | -0.36 (58) | -0.38 (4,748) | -0.35 (5,936) | -0.38 (2,349) | -0.32 (2,351) |
| 50-70% | / | -0.25 (39) | -0.04 (2,596) | -0.05 (3,426) | -0.05 (1,656) | -0.03 (1,838) |
| 30-50% | / | +0.17 (34) | -0.05 (2,645) | -0.05 (3,644) | -0.05 (1,928) | -0.08 (2,436) |
| 10-30% | / | -0.03 (55) | -0.38 (4,818) | -0.41 (6,546) | -0.38 (3,532) | -0.46 (5,121) |
| 0-10% | / | -0.83 (163) | -1.26 (**44,445**) | -1.31 (**95,495**) | -1.33 (**56,272**) | -1.33 (**59,330**) |
| 15-30 | 90-100% | / | -1.11 (6,960) | -1.15 (**57,996**) | -1.17 (**41,303**) | -1.21 (**17,077**) | -1.19 (**10,688**) |
| 70-90% | / | -0.36 (1,885) | -0.31 (**10,227**) | -0.28 (3,542) | -0.32 (1,090) | -0.21 (952) |
| 50-70% | / | -0.07 (1,105) | -0.04 (6,050) | -0.01 (2,299) | -0.02 (763) | 0 (794) |
| 30-50% | / | -0.02 (1,123) | -0.05 (6,342) | -0.06 (2,441) | -0.05 (958) | -0.07 (984) |
| 10-30% | / | -0.33 (1,881) | -0.35 (**10,871**) | -0.35 (4,503) | -0.38 (1,825) | -0.41 (1,721) |
| 0-10% | / | -1.1 (7,395) | -1.2 (**64,355**) | -1.23 (**45,928**) | -1.21 (**19,622**) | -1.21 (**12,410**) |
| 6-15 | 90-100% | / | -0.8 (**50,320**) | -0.76 (**73,143**) | -0.57 (**34,853**) | -0.37 (9,974) | +0.03 (3,835) |
| 70-90% | / | -0.25 (**18,684**) | -0.17 (**14,165**) | -0.1 (3,485) | -0.12 (881) | -0.15 (532) |
| 50-70% | / | -0.02 (**11,169**) | -0.02 (8,388) | 0 (2,284) | -0.03 (648) | +0.03 (473) |
| 30-50% | / | -0.04 (**10,963**) | -0.02 (8,630) | -0.03 (2,465) | 0 (739) | -0.01 (561) |
| 10-30% | / | -0.25 (**17,624**) | -0.21 (**14,737**) | -0.2 (4,795) | -0.16 (1,338) | -0.2 (906) |
| 0-10% | / | -0.83 (**47,897**) | -0.71 (**74,435**) | -0.58 (**40,182**) | +0.07 (**12,570**) | +0.25 (4,844) |
| 3-6 | 90-100% | / | -0.34 (**51,806**) | +0.04 (**41,474**) | +0.94 (**13,651**) | +3.13 (4,052) | +2.33 (724) |
| 70-90% | / | -0.08 (**25,478**) | +0.06 (8,345) | +0.15 (1,361) | +0.12 (225) | -0.14 (177) |
| 50-70% | / | -0.01 (**16,230**) | 0 (4,462) | -0.03 (821) | -0.06 (167) | -0.04 (172) |
| 30-50% | / | -0.01 (**16,299**) | 0 (4,559) | +0.01 (857) | +0.08 (194) | +0.06 (206) |
| 10-30% | / | -0.08 (**25,211**) | 0 (8,005) | +0.08 (1,700) | +0.17 (376) | +0.24 (250) |
| 0-10% | / | -0.24 (**54,057**) | +0.08 (**39,981**) | +1.4 (**16,579**) | +2.45 (6,414) | +3.81 (2,712) |
| 0-3 | 90-100% | -0.24 (508) | +0.01 (**85,060**) | +0.88 (**31,516**) | +2.4 (**21,080**) | +4.67 (3,884) | +4.77 (4,872) |
| 70-90% | -0.14 (2,370) | +0.02 (**64,279**) | +0.31 (5,707) | +0.34 (963) | +0.22 (141) | +0.62 (44) |
| 50-70% | -0.02 (2,607) | 0 (**41,464**) | +0.01 (2,692) | +0.05 (565) | +0.01 (108) | +0.13 (42) |
| 30-50% | +0.13 (4,084) | +0.01 (**41,375**) | +0.05 (2,933) | +0.04 (545) | +0.03 (110) | +0.03 (33) |
| 10-30% | +0.09 (2,534) | +0.12 (**64,543**) | +0.48 (6,956) | +0.86 (1,332) | +0.48 (199) | -0.09 (111) |
| 0-10% | -0.05 (598) | +0.26 (**84,637**) | +1.34 (**44,441**) | +2.75 (**34,377**) | +3.98 (8,882) | +6.55 (**35,102**) |

15.6. Distribution of *PPV1*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV | Estimated *MIXP1* | Estimated *DA* | | | | | |
| 0-50% | 50-85% | 85-95% | 95-99% | 99-99.9% | 99.9-100% |
| 100+ | 85-100% | / | / | / | / | 100, 100, 100 [0] (12) | 99, 100, 100 [0] (59) |
| 70-85% | / | / | / | 98, 99, 100 [0] (17) | 99, 100, 100 [0] (58) | 99, 100, 100 [0] (110) |
| 50-70% | / | / | / | 98, 99, 100 [0] (28) | 98, 100, 100 [0] (84) | 95, 100, 100 [0] (**200**) |
| 30-50% | / | / | / | 95, 98, 100 [0] (42) | 95, 99, 100 [0] (105) | 90, 100, 100 [0] (**279**) |
| 15-30% | / | / | / | 89, 97, 100 [0] (20) | 94, 100, 100 [0] (69) | 91, 100, 100 [0] (**204**) |
| 0-15% | / | / | / | / | 94, 100, 100 [0] (9) | 93, 100, 100 [0] (66) |
| 30-100 | 85-100% | / | / | / | 96, 99, 100 [0] (44) | 98, 100, 100 [0] (58) | 98, 100, 100 [0] (100) |
| 70-85% | / | / | 93, 97, 99 [0] (50) | 95, 99, 100 [0] (**208**) | 97, 100, 100 [0] (**163**) | 94, 100, 100 [0] (**246**) |
| 50-70% | / | / | 90, 96, 99 [0] (140) | 89, 98, 100 [0] (**300**) | 91, 100, 100 [0] (**250**) | 89, 100, 100 [0] (**387**) |
| 30-50% | / | / | 82, 93, 100 [0] (**154**) | 81, 96, 100 [0] (**326**) | 85, 100, 100 [0] (**283**) | 84, 100, 100 [0] (**423**) |
| 15-30% | / | / | 73, 89, 97 [0] (78) | 77, 94, 100 [0] (**221**) | 82, 100, 100 [0] (**174**) | 80, 100, 100 [0] (**327**) |
| 0-15% | / | / | / | 80, 92, 100 [0] (47) | 82, 100, 100 [0] (83) | 80, 100, 100 [0] (136) |
| 15-30 | 85-100% | / | / | 91, 97, 99 [0] (12) | 91, 98, 100 [0] (80) | 95, 99, 100 [0] (61) | 96, 100, 100 [0] (64) |
| 70-85% | / | 89, 93, 97 [0] (5) | 89, 96, 100 [0] (118) | 93, 98, 100 [0] (**162**) | 91, 100, 100 [0] (97) | 87, 100, 100 [0] (79) |
| 50-70% | / | 84, 90, 97 [0] (31) | 83, 94, 99 [0] (**289**) | 83, 97, 100 [0] (**244**) | 84, 100, 100 [0] (**179**) | 75, 96, 100 [0] (**155**) |
| 30-50% | / | 75, 89, 94 [0] (44) | 74, 89, 100 [0] (**299**) | 73, 94, 100 [0] (**307**) | 73, 100, 100 [0] (**182**) | 71, 93, 100 [0] (**164**) |
| 15-30% | / | / | 56, 85, 100 [0] (**168**) | 67, 92, 100 [0] (**221**) | 69, 100, 100 [0] (132) | 67, 100, 100 [0] (120) |
| 0-15% | / | / | 62, 82, 96 [0] (12) | 71, 90, 100 [0] (75) | 71, 100, 100 [0] (71) | 75, 100, 100 [0] (66) |
| 6-15 | 85-100% | / | / | 70, 95, 99 [0] (51) | 74, 97, 100 [0] (126) | 74, 98, 100 [0] (84) | 69, 98, 100 [0] (28) |
| 70-85% | / | 70, 91, 98 [0] (96) | 71, 95, 100 [0] (**329**) | 67, 95, 100 [0] (**267**) | 85, 97, 100 [0] (73) | 75, 96, 100 [0] (39) |
