

Figure 1: Harrell's C-index (Discrimination) estimated for models fitted under contrasting data generation scenarios.

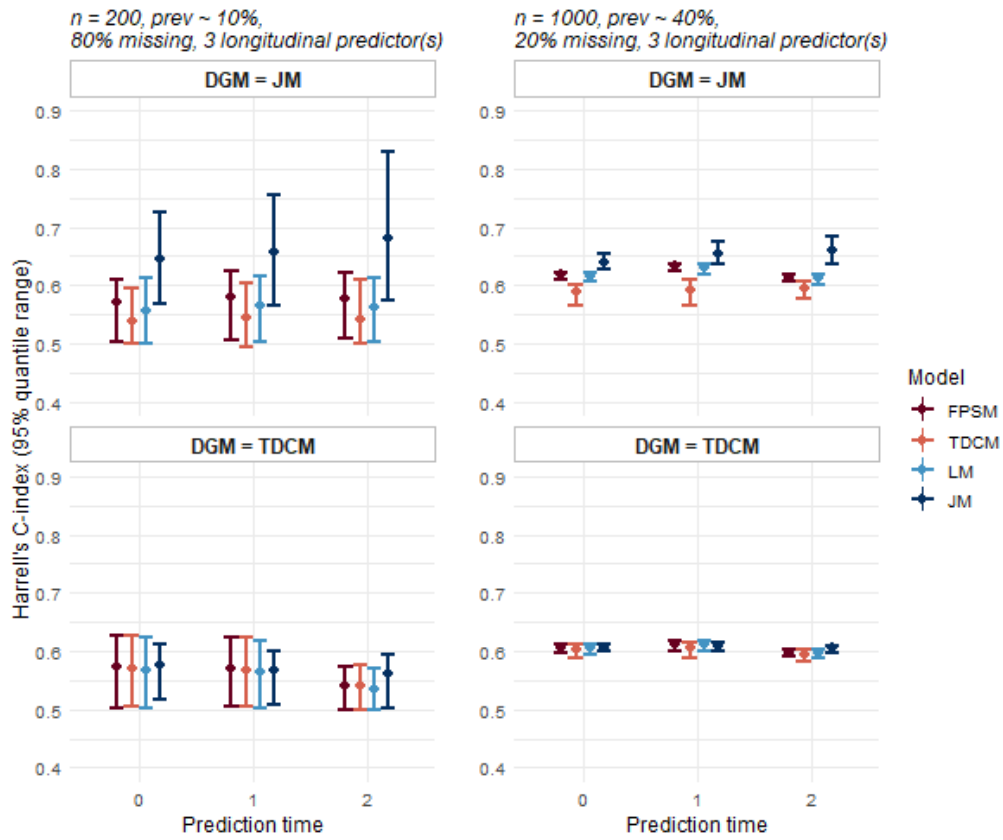


Figure 2: Harrell's C-index (Discrimination) estimated for models fitted under contrasting data generation scenarios.

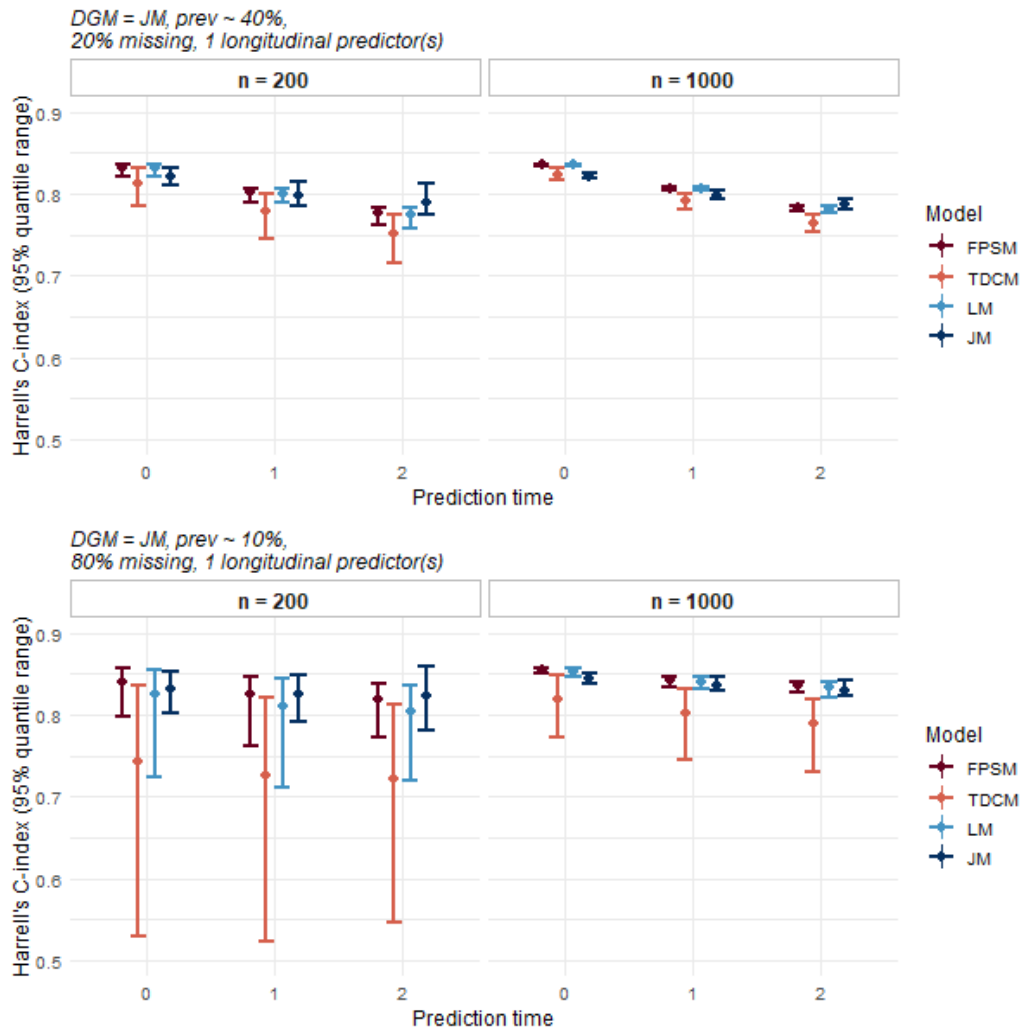


Figure 3: Exploring how Harrell's C-index (Discrimination) was influenced by sample size.

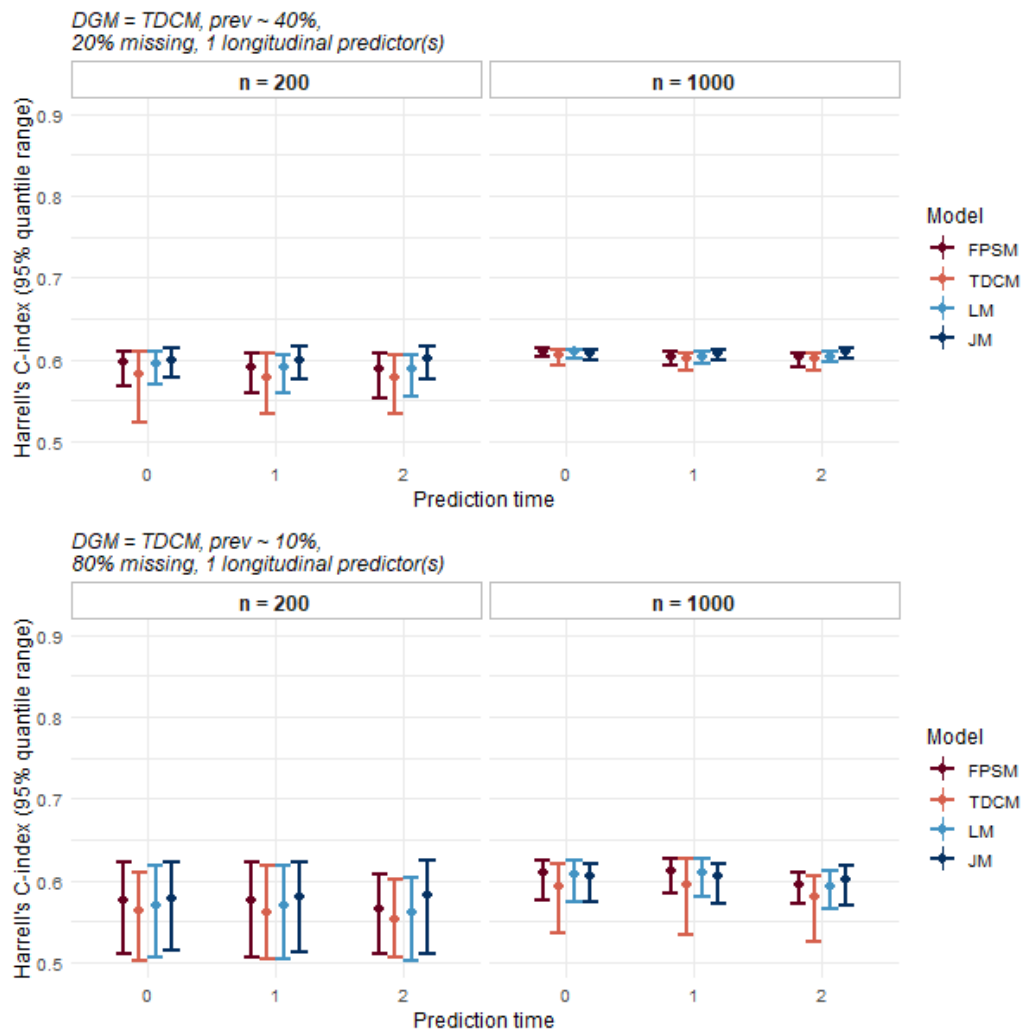


Figure 4: Exploring how Harrell's C-index (Discrimination) was influenced by sample size.

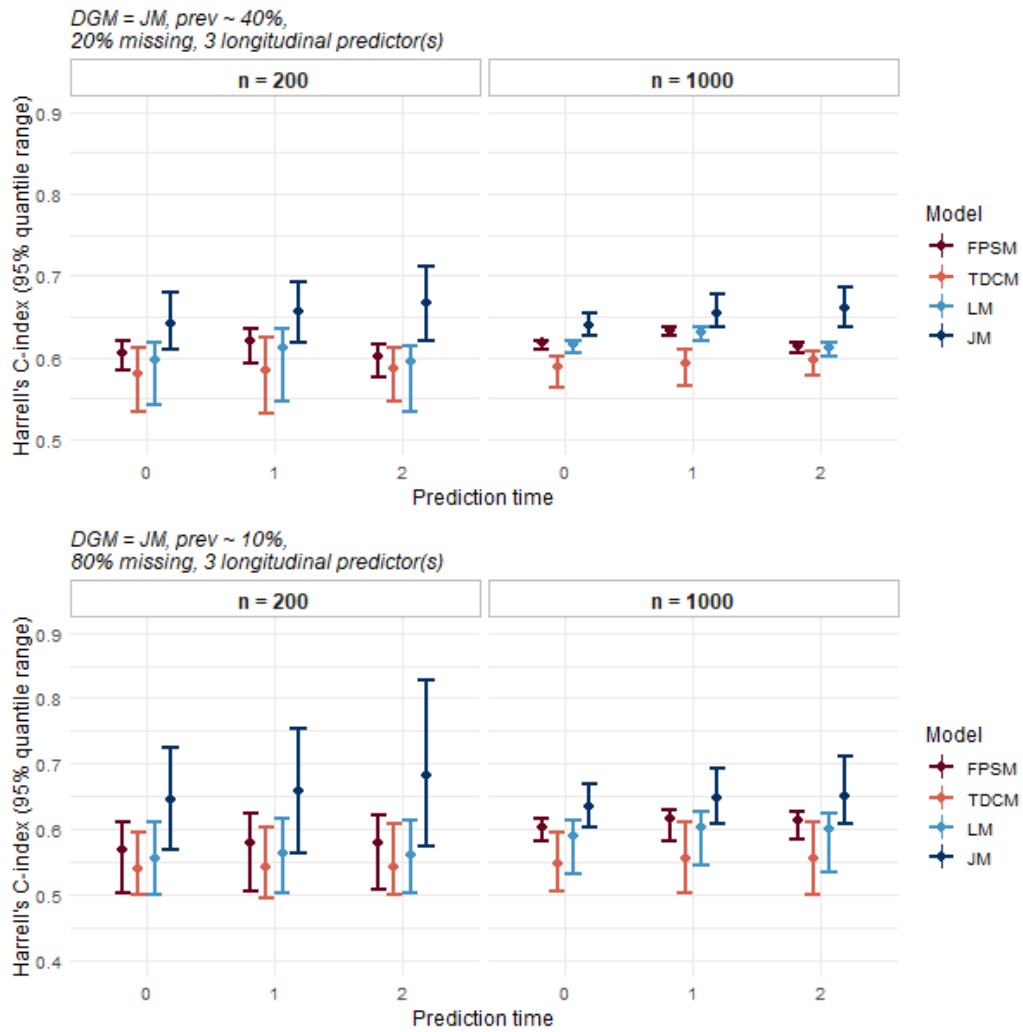


Figure 5: Exploring how Harrell's C-index (Discrimination) was influenced by sample size.

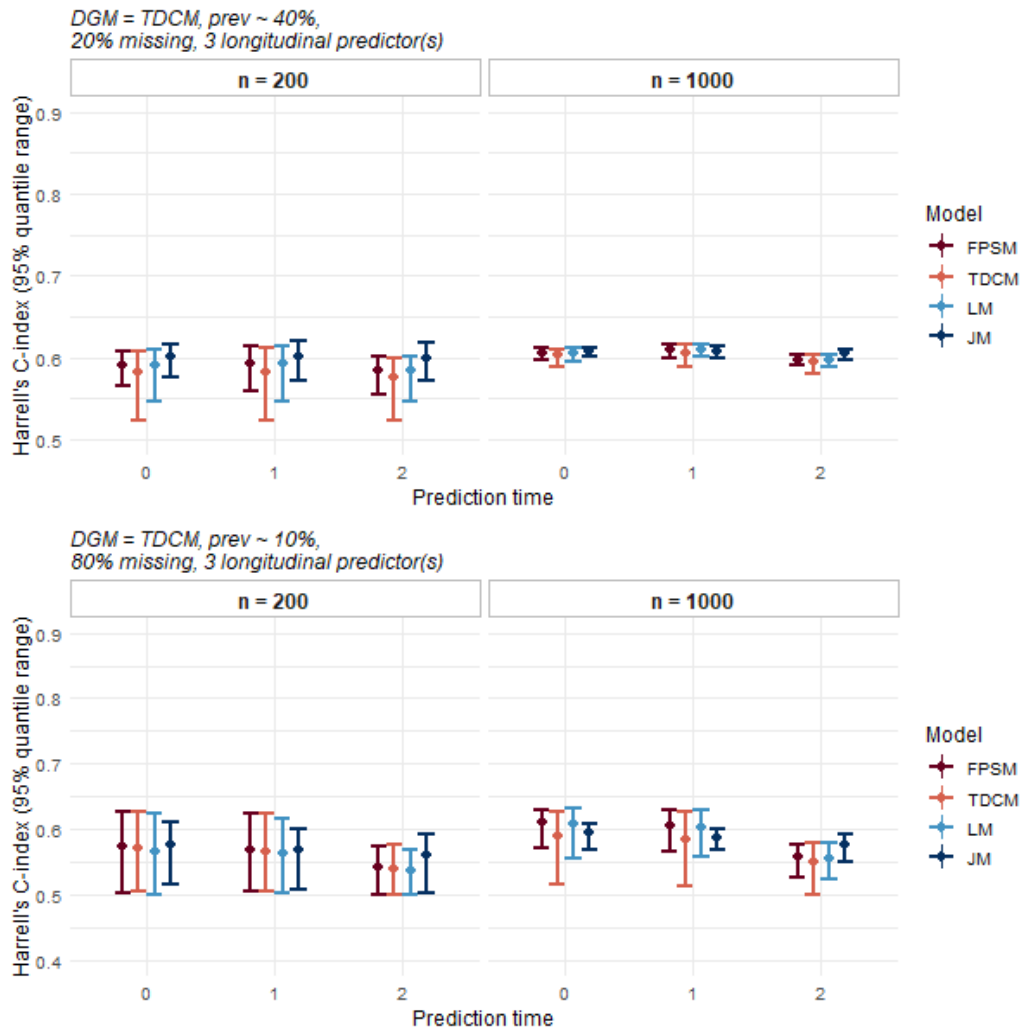


Figure 6: Exploring how Harrell's C-index (Discrimination) was influenced by sample size.

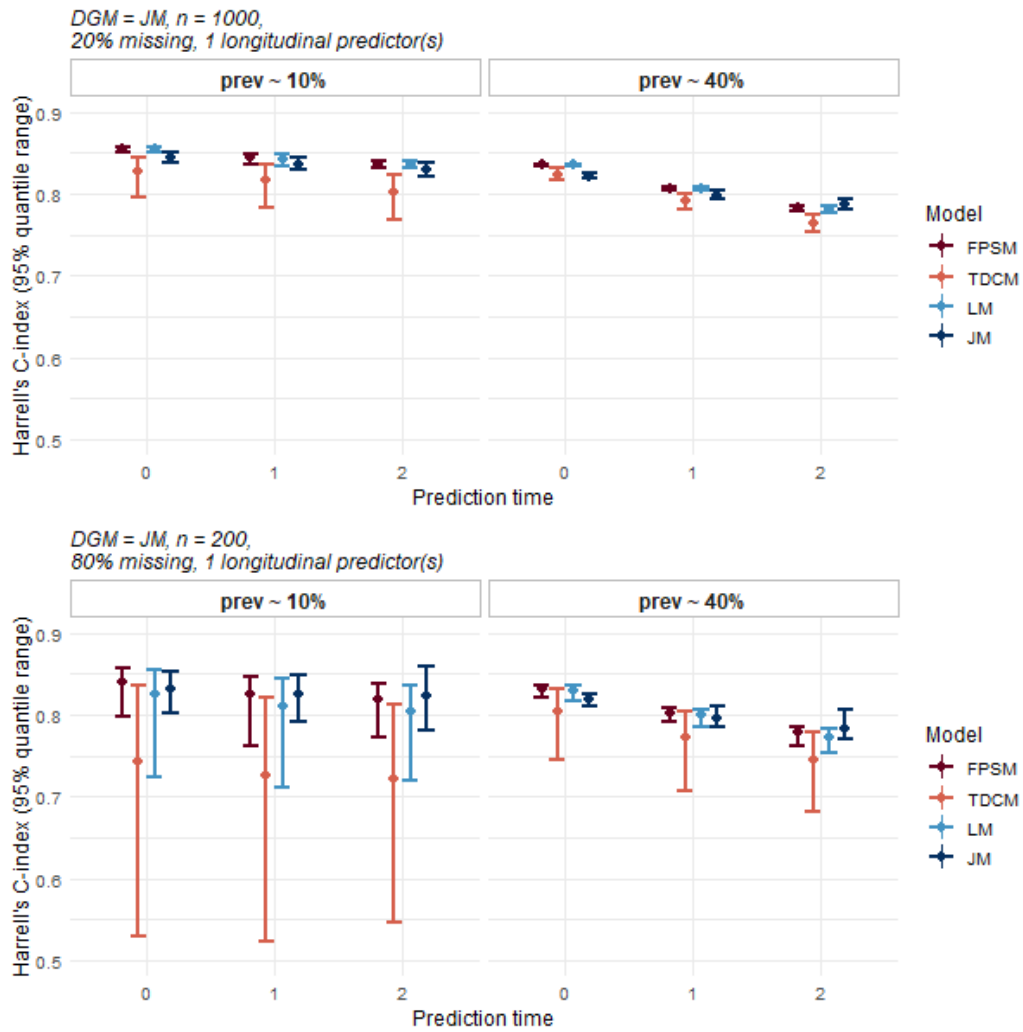


Figure 7: Exploring how Harrell's C-index (Discrimination) was influenced by **event prevalence**.