| 50-70% | / | 59, 88, 97 [0] (**294**) | 61, 93, 100 [0] (**611**) | 61, 93, 100 [0] (**334**) | 61, 93, 100 [0] (129) | 50, 84, 100 [0] (82) |
| 30-50% | / | 42, 82, 96 [0] (**310**) | 44, 88, 100 [0] (**600**) | 45, 89, 100 [0] (**410**) | 34, 87, 100 [0] (106) | 24, 86, 100 [0] (59) |
| 15-30% | / | 38, 76, 98 [0] (74) | 41, 81, 100 [0] (**374**) | 50, 100, 100 [0] (**313**) | 43, 100, 100 [0] (82) | 33, 82, 100 [0] (38) |
| 0-15% | / | / | 45, 84, 100 [0] (50) | 50, 100, 100 [0] (**158**) | 50, 100, 100 [0] (101) | 90, 100, 100 [0] (57) |
| 3-6 | 85-100% | / | / | 35, 89, 99 [0] (93) | 18, 89, 100 [0] (118) | 24, 85, 100 [0] (52) | / |
| 70-85% | / | 35, 87, 99 [0] (132) | 44, 92, 100 [0] (**295**) | 45, 89, 100 [0] (77) | 28, 90, 100 [0] (14) | 49, 78, 97 [0] (12) |
| 50-70% | / | 44, 86, 99 [0] (**536**) | 26, 86, 100 [0] (**473**) | 46, 88, 100 [0] (113) | 57, 85, 100 [0] (24) | 12, 82, 100 [0] (17) |
| 30-50% | / | 24, 75, 97 [0] (**549**) | 25, 79, 100 [0] (**425**) | 19, 75, 100 [0] (121) | 21, 83, 100 [0] (18) | 18, 78, 100 [0] (12) |
| 15-30% | / | 25, 75, 100 [0] (138) | 29, 81, 100 [0] (**284**) | 28, 100, 100 [0] (83) | 20, 86, 100 [0] (17) | 42, 71, 94 [0] (6) |
| 0-15% | / | / | 27, 81, 100 [0] (82) | 0, 100, 100 [0] (146) | 50, 100, 100 [0] (74) | 0, 100, 100 [0] (42) |
| 0-3 | 85-100% | / | 33, 77, 95 [0] (16) | 18, 73, 97 [0] (**261**) | 21, 80, 98 [0] (**244**) | 20, 77, 96 [0] (25) | 23, 88, 100 [0] (56) |
| 70-85% | / | 27, 78, 98 [0] (**500**) | 21, 83, 100 [0] (**196**) | 15, 86, 98 [0] (16) | / | / |
| 50-70% | 29, 76, 98 [0] (36) | 26, 81, 100 [0] (**1,391**) | 23, 83, 100 [0] (**222**) | 15, 73, 100 [0] (33) | 29, 71, 98 [0] (10) | 31, 81, 97 [0] (5) |
| 30-50% | 18, 69, 100 [25] (57) | 18, 74, 100 [0] (**1,341**) | 22, 79, 100 [0] (**197**) | 41, 78, 100 [0] (23) | 9, 42, 100 [0] (8) | 15, 30, 79 [0] (5) |
| 15-30% | / | 17, 77, 100 [4] (**490**) | 24, 83, 100 [0] (**237**) | 43, 67, 100 [0] (18) | 10, 100, 100 [0] (7) | 0, 83, 100 [0] (6) |
| 0-15% | / | 0, 100, 100 [17] (23) | 0, 100, 100 [8] (**375**) | 0, 100, 100 [13] (**361**) | 0, 100, 100 [28] (76) | 57, 100, 100 [95] (**377**) |

15.7. Distribution of *PPV2*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV | Estimated *MIXP1* | Estimated *DA* | | | | | |
| 0-50% | 50-85% | 85-95% | 95-99% | 99-99.9% | 99.9-100% |
| 100+ | 85-100% | / | / | / | / | 95, 100, 100 [0] (12) | 100, 100, 100 [0] (59) |
| 70-85% | / | / | / | 91, 97, 100 [0] (17) | 94, 100, 100 [0] (58) | 96, 100, 100 [0] (110) |
| 50-70% | / | / | / | 97, 99, 100 [0] (28) | 96, 100, 100 [0] (84) | 94, 100, 100 [0] (**200**) |
| 30-50% | / | / | / | 97, 99, 100 [0] (42) | 97, 100, 100 [0] (105) | 92, 100, 100 [0] (**279**) |
| 15-30% | / | / | / | 98, 99, 100 [0] (20) | 98, 100, 100 [0] (69) | 96, 100, 100 [0] (**204**) |
| 0-15% | / | / | / | / | 100, 100, 100 [0] (9) | 99, 100, 100 [0] (66) |
| 30-100 | 85-100% | / | / | / | 79, 94, 100 [0] (44) | 83, 100, 100 [0] (58) | 90, 100, 100 [0] (100) |
| 70-85% | / | / | 73, 89, 98 [0] (50) | 81, 96, 100 [0] (**208**) | 90, 100, 100 [0] (**163**) | 89, 100, 100 [0] (**246**) |
| 50-70% | / | / | 84, 94, 98 [0] (140) | 87, 97, 100 [0] (**300**) | 89, 100, 100 [0] (**250**) | 87, 100, 100 [0] (**387**) |
| 30-50% | / | / | 90, 96, 99 [0] (**154**) | 89, 98, 100 [0] (**326**) | 87, 99, 100 [0] (**283**) | 86, 100, 100 [0] (**423**) |
| 15-30% | / | / | 91, 97, 99 [0] (78) | 94, 98, 100 [0] (**221**) | 91, 100, 100 [0] (**174**) | 91, 100, 100 [0] (**327**) |
| 0-15% | / | / | / | 94, 99, 100 [0] (47) | 96, 99, 100 [0] (83) | 95, 100, 100 [0] (136) |
| 15-30 | 85-100% | / | / | 70, 86, 100 [0] (12) | 62, 100, 100 [0] (80) | 75, 100, 100 [0] (61) | 100, 100, 100 [0] (64) |
| 70-85% | / | 62, 80, 83 [0] (5) | 62, 87, 100 [0] (118) | 72, 93, 100 [0] (**162**) | 75, 100, 100 [0] (97) | 71, 100, 100 [0] (79) |
| 50-70% | / | 72, 86, 94 [0] (31) | 79, 92, 99 [0] (**289**) | 81, 95, 100 [0] (**244**) | 79, 100, 100 [0] (**179**) | 71, 94, 100 [0] (**155**) |
| 30-50% | / | 84, 92, 96 [0] (44) | 80, 94, 100 [0] (**299**) | 85, 97, 100 [0] (**307**) | 86, 100, 100 [0] (**182**) | 81, 96, 100 [0] (**164**) |
| 15-30% | / | / | 89, 96, 99 [0] (**168**) | 90, 98, 100 [0] (**221**) | 88, 98, 100 [0] (132) | 86, 99, 100 [0] (120) |
| 0-15% | / | / | 95, 98, 99 [0] (12) | 93, 98, 100 [0] (75) | 93, 99, 100 [0] (71) | 91, 99, 100 [0] (66) |
| 6-15 | 85-100% | / | / | 24, 80, 100 [0] (51) | 50, 100, 100 [0] (126) | 50, 100, 100 [0] (84) | 67, 100, 100 [0] (28) |
| 70-85% | / | 36, 76, 96 [0] (96) | 41, 82, 100 [0] (**329**) | 47, 100, 100 [0] (**267**) | 48, 100, 100 [0] (73) | 48, 100, 100 [0] (39) |
| 50-70% | / | 43, 83, 96 [0] (**294**) | 41, 89, 100 [0] (**611**) | 50, 92, 100 [0] (**334**) | 41, 89, 100 [0] (129) | 33, 88, 100 [0] (82) |
| 30-50% | / | 67, 89, 97 [0] (**310**) | 59, 91, 100 [0] (**600**) | 68, 95, 100 [0] (**410**) | 57, 91, 100 [0] (106) | 60, 86, 100 [0] (59) |
| 15-30% | / | 75, 92, 98 [0] (74) | 69, 94, 100 [0] (**374**) | 74, 96, 100 [0] (**313**) | 81, 96, 100 [0] (82) | 63, 94, 100 [0] (38) |
| 0-15% | / | / | 79, 94, 99 [0] (50) | 60, 95, 100 [0] (**158**) | 42, 95, 100 [0] (101) | 29, 94, 100 [0] (57) |
| 3-6 | 85-100% | / | / | 36, 86, 100 [0] (93) | 0, 100, 100 [0] (118) | 0, 100, 100 [0] (52) | / |
| 70-85% | / | 27, 72, 100 [0] (132) | 30, 80, 100 [0] (**295**) | 32, 83, 100 [0] (77) | 55, 90, 100 [0] (14) | 9, 68, 100 [0] (12) |
| 50-70% | / | 25, 78, 98 [0] (**536**) | 27, 83, 100 [0] (**473**) | 17, 84, 100 [0] (113) | 14, 75, 100 [0] (24) | 16, 77, 100 [0] (17) |
| 30-50% | / | 35, 86, 99 [0] (**549**) | 32, 89, 100 [0] (**425**) | 20, 89, 100 [0] (121) | 28, 80, 100 [0] (18) | 16, 53, 100 [0] (12) |
| 15-30% | / | 19, 88, 99 [0] (138) | 27, 91, 100 [0] (**284**) | 35, 91, 100 [0] (83) | 60, 84, 100 [0] (17) | 37, 82, 99 [0] (6) |
| 0-15% | / | / | 32, 86, 99 [0] (82) | 31, 89, 100 [0] (146) | 36, 88, 98 [0] (74) | 14, 91, 100 [0] (42) |
| 0-3 | 85-100% | / | 0, 88, 100 [6] (16) | 0, 100, 100 [5] (**261**) | 0, 100, 100 [8] (**244**) | 48, 100, 100 [20] (25) | 100, 100, 100 [98] (56) |
| 70-85% | / | 18, 75, 100 [0] (**500**) | 12, 83, 100 [0] (**196**) | 0, 90, 100 [0] (16) | / | / |
| 50-70% | 0, 51, 90 [8] (36) | 19, 70, 100 [0] (**1,391**) | 13, 76, 100 [0] (**222**) | 21, 67, 100 [0] (33) | 30, 68, 95 [0] (10) | 59, 77, 87 [0] (5) |
| 30-50% | 9, 55, 97 [0] (57) | 19, 79, 100 [0] (**1,341**) | 21, 80, 100 [0] (**197**) | 13, 71, 96 [0] (23) | 10, 92, 100 [0] (8) | 69, 84, 100 [0] (5) |
| 15-30% | / | 15, 75, 98 [0] (**490**) | 21, 82, 100 [0] (**237**) | 45, 81, 100 [0] (18) | 25, 94, 100 [0] (7) | 44, 89, 100 [0] (6) |
| 0-15% | / | 9, 60, 95 [0] (23) | 15, 72, 97 [0] (**375**) | 16, 73, 97 [0] (**361**) | 21, 77, 98 [0] (76) | 23, 84, 97 [0] (**377**) |

15.8. Distribution of *TPR1*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV | Estimated *MIXP1* | Estimated *DA* | | | | | |
| 0-50% | 50-85% | 85-95% | 95-99% | 99-99.9% | 99.9-100% |
| 100+ | 85-100% | / | / | / | / | 100, 100, 100 [0] (12) | 100, 100, 100 [0] (59) |
| 70-85% | / | / | / | 98, 99, 100 [0] (17) | 99, 100, 100 [0] (58) | 99, 100, 100 [0] (110) |
| 50-70% | / | / | / | 98, 99, 100 [0] (28) | 98, 100, 100 [0] (84) | 96, 100, 100 [0] (**200**) |
| 30-50% | / | / | / | 95, 98, 100 [0] (42) | 96, 100, 100 [0] (105) | 86, 100, 100 [0] (**279**) |
| 15-30% | / | / | / | 91, 97, 100 [0] (20) | 87, 98, 100 [0] (69) | 80, 100, 100 [0] (**204**) |
| 0-15% | / | / | / | / | 96, 100, 100 [0] (9) | 86, 100, 100 [0] (66) |
| 30-100 | 85-100% | / | / | / | 98, 100, 100 [0] (44) | 99, 100, 100 [0] (58) | 99, 100, 100 [0] (100) |
| 70-85% | / | / | 96, 98, 99 [0] (50) | 97, 99, 100 [0] (**208**) | 98, 100, 100 [0] (**163**) | 97, 100, 100 [0] (**246**) |
| 50-70% | / | / | 92, 96, 99 [0] (140) | 93, 98, 100 [0] (**300**) | 94, 100, 100 [0] (**250**) | 92, 100, 100 [0] (**387**) |
| 30-50% | / | / | 83, 93, 98 [0] (**154**) | 82, 96, 100 [0] (**326**) | 77, 98, 100 [0] (**283**) | 77, 100, 100 [0] (**423**) |
| 15-30% | / | / | 70, 86, 97 [0] (78) | 67, 91, 100 [0] (**221**) | 65, 100, 100 [0] (**174**) | 57, 100, 100 [0] (**327**) |
| 0-15% | / | / | / | 57, 85, 100 [0] (47) | 60, 92, 100 [0] (83) | 50, 100, 100 [0] (136) |
| 15-30 | 85-100% | / | / | 97, 99, 100 [0] (12) | 97, 100, 100 [0] (80) | 99, 100, 100 [0] (61) | 100, 100, 100 [0] (64) |
| 70-85% | / | 92, 95, 96 [0] (5) | 93, 97, 100 [0] (118) | 94, 99, 100 [0] (**162**) | 94, 100, 100 [0] (97) | 95, 100, 100 [0] (79) |
| 50-70% | / | 82, 92, 96 [0] (31) | 88, 95, 99 [0] (**289**) | 89, 97, 100 [0] (**244**) | 86, 100, 100 [0] (**179**) | 80, 97, 100 [0] (**155**) |
| 30-50% | / | 71, 86, 93 [0] (44) | 72, 89, 100 [0] (**299**) | 72, 95, 100 [0] (**307**) | 69, 100, 100 [0] (**182**) | 62, 91, 100 [0] (**164**) |
| 15-30% | / | / | 57, 79, 96 [0] (**168**) | 52, 89, 100 [0] (**221**) | 50, 92, 100 [0] (132) | 50, 90, 100 [0] (120) |
| 0-15% | / | / | 53, 71, 85 [0] (12) | 44, 78, 100 [0] (75) | 26, 80, 100 [0] (71) | 30, 92, 100 [0] (66) |
| 6-15 | 85-100% | / | / | 95, 99, 100 [0] (51) | 97, 100, 100 [0] (126) | 97, 100, 100 [0] (84) | 98, 100, 100 [0] (28) |
| 70-85% | / | 86, 96, 99 [0] (96) | 86, 97, 100 [0] (**329**) | 89, 100, 100 [0] (**267**) | 93, 100, 100 [0] (73) | 89, 100, 100 [0] (39) |
| 50-70% | / | 73, 90, 97 [0] (**294**) | 73, 93, 100 [0] (**611**) | 75, 95, 100 [0] (**334**) | 73, 93, 100 [0] (129) | 64, 92, 100 [0] (82) |
| 30-50% | / | 50, 79, 94 [0] (**310**) | 51, 85, 100 [0] (**600**) | 53, 90, 100 [0] (**410**) | 47, 83, 100 [0] (106) | 41, 75, 100 [2] (59) |
| 15-30% | / | 35, 62, 86 [0] (74) | 27, 70, 100 [0] (**374**) | 30, 80, 100 [0] (**313**) | 33, 75, 100 [0] (82) | 25, 58, 100 [0] (38) |
| 0-15% | / | / | 17, 42, 83 [0] (50) | 9, 50, 100 [0] (**158**) | 3, 40, 100 [0] (101) | 6, 33, 100 [0] (57) |
| 3-6 | 85-100% | / | / | 95, 99, 100 [0] (93) | 96, 100, 100 [0] (118) | 98, 100, 100 [0] (52) | / |
| 70-85% | / | 85, 94, 100 [0] (132) | 83, 96, 100 [0] (**295**) | 85, 96, 100 [0] (77) | 82, 98, 100 [0] (14) | 73, 88, 100 [0] (12) |
| 50-70% | / | 63, 87, 98 [0] (**536**) | 61, 89, 100 [0] (**473**) | 61, 91, 100 [0] (113) | 68, 88, 100 [0] (24) | 64, 86, 100 [0] (17) |
| 30-50% | / | 34, 73, 96 [0] (**549**) | 35, 78, 100 [0] (**425**) | 30, 70, 100 [0] (121) | 34, 67, 100 [0] (18) | 35, 45, 90 [8] (12) |
| 15-30% | / | 16, 48, 91 [0] (138) | 14, 57, 100 [0] (**284**) | 13, 56, 100 [1] (83) | 6, 34, 100 [0] (17) | 10, 28, 92 [0] (6) |
| 0-15% | / | / | 4, 23, 85 [0] (82) | 0, 20, 100 [1] (146) | 2, 9, 67 [1] (74) | 0, 17, 98 [0] (42) |
| 0-3 | 85-100% | / | 94, 100, 100 [0] (16) | 94, 100, 100 [0] (**261**) | 96, 100, 100 [0] (**244**) | 99, 100, 100 [0] (25) | 100, 100, 100 [0] (56) |
| 70-85% | / | 85, 96, 100 [0] (**500**) | 83, 97, 100 [0] (**196**) | 79, 99, 100 [0] (16) | / | / |