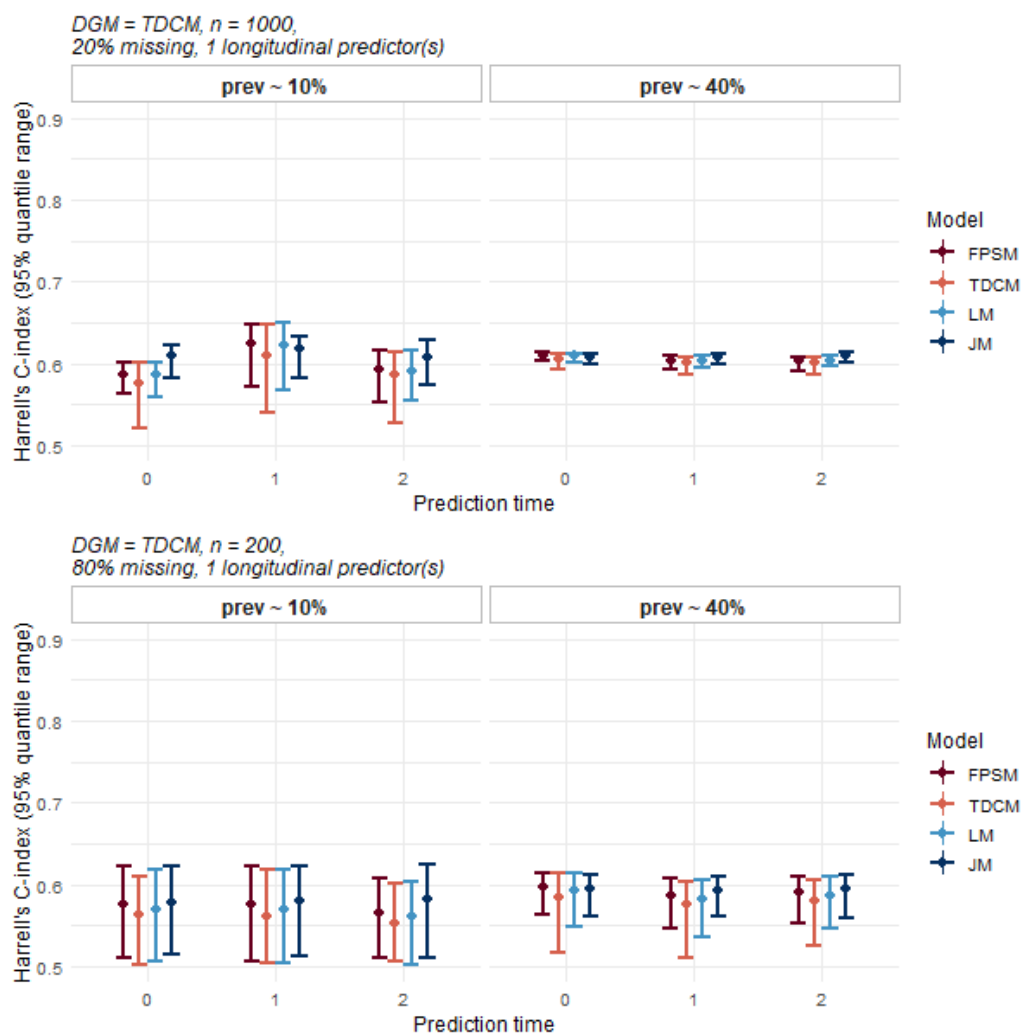


Figure 8: Exploring how Harrell's C-index (Discrimination) was influenced by **event prevalence**.



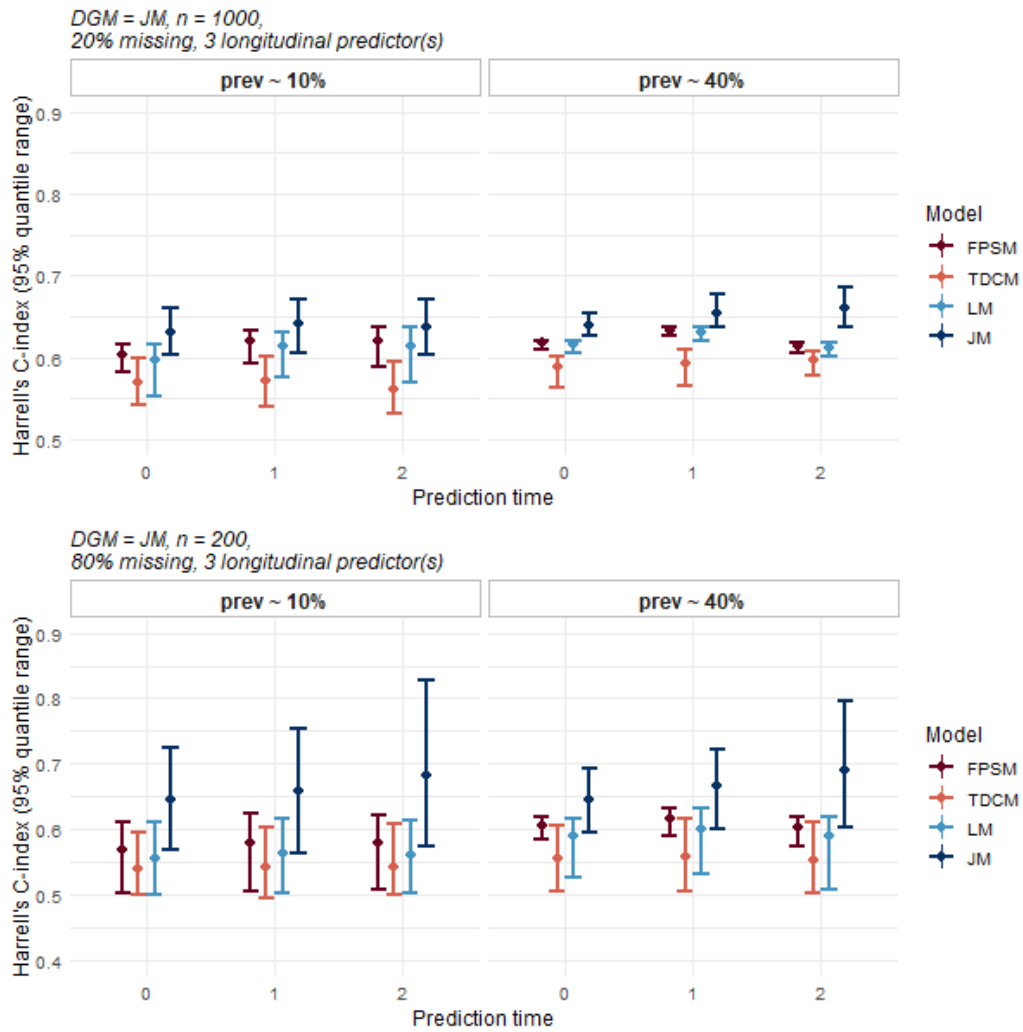


Figure 9: Exploring how Harrell's C-index (Discrimination) was influenced by event prevalence.

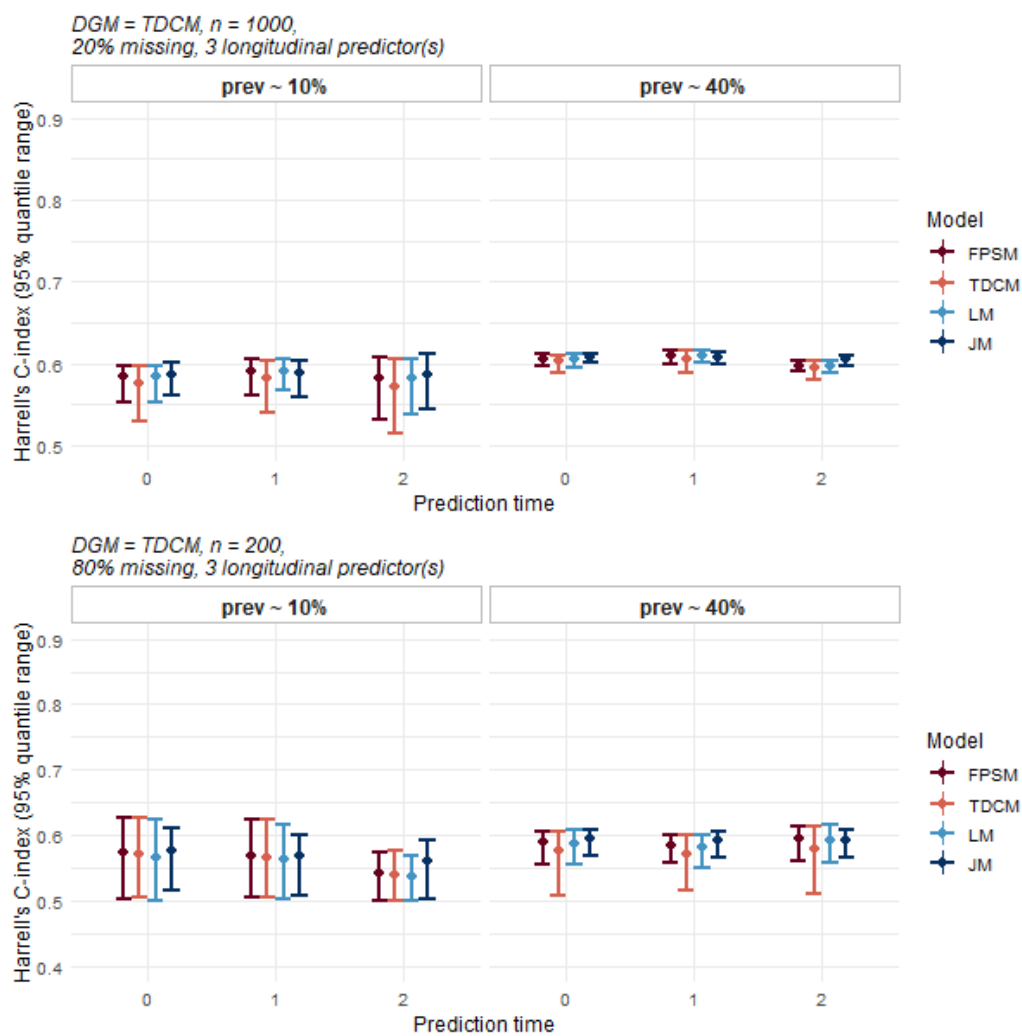


Figure 10: Exploring how Harrell's C-index (Discrimination) was influenced by **event prevalence**.

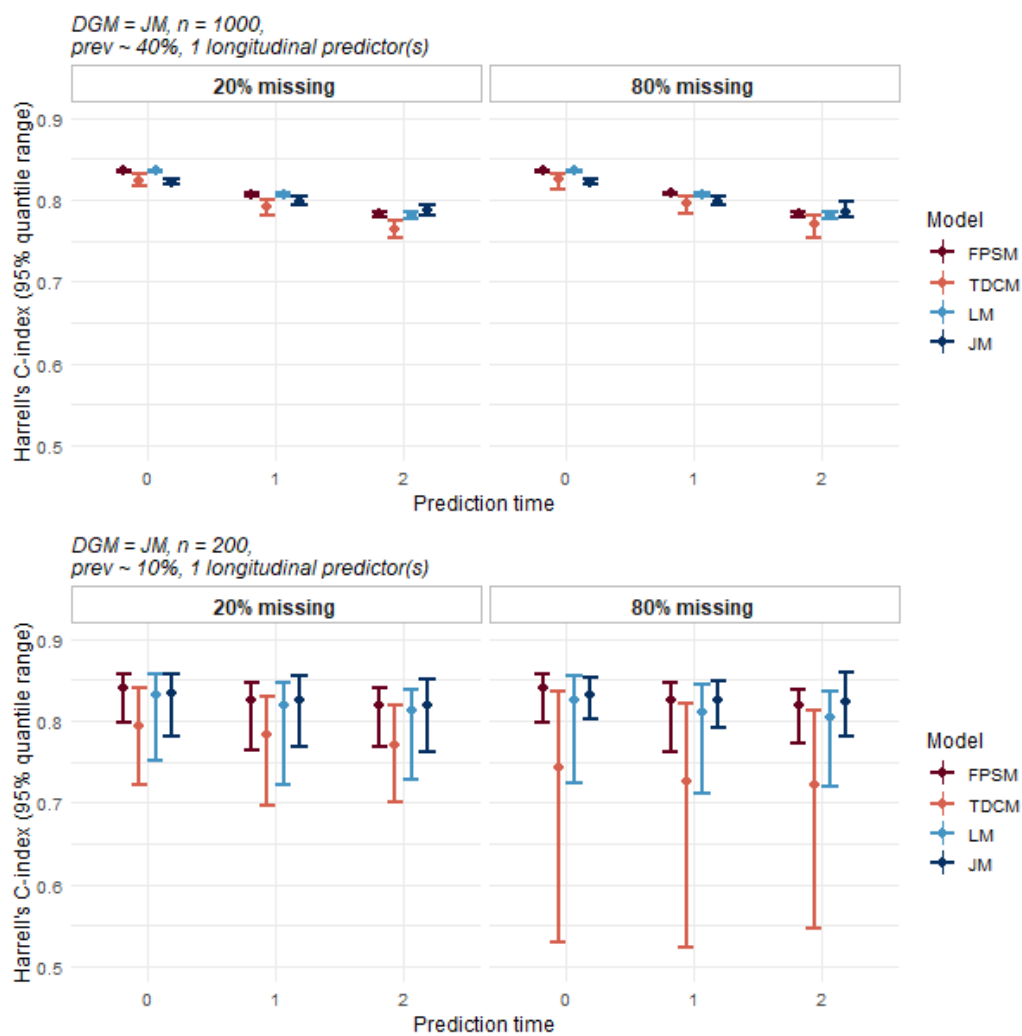


Figure 11: Exploring how Harrell's C-index (Discrimination) was influenced by **follow-up missingness**.

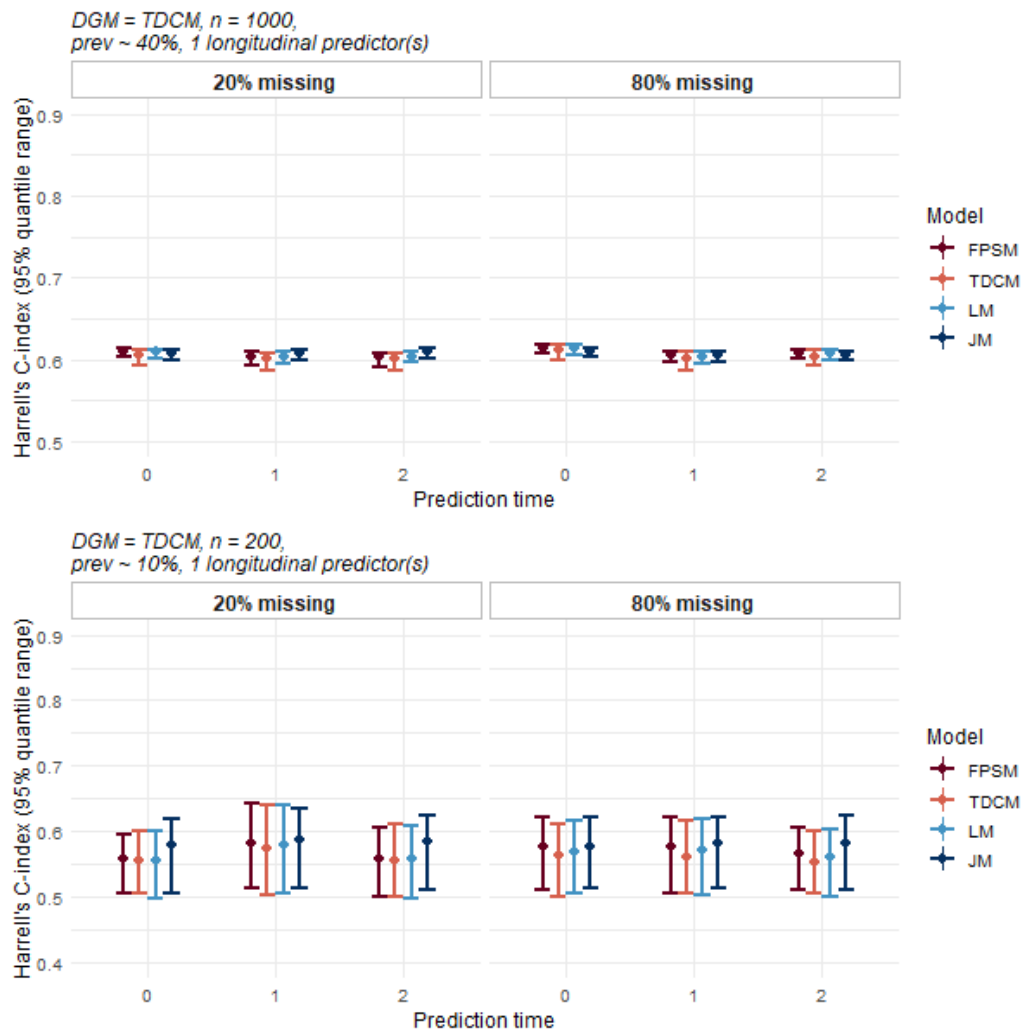


Figure 12: Exploring how Harrell's C-index (Discrimination) was influenced by **follow-up missingness**.

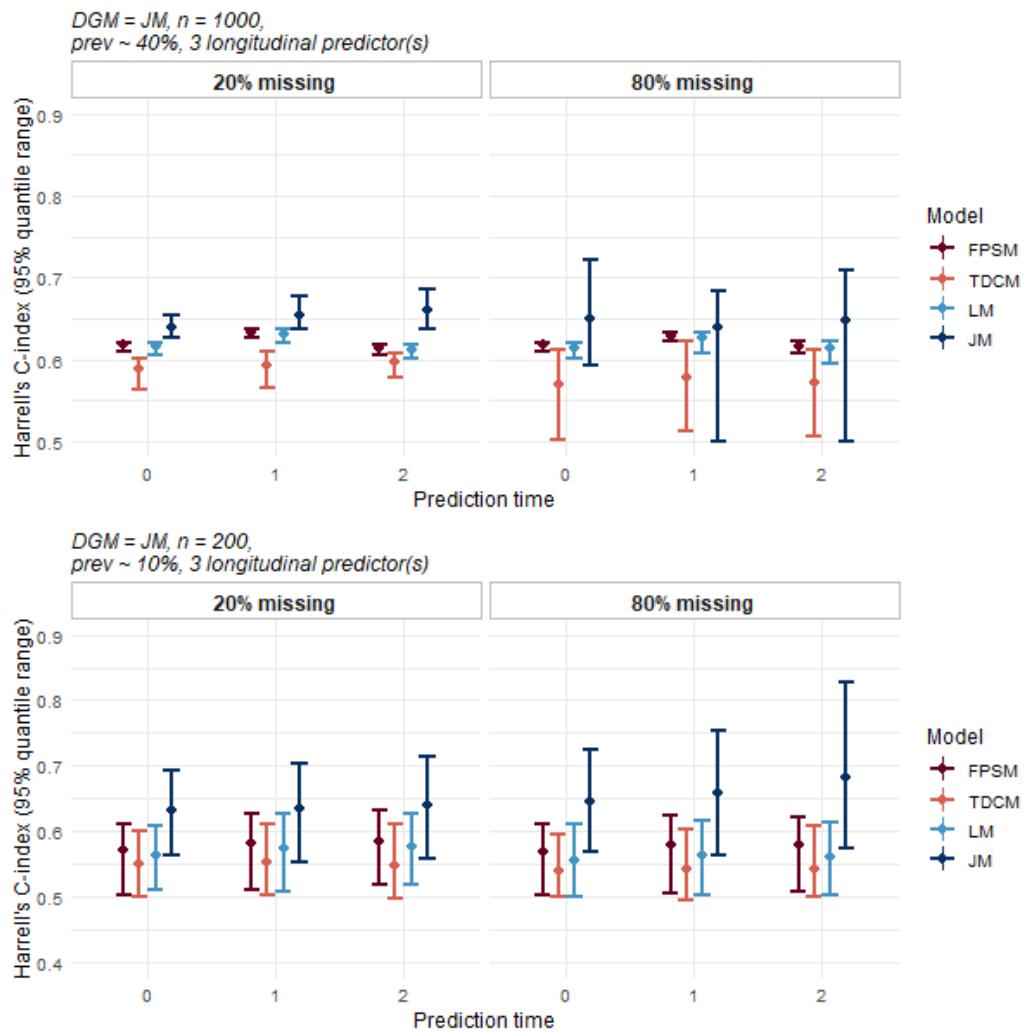


Figure 13: Exploring how Harrell's C-index (Discrimination) was influenced by **follow-up missingness**.