| 50-70% | 51, 76, 100 [0] (36) | 59, 83, 100 [0] (**1,391**) | 61, 86, 100 [0] (**222**) | 55, 77, 100 [3] (33) | 57, 75, 95 [0] (10) | 70, 80, 89 [0] (5) |
| 30-50% | 0, 45, 83 [0] (57) | 27, 61, 100 [0] (**1,341**) | 25, 67, 100 [0] (**197**) | 27, 56, 89 [0] (23) | 23, 64, 100 [0] (8) | 34, 75, 100 [0] (5) |
| 15-30% | / | 0, 25, 84 [0] (**490**) | 7, 33, 100 [0] (**237**) | 6, 25, 100 [0] (18) | 10, 38, 92 [14] (7) | 15, 25, 60 [33] (6) |
| 0-15% | / | 0, 3, 14 [0] (23) | 0, 8, 50 [1] (**375**) | 0, 4, 50 [0] (**361**) | 0, 2, 50 [1] (76) | 0, 0, 0 [2] (**377**) |

15.9. Distribution of *TPR2*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV | Estimated *MIXP1* | Estimated *DA* | | | | | |
| 0-50% | 50-85% | 85-95% | 95-99% | 99-99.9% | 99.9-100% |
| 100+ | 85-100% | / | / | / | / | 94, 100, 100 [0] (12) | 92, 100, 100 [0] (59) |
| 70-85% | / | / | / | 89, 96, 99 [0] (17) | 91, 100, 100 [0] (58) | 94, 100, 100 [0] (110) |
| 50-70% | / | / | / | 96, 99, 100 [0] (28) | 96, 100, 100 [0] (84) | 92, 100, 100 [0] (**200**) |
| 30-50% | / | / | / | 98, 99, 100 [0] (42) | 97, 99, 100 [0] (105) | 94, 100, 100 [0] (**279**) |
| 15-30% | / | / | / | 97, 99, 100 [0] (20) | 99, 100, 100 [0] (69) | 98, 100, 100 [0] (**204**) |
| 0-15% | / | / | / | / | 100, 100, 100 [0] (9) | 99, 100, 100 [0] (66) |
| 30-100 | 85-100% | / | / | / | 67, 88, 100 [0] (44) | 77, 100, 100 [0] (58) | 75, 100, 100 [0] (100) |
| 70-85% | / | / | 69, 86, 97 [0] (50) | 77, 93, 100 [0] (**208**) | 85, 100, 100 [0] (**163**) | 74, 100, 100 [0] (**246**) |
| 50-70% | / | / | 83, 93, 98 [0] (140) | 85, 97, 100 [0] (**300**) | 83, 100, 100 [0] (**250**) | 82, 100, 100 [0] (**387**) |
| 30-50% | / | / | 89, 96, 100 [0] (**154**) | 91, 98, 100 [0] (**326**) | 92, 100, 100 [0] (**283**) | 91, 100, 100 [0] (**423**) |
| 15-30% | / | / | 93, 97, 99 [0] (78) | 95, 99, 100 [0] (**221**) | 97, 100, 100 [0] (**174**) | 97, 100, 100 [0] (**327**) |
| 0-15% | / | / | / | 98, 100, 100 [0] (47) | 99, 100, 100 [0] (83) | 99, 100, 100 [0] (136) |
| 15-30 | 85-100% | / | / | 40, 63, 85 [0] (12) | 33, 77, 100 [0] (80) | 33, 83, 100 [0] (61) | 50, 100, 100 [0] (64) |
| 70-85% | / | 53, 73, 89 [0] (5) | 60, 81, 100 [0] (118) | 66, 91, 100 [0] (**162**) | 71, 100, 100 [0] (97) | 57, 100, 100 [1] (79) |
| 50-70% | / | 67, 84, 94 [0] (31) | 75, 89, 98 [0] (**289**) | 74, 94, 100 [0] (**244**) | 78, 100, 100 [0] (**179**) | 67, 93, 100 [0] (**155**) |
| 30-50% | / | 87, 92, 97 [0] (44) | 85, 94, 100 [0] (**299**) | 86, 97, 100 [0] (**307**) | 86, 100, 100 [0] (**182**) | 85, 97, 100 [0] (**164**) |
| 15-30% | / | / | 91, 97, 100 [0] (**168**) | 93, 99, 100 [0] (**221**) | 94, 100, 100 [0] (132) | 94, 100, 100 [0] (120) |
| 0-15% | / | / | 97, 99, 100 [0] (12) | 98, 99, 100 [0] (75) | 98, 100, 100 [0] (71) | 98, 100, 100 [0] (66) |
| 6-15 | 85-100% | / | / | 12, 44, 87 [0] (51) | 9, 65, 100 [0] (126) | 8, 67, 100 [0] (84) | 12, 83, 100 [0] (28) |
| 70-85% | / | 26, 60, 84 [0] (96) | 30, 72, 100 [0] (**329**) | 29, 80, 100 [0] (**267**) | 50, 88, 100 [0] (73) | 43, 73, 100 [0] (39) |
| 50-70% | / | 49, 80, 93 [0] (**294**) | 52, 87, 100 [0] (**611**) | 54, 88, 100 [1] (**334**) | 50, 89, 100 [0] (129) | 38, 74, 100 [0] (82) |
| 30-50% | / | 71, 90, 97 [0] (**310**) | 72, 92, 100 [0] (**600**) | 73, 93, 100 [0] (**410**) | 68, 92, 100 [0] (106) | 70, 90, 100 [0] (59) |
| 15-30% | / | 88, 95, 100 [0] (74) | 87, 96, 100 [0] (**374**) | 89, 100, 100 [0] (**313**) | 91, 100, 100 [0] (82) | 89, 97, 100 [0] (38) |
| 0-15% | / | / | 96, 99, 100 [0] (50) | 96, 100, 100 [0] (**158**) | 97, 100, 100 [1] (101) | 100, 100, 100 [0] (57) |
| 3-6 | 85-100% | / | / | 6, 27, 80 [0] (93) | 0, 20, 100 [0] (118) | 0, 8, 100 [0] (52) | / |
| 70-85% | / | 16, 46, 89 [0] (132) | 15, 60, 100 [0] (**295**) | 15, 61, 100 [1] (77) | 17, 54, 100 [0] (14) | 5, 29, 86 [0] (12) |
| 50-70% | / | 38, 73, 95 [0] (**536**) | 35, 76, 100 [0] (**473**) | 31, 76, 100 [2] (113) | 40, 69, 100 [0] (24) | 27, 67, 100 [0] (17) |
| 30-50% | / | 62, 85, 98 [0] (**549**) | 61, 88, 100 [0] (**425**) | 57, 85, 100 [1] (121) | 79, 89, 100 [0] (18) | 69, 77, 97 [8] (12) |
| 15-30% | / | 85, 95, 100 [0] (138) | 85, 97, 100 [0] (**284**) | 88, 100, 100 [0] (83) | 87, 96, 100 [0] (17) | 92, 96, 99 [0] (6) |
| 0-15% | / | / | 95, 99, 100 [0] (82) | 95, 100, 100 [0] (146) | 98, 100, 100 [0] (74) | 96, 100, 100 [0] (42) |
| 0-3 | 85-100% | / | 0, 7, 23 [0] (16) | 0, 9, 67 [0] (**261**) | 0, 5, 50 [1] (**244**) | 0, 2, 47 [0] (25) | 0, 0, 0 [5] (56) |
| 70-85% | / | 7, 28, 77 [0] (**500**) | 8, 38, 100 [2] (**196**) | 0, 25, 85 [0] (16) | / | / |
| 50-70% | 0, 49, 76 [3] (36) | 29, 63, 100 [0] (**1,391**) | 31, 69, 100 [1] (**222**) | 31, 56, 100 [0] (33) | 39, 67, 94 [0] (10) | 36, 55, 97 [0] (5) |
| 30-50% | 62, 89, 100 [0] (57) | 58, 83, 100 [0] (**1,341**) | 62, 87, 100 [1] (**197**) | 51, 84, 100 [0] (23) | 56, 69, 100 [0] (8) | 59, 67, 89 [0] (5) |
| 15-30% | / | 85, 96, 100 [0] (**490**) | 83, 98, 100 [0] (**237**) | 91, 96, 100 [0] (18) | 92, 100, 100 [0] (7) | 92, 98, 100 [0] (6) |
| 0-15% | / | 98, 100, 100 [0] (23) | 95, 100, 100 [0] (**375**) | 96, 100, 100 [0] (**361**) | 98, 100, 100 [0] (76) | 100, 100, 100 [0] (**377**) |

15.10. Distribution of *%CC*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV | Estimated *MIXP1* | Estimated *DA* | | | | | |
| 0-50% | 50-85% | 85-95% | 95-99% | 99-99.9% | 99.9-100% |
| 100+ | 85-100% | / | / | / | / | 99, 100, 100 (12) | 99, 100, 100 (59) |