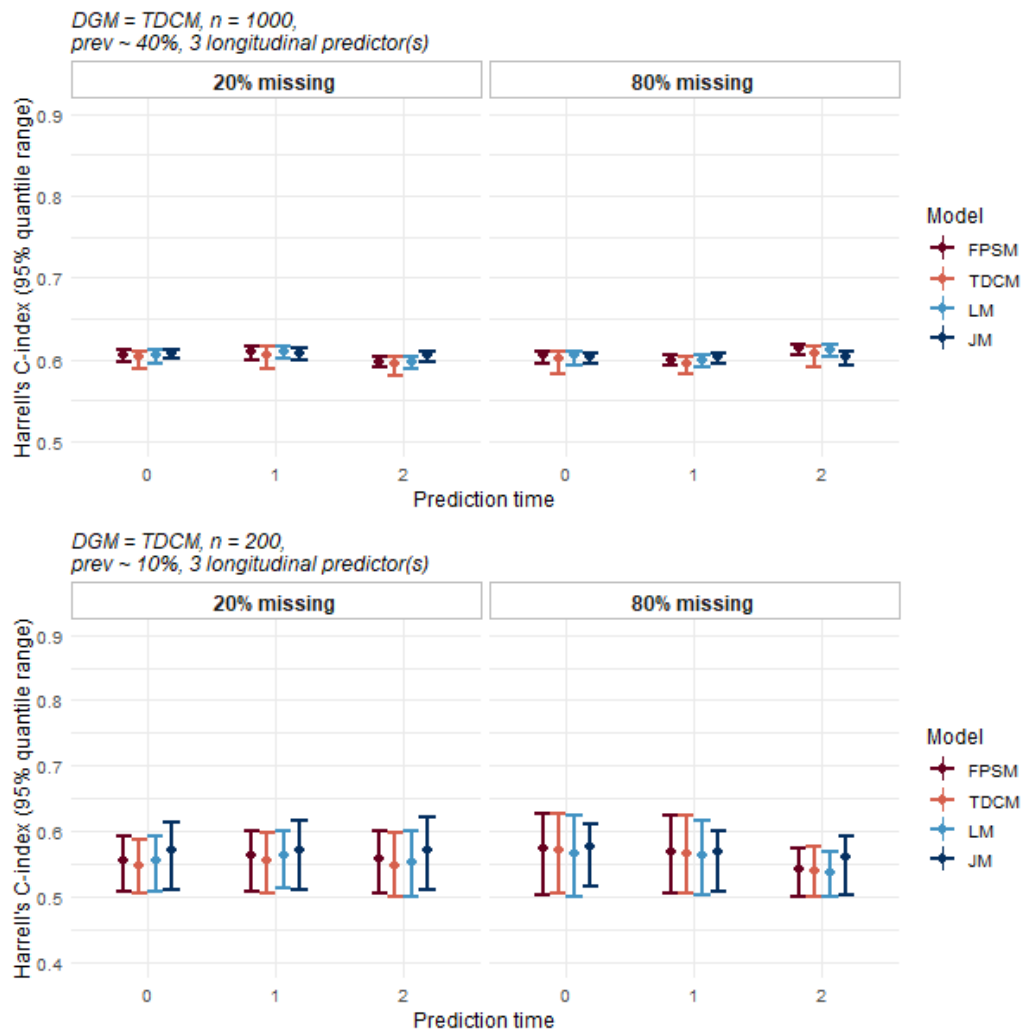


Figure 14: Exploring how Harrell's C-index (Discrimination) was influenced by **follow-up missingness**.

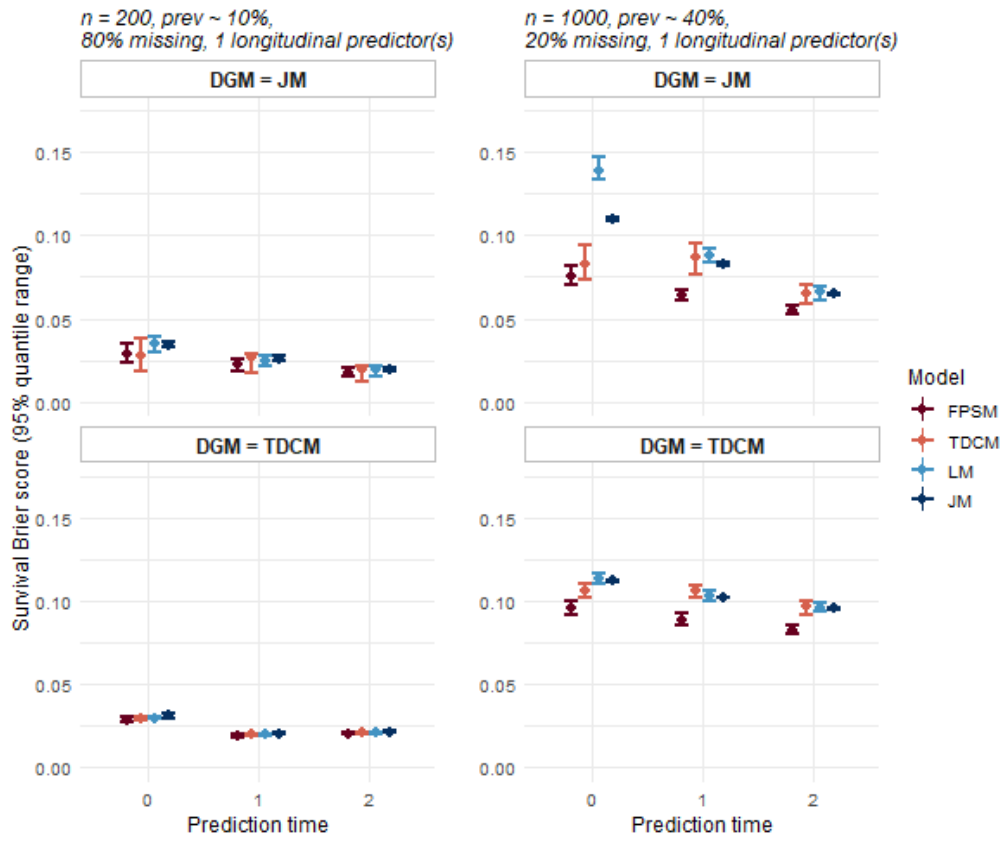


Figure 15: Survival Brier Score (Overall performance) estimated for models fitted under contrasting data generation scenarios.

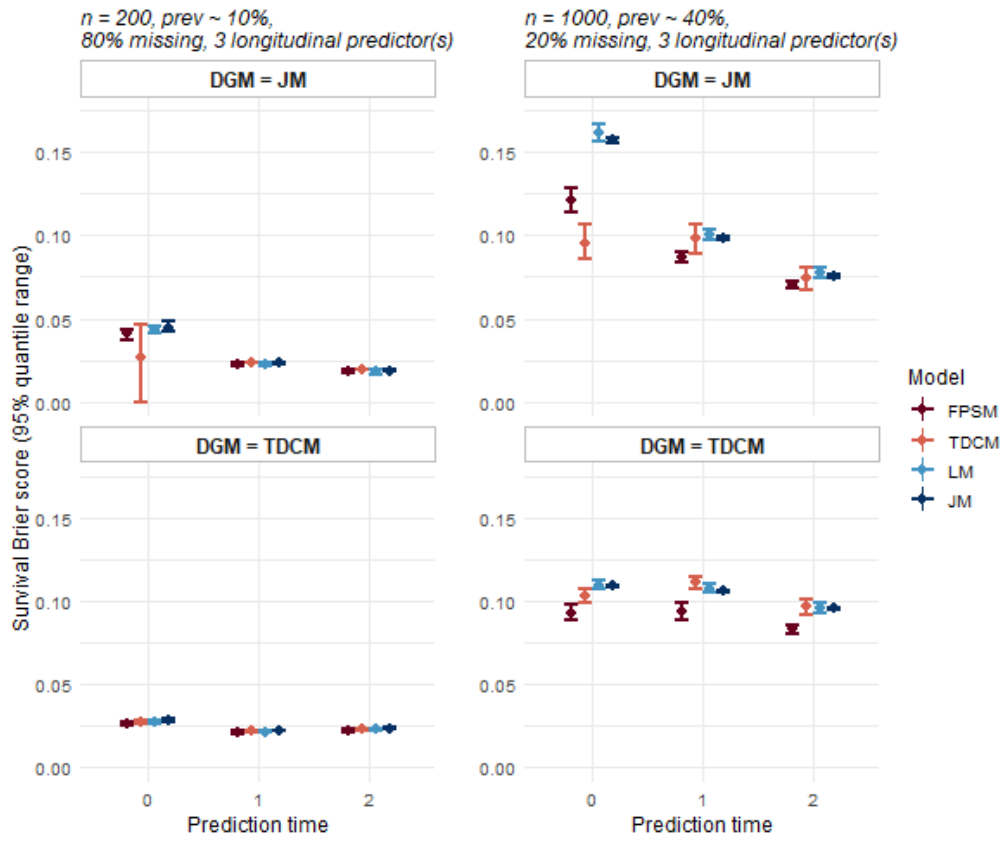


Figure 16: Survival Brier Score (Overall performance) estimated for models fitted under contrasting data generation scenarios.



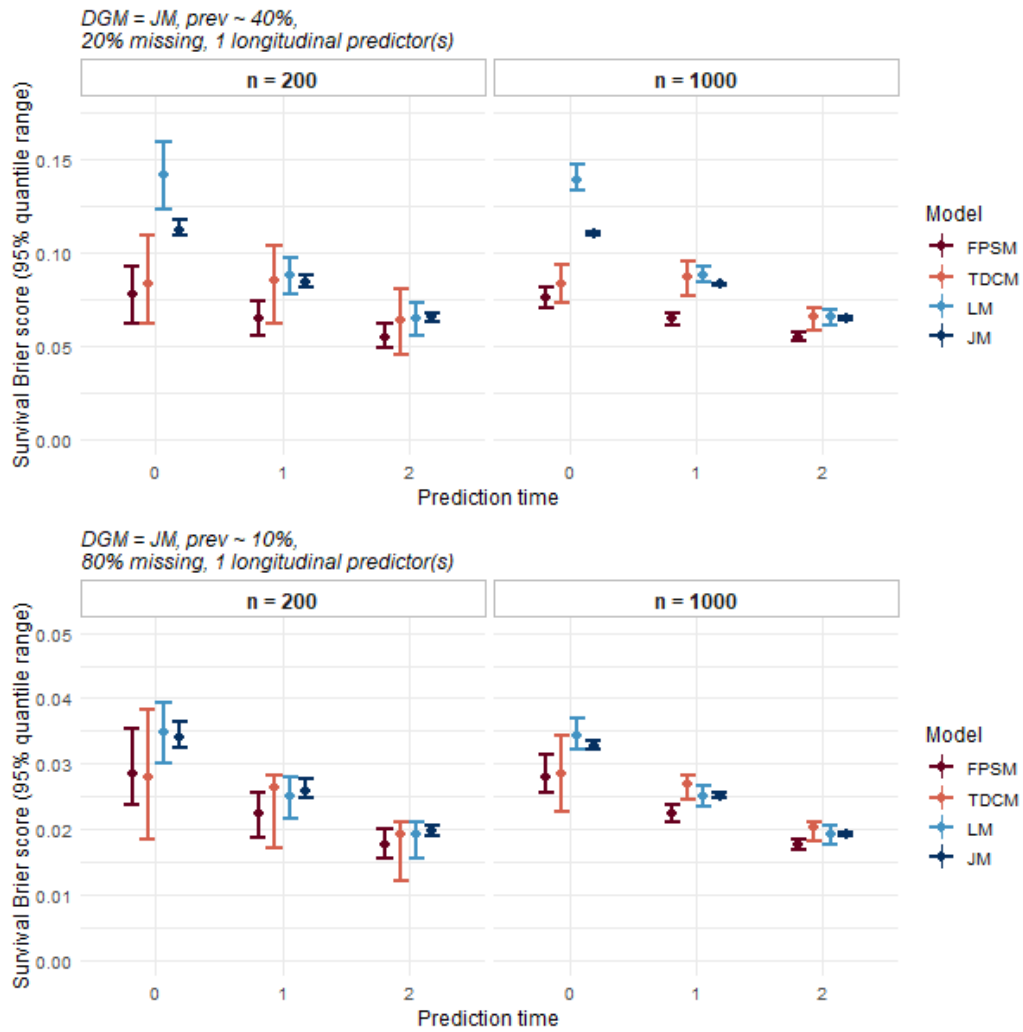


Figure 17: Exploring how the Survival Brier Score (Overall performance) was influenced by **sample size**.

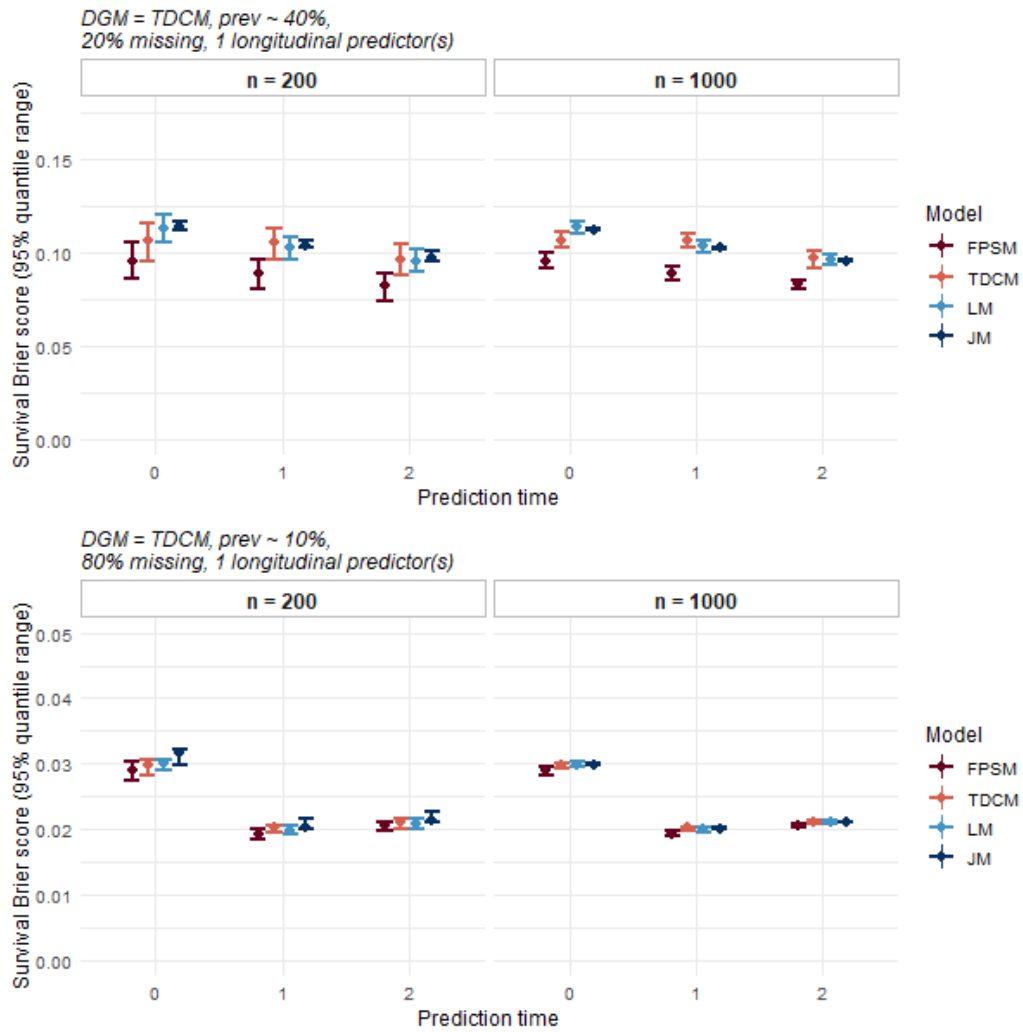


Figure 18: Exploring how the Survival Brier Score (Overall performance) was influenced by **sample size**.

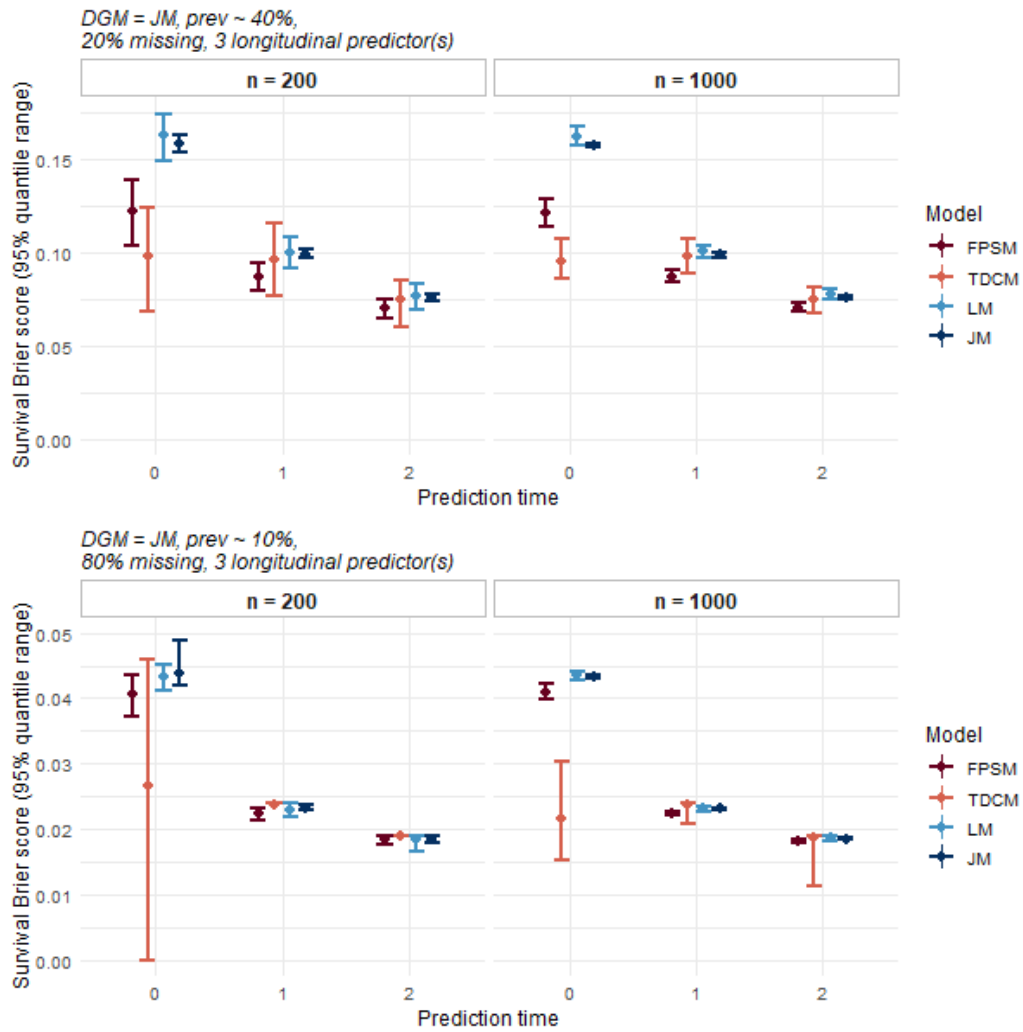


Figure 19: Exploring how the Survival Brier Score (Overall performance) was influenced by **sample size**.

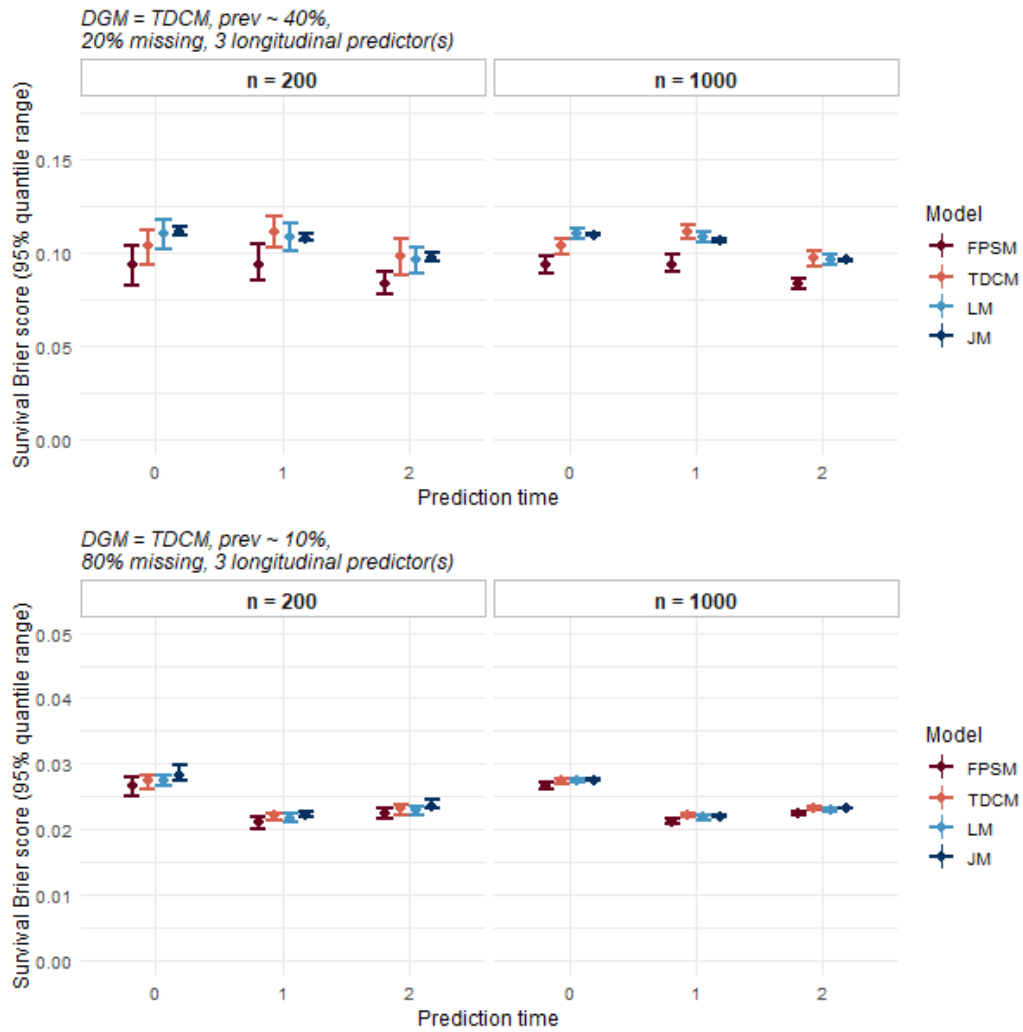


Figure 20: Exploring how the Survival Brier Score (Overall performance) was influenced by **sample size**.