| 70-85% | / | / | / | 97, 99, 99 (17) | 98, 100, 100 (58) | 99, 100, 100 (110) |
| 50-70% | / | / | / | 98, 99, 100 (28) | 98, 99, 100 (84) | 94, 100, 100 (**200**) |
| 30-50% | / | / | / | 97, 99, 99 (42) | 97, 99, 100 (105) | 92, 100, 100 (**279**) |
| 15-30% | / | / | / | 97, 98, 100 (20) | 98, 99, 100 (69) | 95, 100, 100 (**204**) |
| 0-15% | / | / | / | / | 99, 100, 100 (9) | 99, 100, 100 (66) |
| 30-100 | 85-100% | / | / | / | 96, 99, 100 (44) | 98, 100, 100 (58) | 98, 100, 100 (100) |
| 70-85% | / | / | 92, 96, 98 (50) | 94, 98, 100 (**208**) | 96, 100, 100 (**163**) | 94, 100, 100 (**246**) |
| 50-70% | / | / | 91, 95, 97 (140) | 90, 98, 100 (**300**) | 91, 99, 100 (**250**) | 88, 100, 100 (**387**) |
| 30-50% | / | / | 90, 95, 98 (**154**) | 89, 97, 100 (**326**) | 87, 98, 100 (**283**) | 86, 100, 100 (**423**) |
| 15-30% | / | / | 91, 95, 98 (78) | 91, 97, 99 (**221**) | 91, 99, 100 (**174**) | 90, 100, 100 (**327**) |
| 0-15% | / | / | / | 94, 98, 100 (47) | 96, 99, 100 (83) | 95, 100, 100 (136) |
| 15-30 | 85-100% | / | / | 91, 95, 97 (12) | 91, 98, 100 (80) | 95, 99, 100 (61) | 97, 100, 100 (64) |
| 70-85% | / | 84, 90, 94 (5) | 89, 94, 98 (118) | 91, 97, 100 (**162**) | 92, 98, 100 (97) | 88, 97, 100 (79) |
| 50-70% | / | 83, 88, 93 (31) | 85, 93, 98 (**289**) | 84, 96, 100 (**244**) | 82, 97, 100 (**179**) | 78, 95, 100 (**155**) |
| 30-50% | / | 85, 90, 93 (44) | 81, 92, 98 (**299**) | 83, 96, 100 (**307**) | 83, 97, 100 (**182**) | 83, 95, 100 (**164**) |
| 15-30% | / | / | 88, 93, 97 (**168**) | 88, 96, 100 (**221**) | 90, 97, 100 (132) | 86, 97, 100 (120) |
| 0-15% | / | / | 94, 96, 98 (12) | 93, 98, 100 (75) | 93, 98, 100 (71) | 92, 99, 100 (66) |
| 6-15 | 85-100% | / | / | 70, 93, 97 (51) | 73, 96, 100 (126) | 74, 98, 100 (84) | 70, 97, 100 (28) |
| 70-85% | / | 73, 88, 93 (96) | 70, 92, 98 (**329**) | 68, 94, 100 (**267**) | 86, 97, 100 (73) | 81, 93, 100 (39) |
| 50-70% | / | 61, 86, 92 (**294**) | 63, 89, 98 (**611**) | 67, 91, 100 (**334**) | 62, 89, 100 (129) | 55, 83, 100 (82) |
| 30-50% | / | 65, 85, 92 (**310**) | 63, 89, 97 (**600**) | 67, 90, 100 (**410**) | 60, 86, 100 (106) | 61, 82, 97 (59) |
| 15-30% | / | 74, 88, 94 (74) | 70, 91, 97 (**374**) | 76, 94, 100 (**313**) | 81, 94, 100 (82) | 67, 90, 98 (38) |
| 0-15% | / | / | 80, 92, 97 (50) | 62, 94, 100 (**158**) | 44, 95, 100 (101) | 30, 94, 100 (57) |
| 3-6 | 85-100% | / | / | 37, 89, 97 (93) | 21, 89, 99 (118) | 27, 84, 100 (52) | / |
| 70-85% | / | 42, 83, 92 (132) | 47, 88, 97 (**295**) | 51, 88, 98 (77) | 37, 87, 100 (14) | 49, 71, 93 (12) |
| 50-70% | / | 52, 81, 92 (**536**) | 48, 81, 96 (**473**) | 54, 83, 98 (113) | 54, 75, 92 (24) | 40, 77, 91 (17) |
| 30-50% | / | 51, 80, 92 (**549**) | 50, 81, 95 (**425**) | 48, 79, 97 (121) | 50, 80, 89 (18) | 49, 61, 87 (12) |
| 15-30% | / | 32, 85, 93 (138) | 36, 87, 98 (**284**) | 42, 88, 100 (83) | 62, 80, 97 (17) | 41, 79, 95 (6) |
| 0-15% | / | / | 36, 86, 98 (82) | 34, 88, 99 (146) | 37, 87, 98 (74) | 16, 88, 100 (42) |
| 0-3 | 85-100% | / | 34, 78, 94 (16) | 19, 73, 96 (**261**) | 23, 80, 97 (**244**) | 21, 78, 96 (25) | 23, 88, 100 (56) |
| 70-85% | / | 33, 77, 93 (**500**) | 29, 82, 97 (**196**) | 26, 83, 95 (16) | / | / |
| 50-70% | 46, 64, 80 (36) | 46, 72, 90 (**1,391**) | 48, 77, 92 (**222**) | 43, 67, 91 (33) | 47, 71, 85 (10) | 48, 77, 80 (5) |
| 30-50% | 9, 57, 83 (57) | 44, 72, 91 (**1,341**) | 45, 76, 94 (**197**) | 36, 72, 91 (23) | 29, 64, 77 (8) | 54, 71, 83 (5) |
| 15-30% | / | 22, 74, 93 (**490**) | 31, 81, 96 (**237**) | 47, 78, 96 (18) | 34, 89, 96 (7) | 49, 87, 95 (6) |
| 0-15% | / | 10, 61, 94 (23) | 19, 72, 95 (**375**) | 18, 73, 97 (**361**) | 23, 76, 98 (76) | 23, 84, 97 (**377**) |

15.11. *PPV1,pooled*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV/N |  | Estimated *MIXP1* | | | | | |
| 0-10% | 10-25% | 25-50% | 50-75% | 75-90% | 90-100% |
| 0.6+ | 15+ | / | / | / | / | / | / |
| 5-15 | / | / | / | / | / | / |
| 0-5 | / | / | / | 58.7% (155) | 67% (109) | 72% (25) |
| -5 to 0 | / | 60.8% (171) | 65.8% (799) | 78.5% (713) | 95% (298) | 93.3% (60) |
| -15 to -5 | 81.5% (81) | 92.3% (1,065) | 96.4% (2,909) | 97.9% (2,704) | 99.4% (1,911) | 99.7% (377) |
| < -15 | 100% (1,344) | 100% (**9,918**) | 100% (**31,579**) | 100% (**43,595**) | 100% (**35,231**) | 100% (**14,841**) |
| 0.3-0.6 | 15+ | / | / | / | / | / | / |
| 5-15 | / | / | / | / | / | 0% (1) |
| 0-5 | / | / | / | 55.5% (931) | 67.2% (1,229) | 72.9% (247) |
| -5 to 0 | 50% (4) | 56.8% (901) | 66.4% (4,396) | 79.3% (4,631) | 89.6% (3,059) | 95.7% (562) |
| -15 to -5 | 86.1% (366) | 91.3% (4,061) | 95.1% (**12,557**) | 97.5% (**14,960**) | 98.9% (**12,261**) | 99.1% (2,928) |
| < -15 | 99.8% (1,029) | 99.5% (**6,220**) | 99.6% (**21,727**) | 99.6% (**33,290**) | 99.9% (**29,954**) | 99.9% (**13,825**) |
| 0.15-0.3 | 15+ | / | / | / | / | / | / |
| 5-15 | / | / | / | / | / | 35.7% (14) |
| 0-5 | / | / | / | 56.8% (1,985) | 68.3% (2,299) | 72% (596) |
| -5 to 0 | 52.4% (21) | 59% (1,580) | 65.9% (**8,166**) | 78.7% (**11,411**) | 89.6% (**6,818**) | 90.1% (1,771) |
| -15 to -5 | 83.6% (856) | 88% (**6,867**) | 93% (**21,020**) | 96.4% (**32,093**) | 98.2% (**23,503**) | 97.4% (**7,147**) |
| < -15 | 99% (772) | 98.6% (3,136) | 98.4% (**11,018**) | 98.8% (**20,252**) | 99.3% (**16,146**) | 98.9% (**9,056**) |
| 0.06-0.15 | 15+ | / | / | / | / | / | / |
| 5-15 | / | / | / | / | / | 42.2% (64) |
| 0-5 | / | / | / | 58.1% (4,231) | 67.7% (4,636) | 65% (1,651) |