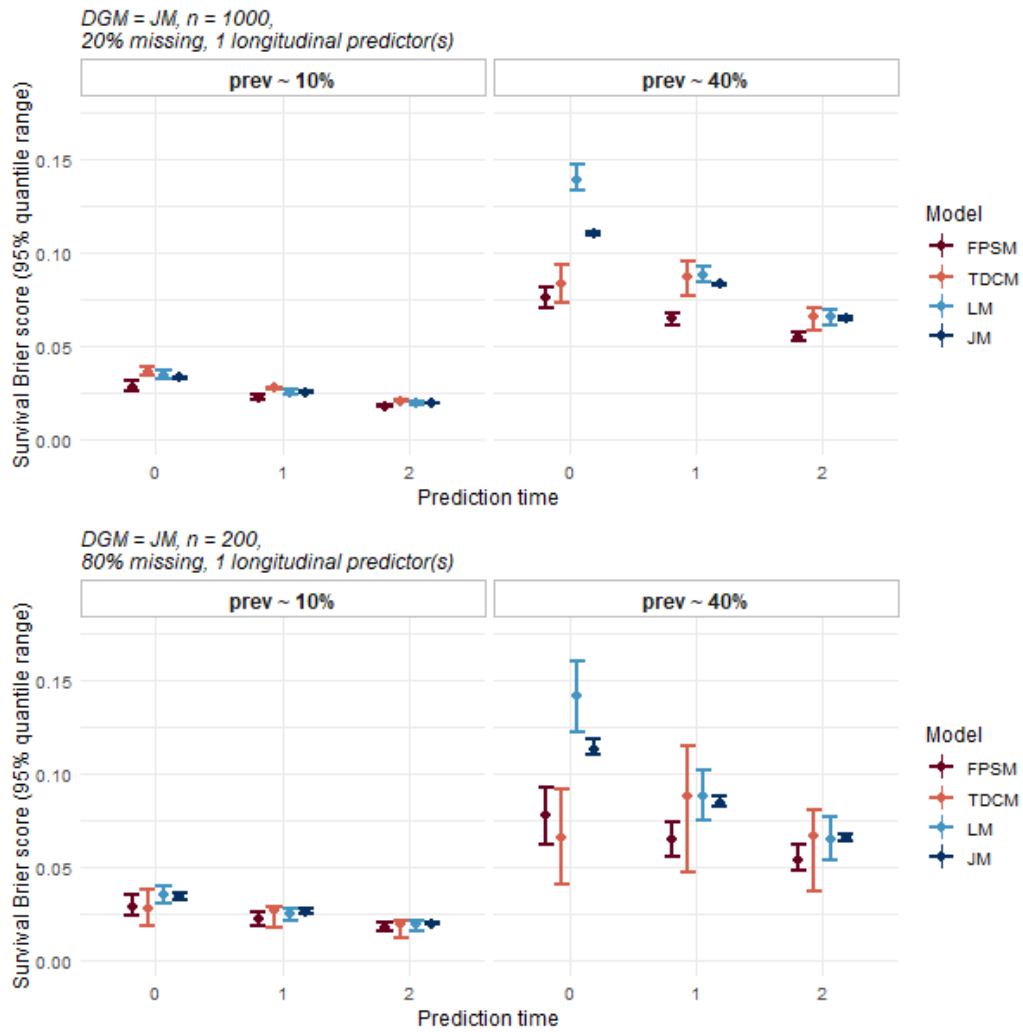


Figure 21: Exploring how the Survival Brier Score (Overall performance) was influenced by **event prevalence**.

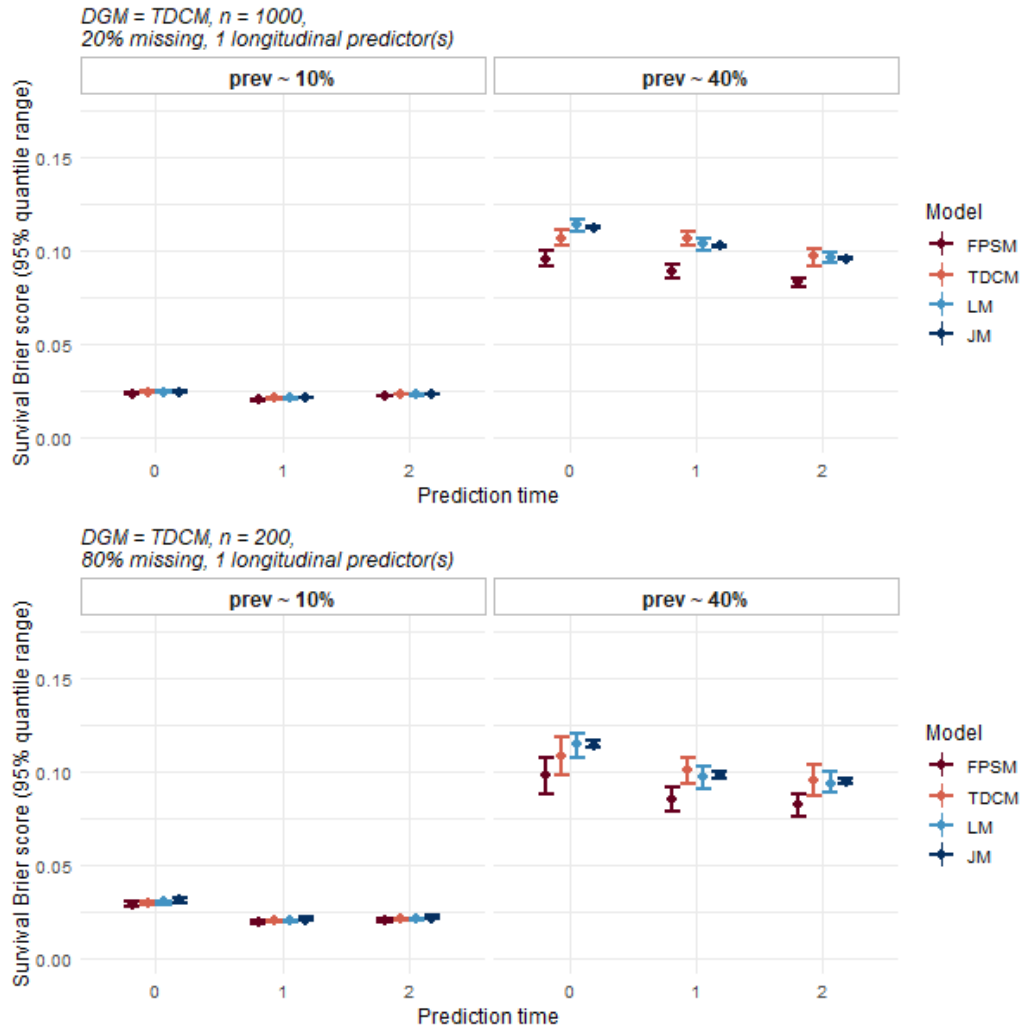


Figure 22: Exploring how the Survival Brier Score (Overall performance) was influenced by **event prevalence**.

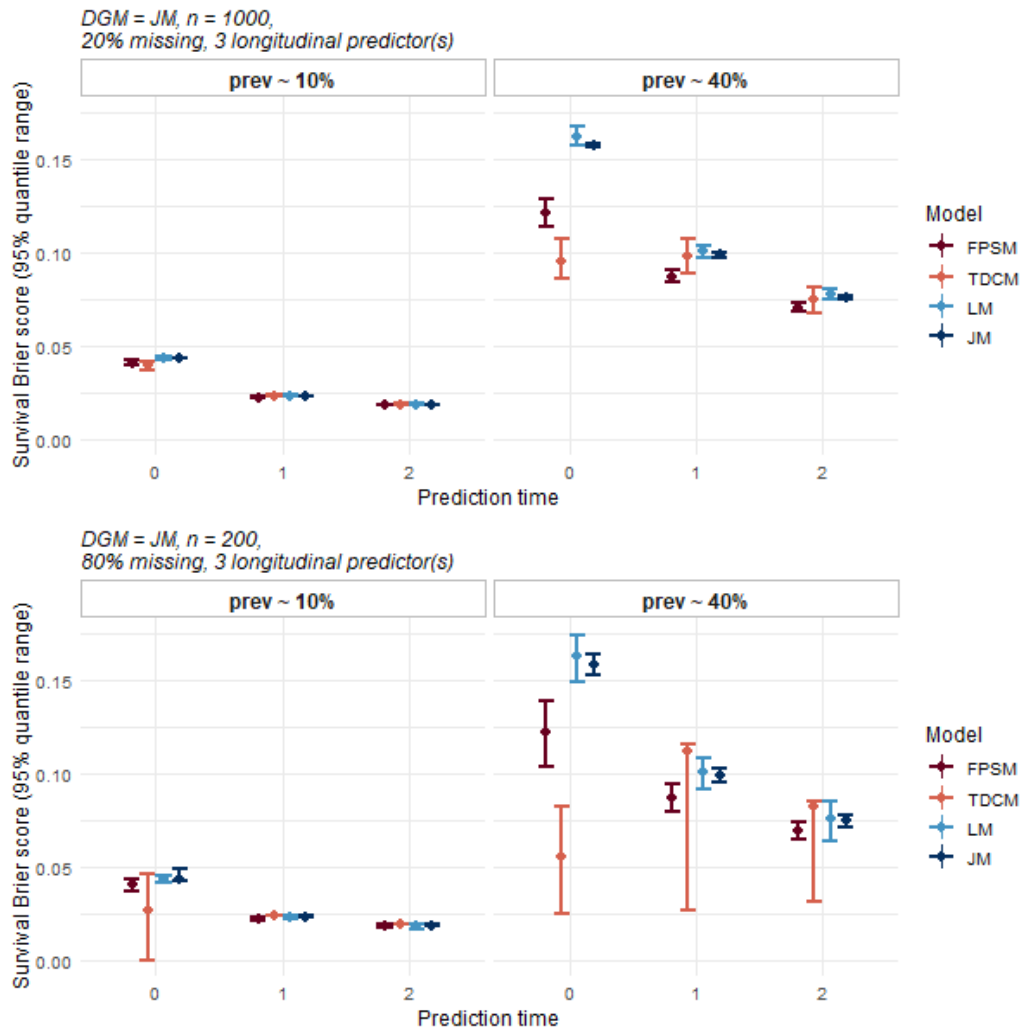


Figure 23: Exploring how the Survival Brier Score (Overall performance) was influenced by **event prevalence**.