| -5 to 0 | 45.8% (24) | 56.7% (3,109) | 63.7% (**16,429**) | 76.5% (**24,862**) | 86.5% (**14,492**) | 86.2% (**5,020**) |
| -15 to -5 | 82.7% (1,447) | 84.7% (**9,327**) | 88.8% (**28,599**) | 93.7% (**46,799**) | 95.8% (**30,456**) | 93.4% (**14,614**) |
| < -15 | 95.4% (389) | 97% (994) | 95.4% (4,078) | 97.1% (**8,796**) | 97.4% (**5,688**) | 95.2% (**6,978**) |
| 0.01-0.06 | 15+ | / | / | / | / | / | / |
| 5-15 | / | / | / | / | / | 24.9% (173) |
| 0-5 | / | / | / | 58% (**11,949**) | 60.5% (**12,531**) | 55.8% (**5,305**) |
| -5 to 0 | 58% (81) | 59.3% (4,900) | 60.4% (**38,457**) | 74.2% (**64,415**) | 80.1% (**35,346**) | 75.1% (**15,156**) |
| -15 to -5 | 79.6% (2,094) | 78.3% (**7,390**) | 81.5% (**31,901**) | 88.9% (**52,646**) | 92.2% (**30,124**) | 84.6% (**22,615**) |
| < -15 | 85.2% (54) | 100% (47) | 93.2% (529) | 92.3% (1,461) | 94.8% (659) | 84.2% (3,368) |
| 0-0.01 | 15+ | / | / | / | / | / | / |
| 5-15 | / | / | / | / | / | 26.6% (233) |
| 0-5 | / | / | / | 55.2% (**7,392**) | 51.9% (**7,525**) | 53.7% (**6,967**) |
| -5 to 0 | 68.8% (32) | 61.7% (1,819) | 59.4% (**19,725**) | 70.6% (**33,515**) | 71.3% (**18,023**) | 70.2% (**16,192**) |
| -15 to -5 | 78.9% (601) | 72.7% (828) | 76.4% (4,952) | 84.8% (**8,060**) | 84.5% (3,910) | 75.6% (**9,064**) |
| < -15 | / | / | / | 87.5% (8) | 0% (1) | 76.1% (744) |

15.12. *PPV2,pooled*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV/N |  | Estimated *MIXP1* | | | | | |
| 0-10% | 10-25% | 25-50% | 50-75% | 75-90% | 90-100% |
| 0.6+ | 15+ | 100% (**16,052**) | 100% (**45,905**) | 100% (**52,375**) | 99.9% (**25,839**) | 99.9% (**7,298**) | 99.9% (1,150) |
| 5-15 | 99.8% (1,569) | 99.5% (**5,362**) | 98.8% (**5,531**) | 96.2% (1,865) | 94.1% (512) | 90% (40) |
| 0-5 | 96.7% (359) | 92.4% (1,614) | 84% (1,896) | 68.3% (555) | 55.9% (59) | / |
| -5 to 0 | 77.4% (93) | 69.7% (466) | 56.3% (293) | / | / | / |
| -15 to -5 | 100% (1) | / | / | / | / | / |
| < -15 | / | / | / | / | / | / |
| 0.3-0.6 | 15+ | 100% (**13,043**) | 99.9% (**31,674**) | 99.7% (**38,404**) | 99.6% (**20,065**) | 99.5% (**6,379**) | 99.7% (989) |
| 5-15 | 99.4% (3,831) | 99.1% (**15,859**) | 98.2% (**19,015**) | 95.4% (**8,413**) | 91.1% (2,764) | 91.9% (273) |
| 0-5 | 95.2% (1,480) | 90.6% (**7,635**) | 80.9% (**8,974**) | 70% (3,169) | 63.4% (514) | 60% (5) |
| -5 to 0 | 77.1% (516) | 68.7% (2,501) | 60.7% (1,659) | / | / | / |
| -15 to -5 | 50% (4) | / | / | / | / | / |
| < -15 | / | / | / | / | / | / |
| 0.15-0.3 | 15+ | 98% (**11,979**) | 99.6% (**19,561**) | 99.1% (**23,523**) | 98.8% (**14,679**) | 98.2% (3,781) | 98.5% (677) |
| 5-15 | 96.9% (**8,459**) | 98.3% (**25,370**) | 96.8% (**30,087**) | 93.3% (**17,543**) | 88.3% (4,683) | 83.8% (543) |
| 0-5 | 91.9% (3,493) | 89.7% (**11,396**) | 80.5% (**14,989**) | 68.3% (**7,103**) | 59.2% (996) | 52.9% (17) |
| -5 to 0 | 74.5% (1,350) | 68.8% (4,168) | 61.3% (2,970) | / | / | / |
| -15 to -5 | 27.3% (22) | / | / | / | / | / |
| < -15 | / | / | / | / | / | / |
| 0.06-0.15 | 15+ | 94.3% (**11,304**) | 98% (**9,407**) | 97.6% (**11,087**) | 96.3% (**7,429**) | 96.3% (1,560) | 95.7% (416) |
| 5-15 | 93% (**15,642**) | 96.3% (**35,727**) | 94.1% (**42,654**) | 88.8% (**26,863**) | 82.4% (**7,001**) | 79.4% (1,077) |
| 0-5 | 84.5% (**6,435**) | 87.2% (**20,920**) | 77.7% (**26,620**) | 65.6% (**14,117**) | 55.1% (2,001) | 56.5% (23) |
| -5 to 0 | 65% (2,532) | 66.2% (**7,993**) | 59.3% (**5,142**) | / | / | / |
| -15 to -5 | 35.2% (88) | / | / | / | / | / |
| < -15 | / | / | / | / | / | / |
| 0.01-0.06 | 15+ | 84.6% (**9,051**) | 96.5% (1,487) | 93.7% (2,081) | 93.8% (1,493) | 92.1% (191) | 89.2% (74) |
| 5-15 | 80.4% (**29,260**) | 89.9% (**29,554**) | 88.1% (**51,040**) | 81.6% (**34,121**) | 77% (**7,821**) | 77.3% (1,633) |
| 0-5 | 69.6% (**18,761**) | 78.4% (**34,060**) | 73% (**63,498**) | 59.4% (**36,235**) | 56.7% (4,563) | 55.9% (59) |
| -5 to 0 | 52.2% (**7,300**) | 60.4% (**13,207**) | 57.4% (**12,991**) | / | / | / |
| -15 to -5 | 34.5% (336) | / | / | / | / | / |
| < -15 | / | / | / | / | / | / |
| 0-0.01 | 15+ | 85% (2,630) | 100% (8) | 100% (9) | 100% (5) | / | 100% (1) |
| 5-15 | 77.4% (**18,566**) | 82% (3,346) | 82.7% (**7,827**) | 77% (**5,724**) | 75.7% (1,262) | 72.6% (383) |
| 0-5 | 67.9% (**43,964**) | 66.1% (**16,795**) | 67.2% (**32,567**) | 57.9% (**18,644**) | 63.4% (2,007) | 77.3% (22) |
| -5 to 0 | 47.1% (**21,834**) | 45.2% (**8,476**) | 49.7% (**7,761**) | / | / | / |
| -15 to -5 | 25.3% (517) | / | / | / | / | / |
| < -15 | / | / | / | / | / | / |

15.13. *TPR1,pooled*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV/N |  | Estimated *MIXP1* | | | | | |
| 0-10% | 10-25% | 25-50% | 50-75% | 75-90% | 90-100% |
| 0.6+ | 15+ | / | 0% (3) | 0% (8) | 0% (24) | 0% (5) | 0% (1) |
| 5-15 | 0% (3) | 0% (26) | 0% (66) | 0% (70) | 0% (30) | 0% (4) |
| 0-5 | 0% (12) | 0% (122) | 0% (304) | 34.1% (267) | 73.7% (99) | 100% (18) |
| -5 to 0 | 0% (21) | 42.4% (245) | 80.4% (654) | 100% (560) | 100% (283) | 100% (56) |
| -15 to -5 | 100% (66) | 100% (983) | 100% (2,803) | 100% (2,646) | 100% (1,900) | 100% (376) |
| < -15 | 100% (1,344) | 100% (**9,914**) | 100% (**31,564**) | 100% (**43,574**) | 100% (**35,227**) | 100% (**14,840**) |
| 0.3-0.6 | 15+ | 0% (4) | 0% (32) | 0% (103) | 0% (81) | 0% (31) | 0% (3) |
| 5-15 | 0% (22) | 0% (145) | 0% (339) | 0% (383) | 0% (247) | 0% (22) |
| 0-5 | 0% (71) | 0% (717) | 0% (1,710) | 35.2% (1,467) | 81.5% (1,014) | 98.9% (182) |
| -5 to 0 | 1.7% (120) | 39.5% (1,295) | 81.7% (3,570) | 100% (3,673) | 100% (2,742) | 100% (538) |
| -15 to -5 | 99.4% (317) | 100% (3,708) | 100% (**11,942**) | 100% (**14,593**) | 100% (**12,128**) | 100% (2,903) |
| < -15 | 100% (1,027) | 100% (**6,192**) | 100% (**21,630**) | 100% (**33,171**) | 100% (**29,916**) | 100% (**13,813**) |
| 0.15-0.3 | 15+ | 0% (235) | 0% (85) | 0% (219) | 0% (183) | 0% (67) | 0% (10) |
| 5-15 | 0% (260) | 0% (430) | 0% (972) | 0% (1,182) | 0% (550) | 5.4% (93) |
| 0-5 | 0% (282) | 0% (1,173) | 0% (2,919) | 33.3% (3,382) | 79.5% (1,977) | 98.2% (437) |
| -5 to 0 | 3.1% (355) | 41.7% (2,233) | 82.4% (**6,529**) | 100% (**8,978**) | 100% (**6,108**) | 100% (1,595) |
| -15 to -5 | 97.8% (732) | 100% (**6,041**) | 100% (**19,553**) | 100% (**30,933**) | 100% (**23,083**) | 100% (**6,960**) |
| < -15 | 100% (764) | 100% (3,091) | 100% (**10,839**) | 100% (**20,008**) | 100% (**16,027**) | 100% (**8,957**) |
| 0.06-0.15 | 15+ | 0% (640) | 0% (191) | 0% (261) | 0% (275) | 0% (58) | 0% (18) |
| 5-15 | 0% (1,092) | 0% (1,326) | 0% (2,499) | 0% (3,007) | 0% (1,235) | 10.8% (249) |
| 0-5 | 0% (999) | 0% (2,677) | 0% (**5,936**) | 33.6% (**7,320**) | 77.7% (4,039) | 99.1% (1,083) |
| -5 to 0 | 1.2% (896) | 39.5% (4,467) | 83.3% (**12,557**) | 100% (**19,024**) | 100% (**12,541**) | 100% (4,329) |
| -15 to -5 | 95.5% (1,253) | 100% (**7,897**) | 100% (**25,402**) | 100% (**43,848**) | 100% (**29,170**) | 100% (**13,650**) |
| < -15 | 100% (371) | 100% (964) | 100% (3,889) | 100% (**8,543**) | 100% (**5,539**) | 100% (**6,641**) |
| 0.01-0.06 | 15+ | 0% (1,390) | 0% (52) | 0% (132) | 0% (92) | 0% (15) | 0% (8) |
| 5-15 | 0% (**5,739**) | 0% (2,971) | 0% (**6,092**) | 0% (**6,287**) | 0% (1,796) | 10.4% (413) |
| 0-5 | 0% (**5,706**) | 0% (**7,364**) | 0% (**17,174**) | 32% (**21,630**) | 79.3% (**9,549**) | 99.1% (2,988) |
| -5 to 0 | 1.3% (3,536) | 35.8% (**8,131**) | 80.8% (**28,755**) | 100% (**47,799**) | 100% (**28,296**) | 100% (**11,377**) |
| -15 to -5 | 88.3% (1,886) | 100% (**5,786**) | 100% (**26,001**) | 100% (**46,802**) | 100% (**27,778**) | 100% (**19,139**) |
| < -15 | 100% (46) | 100% (47) | 100% (493) | 100% (1,349) | 100% (625) | 100% (2,835) |
| 0-0.01 | 15+ | 0% (394) | / | / | / | / | / |
| 5-15 | 0% (4,189) | 0% (603) | 0% (1,351) | 0% (1,314) | 0% (307) | 37.1% (167) |
| 0-5 | 0% (**14,110**) | 0% (**5,692**) | 0% (**10,669**) | 34.2% (**11,929**) | 84.2% (4,639) | 99.9% (3,744) |
| -5 to 0 | 0.2% (**11,581**) | 19.5% (**5,764**) | 75% (**15,630**) | 100% (**23,649**) | 100% (**12,855**) | 100% (**11,365**) |
| -15 to -5 | 55.1% (860) | 100% (602) | 100% (3,784) | 100% (**6,834**) | 100% (3,303) | 100% (**6,851**) |
| < -15 | / | / | / | 100% (7) | / | 100% (566) |

15.14. *TPR2,pooled*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV/N |  | Estimated *MIXP1* | | | | | |
| 0-10% | 10-25% | 25-50% | 50-75% | 75-90% | 90-100% |
| 0.6+ | 15+ | 100% (**16,052**) | 100% (**45,902**) | 100% (**52,367**) | 100% (**25,815**) | 100% (**7,293**) | 100% (1,149) |
| 5-15 | 100% (1,566) | 100% (**5,336**) | 100% (**5,465**) | 100% (1,795) | 100% (482) | 100% (36) |
| 0-5 | 100% (347) | 100% (1,492) | 100% (1,592) | 85.6% (443) | 47.8% (69) | 0% (7) |
| -5 to 0 | 100% (72) | 82.9% (392) | 37.7% (438) | 0% (153) | 0% (15) | 0% (4) |
| -15 to -5 | 6.2% (16) | 0% (82) | 0% (106) | 0% (58) | 0% (11) | 0% (1) |
| < -15 | / | 0% (4) | 0% (15) | 0% (21) | 0% (4) | 0% (1) |
| 0.3-0.6 | 15+ | 100% (**13,039**) | 100% (**31,642**) | 100% (**38,301**) | 100% (**19,984**) | 100% (**6,348**) | 100% (986) |
| 5-15 | 100% (3,809) | 100% (**15,714**) | 100% (**18,676**) | 100% (**8,030**) | 100% (2,517) | 99.6% (252) |
| 0-5 | 100% (1,409) | 100% (**6,918**) | 100% (**7,264**) | 84.3% (2,633) | 44.7% (729) | 4.3% (70) |
| -5 to 0 | 99.5% (400) | 81.5% (2,107) | 40.5% (2,485) | 0% (958) | 0% (317) | 0% (24) |
| -15 to -5 | 3.8% (53) | 0% (353) | 0% (615) | 0% (367) | 0% (133) | 0% (25) |
| < -15 | 0% (2) | 0% (28) | 0% (97) | 0% (119) | 0% (38) | 0% (12) |
| 0.15-0.3 | 15+ | 100% (**11,744**) | 100% (**19,476**) | 100% (**23,304**) | 100% (**14,496**) | 100% (3,714) | 100% (667) |
| 5-15 | 100% (**8,199**) | 100% (**24,940**) | 100% (**29,115**) | 100% (**16,361**) | 100% (4,133) | 98.1% (464) |
| 0-5 | 100% (3,211) | 100% (**10,223**) | 100% (**12,070**) | 85% (**5,706**) | 44.8% (1,318) | 5.1% (176) |
| -5 to 0 | 99% (1,016) | 81.6% (3,515) | 39.5% (4,607) | 0% (2,433) | 0% (710) | 0% (176) |
| -15 to -5 | 4.1% (146) | 0% (826) | 0% (1,467) | 0% (1,160) | 0% (420) | 0% (187) |
| < -15 | 0% (8) | 0% (45) | 0% (179) | 0% (244) | 0% (119) | 0% (99) |
| 0.06-0.15 | 15+ | 100% (**10,664**) | 100% (**9,216**) | 100% (**10,826**) | 100% (**7,154**) | 100% (1,502) | 100% (398) |
| 5-15 | 100% (**14,550**) | 100% (**34,401**) | 100% (**40,155**) | 100% (**23,856**) | 100% (**5,766**) | 95.9% (892) |
| 0-5 | 100% (**5,436**) | 100% (**18,243**) | 100% (**20,684**) | 83.9% (**11,028**) | 42.4% (2,598) | 2.2% (591) |
| -5 to 0 | 99.2% (1,660) | 79.7% (**6,635**) | 33.8% (**9,014**) | 0% (**5,838**) | 0% (1,951) | 0% (691) |
| -15 to -5 | 11% (282) | 0% (1,430) | 0% (3,197) | 0% (2,951) | 0% (1,286) | 0% (964) |
| < -15 | 0% (18) | 0% (30) | 0% (189) | 0% (253) | 0% (149) | 0% (337) |
| 0.01-0.06 | 15+ | 100% (**7,661**) | 100% (1,435) | 100% (1,949) | 100% (1,401) | 100% (176) | 100% (66) |
| 5-15 | 100% (**23,521**) | 100% (**26,583**) | 100% (**44,948**) | 100% (**27,834**) | 100% (**6,025**) | 90.7% (1,393) |
| 0-5 | 100% (**13,055**) | 100% (**26,696**) | 100% (**46,324**) | 81.1% (**26,554**) | 34.3% (**7,545**) | 1.4% (2,376) |
| -5 to 0 | 99.1% (3,845) | 80% (**9,976**) | 32.9% (**22,693**) | 0% (**16,616**) | 0% (**7,050**) | 0% (3,779) |
| -15 to -5 | 21.3% (544) | 0% (1,604) | 0% (**5,900**) | 0% (**5,844**) | 0% (2,346) | 0% (3,476) |
| < -15 | 0% (8) | / | 0% (36) | 0% (112) | 0% (34) | 0% (533) |
| 0-0.01 | 15+ | 100% (2,236) | 100% (8) | 100% (9) | 100% (5) | / | 100% (1) |
| 5-15 | 100% (**14,377**) | 100% (2,743) | 100% (**6,476**) | 100% (4,410) | 100% (955) | 61.9% (449) |
| 0-5 | 100% (**29,854**) | 100% (**11,103**) | 100% (**21,898**) | 76.5% (**14,107**) | 26% (4,893) | 0.5% (3,245) |
| -5 to 0 | 99.9% (**10,285**) | 84.6% (4,531) | 32.5% (**11,856**) | 0% (**9,866**) | 0% (**5,168**) | 0% (4,827) |
| -15 to -5 | 50.8% (258) | 0% (226) | 0% (1,168) | 0% (1,226) | 0% (607) | 0% (2,213) |
| < -15 | / | / | / | 0% (1) | 0% (1) | 0% (178) |

15.15. *%CCpooled*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dOFV/N |  | Estimated *MIXP1* | | | | | |
| 0-10% | 10-25% | 25-50% | 50-75% | 75-90% | 90-100% |
| 0.6+ | 15+ | 100% (**16,052**) | 100% (**45,905**) | 100% (**52,375**) | 99.9% (**25,839**) | 99.9% (**7,298**) | 99.9% (1,150) |
| 5-15 | 99.8% (1,569) | 99.5% (**5,362**) | 98.8% (**5,531**) | 96.2% (1,865) | 94.1% (512) | 90% (40) |
| 0-5 | 96.7% (359) | 92.4% (1,614) | 84% (1,896) | 66.2% (710) | 63.1% (168) | 72% (25) |
| -5 to 0 | 77.4% (93) | 67.3% (637) | 63.3% (1,092) | 78.5% (713) | 95% (298) | 93.3% (60) |
| -15 to -5 | 81.7% (82) | 92.3% (1,065) | 96.4% (2,909) | 97.9% (2,704) | 99.4% (1,911) | 99.7% (377) |
| < -15 | 100% (1,344) | 100% (**9,918**) | 100% (**31,579**) | 100% (**43,595**) | 100% (**35,231**) | 100% (**14,841**) |
| 0.3-0.6 | 15+ | 100% (**13,043**) | 99.9% (**31,674**) | 99.7% (**38,404**) | 99.6% (**20,065**) | 99.5% (**6,379**) | 99.7% (989) |
| 5-15 | 99.4% (3,831) | 99.1% (**15,859**) | 98.2% (**19,015**) | 95.4% (**8,413**) | 91.1% (2,764) | 91.6% (274) |
| 0-5 | 95.2% (1,480) | 90.6% (**7,635**) | 80.9% (**8,974**) | 66.7% (4,100) | 66.1% (1,743) | 72.6% (252) |
| -5 to 0 | 76.9% (520) | 65.5% (3,402) | 64.8% (**6,055**) | 79.3% (4,631) | 89.6% (3,059) | 95.7% (562) |
| -15 to -5 | 85.7% (370) | 91.3% (4,061) | 95.1% (**12,557**) | 97.5% (**14,960**) | 98.9% (**12,261**) | 99.1% (2,928) |
| < -15 | 99.8% (1,029) | 99.5% (**6,220**) | 99.6% (**21,727**) | 99.6% (**33,290**) | 99.9% (**29,954**) | 99.9% (**13,825**) |
| 0.15-0.3 | 15+ | 98% (**11,979**) | 99.6% (**19,561**) | 99.1% (**23,523**) | 98.8% (**14,679**) | 98.2% (3,781) | 98.5% (677) |
| 5-15 | 96.9% (**8,459**) | 98.3% (**25,370**) | 96.8% (**30,087**) | 93.3% (**17,543**) | 88.3% (4,683) | 82.6% (557) |
| 0-5 | 91.9% (3,493) | 89.7% (**11,396**) | 80.5% (**14,989**) | 65.7% (**9,088**) | 65.6% (3,295) | 71.5% (613) |
| -5 to 0 | 74.2% (1,371) | 66.1% (**5,748**) | 64.6% (**11,136**) | 78.7% (**11,411**) | 89.6% (**6,818**) | 90.1% (1,771) |
| -15 to -5 | 82.2% (878) | 88% (**6,867**) | 93% (**21,020**) | 96.4% (**32,093**) | 98.2% (**23,503**) | 97.4% (**7,147**) |
| < -15 | 99% (772) | 98.6% (3,136) | 98.4% (**11,018**) | 98.8% (**20,252**) | 99.3% (**16,146**) | 98.9% (**9,056**) |
| 0.06-0.15 | 15+ | 94.3% (**11,304**) | 98% (**9,407**) | 97.6% (**11,087**) | 96.3% (**7,429**) | 96.3% (1,560) | 95.7% (416) |
| 5-15 | 93% (**15,642**) | 96.3% (**35,727**) | 94.1% (**42,654**) | 88.8% (**26,863**) | 82.4% (**7,001**) | 77.3% (1,141) |
| 0-5 | 84.5% (**6,435**) | 87.2% (**20,920**) | 77.7% (**26,620**) | 63.8% (**18,348**) | 63.9% (**6,637**) | 64.9% (1,674) |
| -5 to 0 | 64.9% (2,556) | 63.5% (**11,102**) | 62.6% (**21,571**) | 76.5% (**24,862**) | 86.5% (**14,492**) | 86.2% (**5,020**) |
| -15 to -5 | 79.9% (1,535) | 84.7% (**9,327**) | 88.8% (**28,599**) | 93.7% (**46,799**) | 95.8% (**30,456**) | 93.4% (**14,614**) |
| < -15 | 95.4% (389) | 97% (994) | 95.4% (4,078) | 97.1% (**8,796**) | 97.4% (**5,688**) | 95.2% (**6,978**) |
| 0.01-0.06 | 15+ | 84.6% (**9,051**) | 96.5% (1,487) | 93.7% (2,081) | 93.8% (1,493) | 92.1% (191) | 89.2% (74) |
| 5-15 | 80.4% (**29,260**) | 89.9% (**29,554**) | 88.1% (**51,040**) | 81.6% (**34,121**) | 77% (**7,821**) | 72.3% (1,806) |
| 0-5 | 69.6% (**18,761**) | 78.4% (**34,060**) | 73% (**63,498**) | 59.1% (**48,184**) | 59.5% (**17,094**) | 55.8% (**5,364**) |
| -5 to 0 | 52.3% (**7,381**) | 60.1% (**18,107**) | 59.6% (**51,448**) | 74.2% (**64,415**) | 80.1% (**35,346**) | 75.1% (**15,156**) |
| -15 to -5 | 73.3% (2,430) | 78.3% (**7,390**) | 81.5% (**31,901**) | 88.9% (**52,646**) | 92.2% (**30,124**) | 84.6% (**22,615**) |
| < -15 | 85.2% (54) | 100% (47) | 93.2% (529) | 92.3% (1,461) | 94.8% (659) | 84.2% (3,368) |
| 0-0.01 | 15+ | 85% (2,630) | 100% (8) | 100% (9) | 100% (5) | / | 100% (1) |
| 5-15 | 77.4% (**18,566**) | 82% (3,346) | 82.7% (**7,827**) | 77% (**5,724**) | 75.7% (1,262) | 55.2% (616) |
| 0-5 | 67.9% (**43,964**) | 66.1% (**16,795**) | 67.2% (**32,567**) | 57.1% (**26,036**) | 54.3% (**9,532**) | 53.7% (**6,989**) |
| -5 to 0 | 47.1% (**21,866**) | 48.2% (**10,295**) | 56.7% (**27,486**) | 70.6% (**33,515**) | 71.3% (**18,023**) | 70.2% (**16,192**) |
| -15 to -5 | 54.1% (1,118) | 72.7% (828) | 76.4% (4,952) | 84.8% (**8,060**) | 84.5% (3,910) | 75.6% (**9,064**) |
| < -15 | / | / | / | 87.5% (8) | 0% (1) | 76.1% (744) |