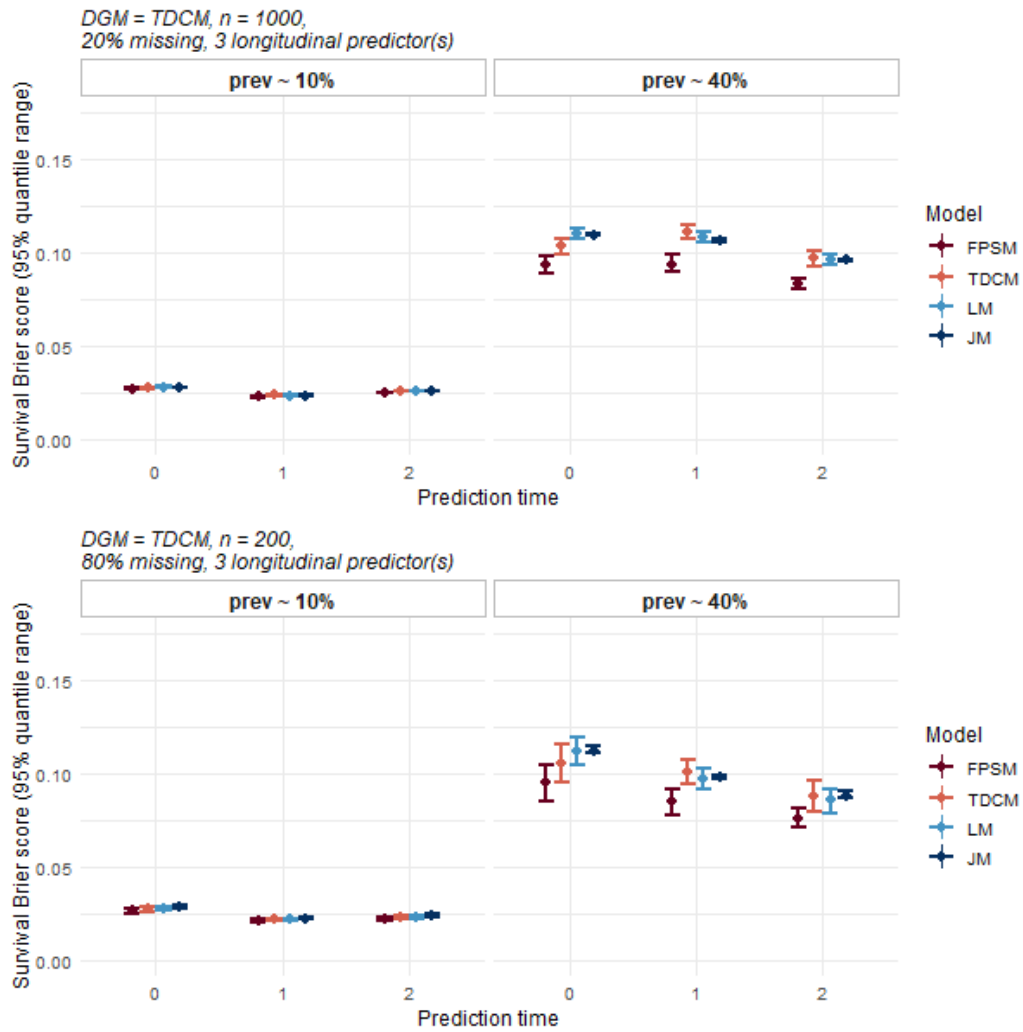


Figure 24: Exploring how the Survival Brier Score (Overall performance) was influenced by **event prevalence**.



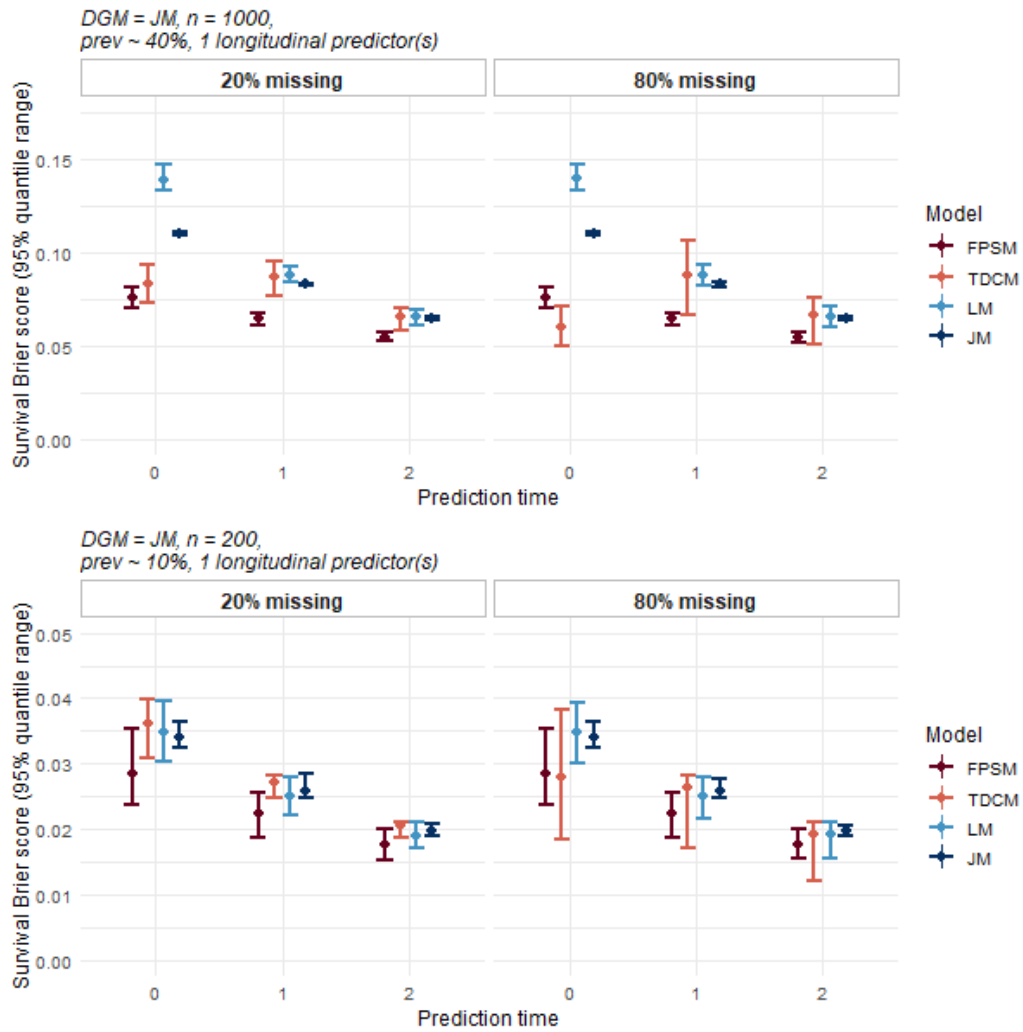


Figure 25: Exploring how the Survival Brier Score (Overall performance) was influenced by **follow-up missingness**.

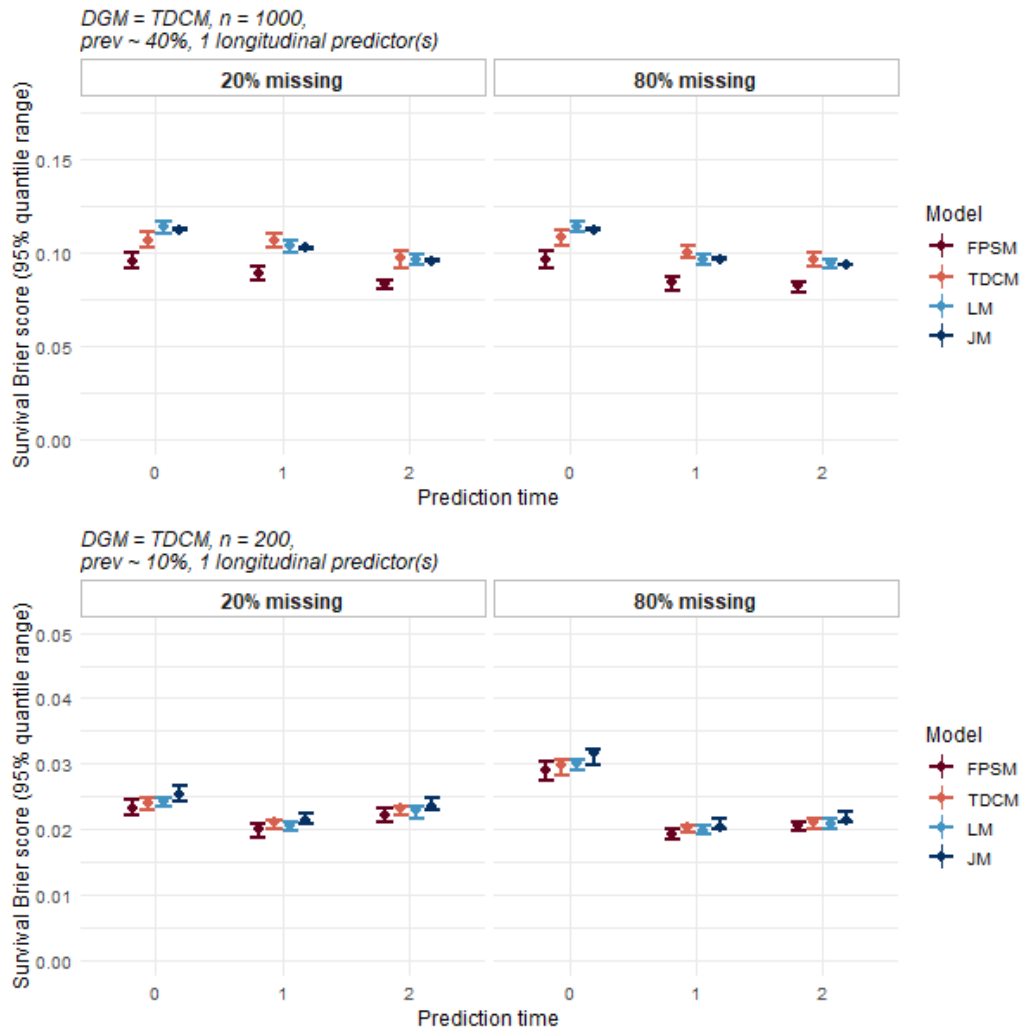


Figure 26: Exploring how the Survival Brier Score (Overall performance) was influenced by **follow-up missingness**.

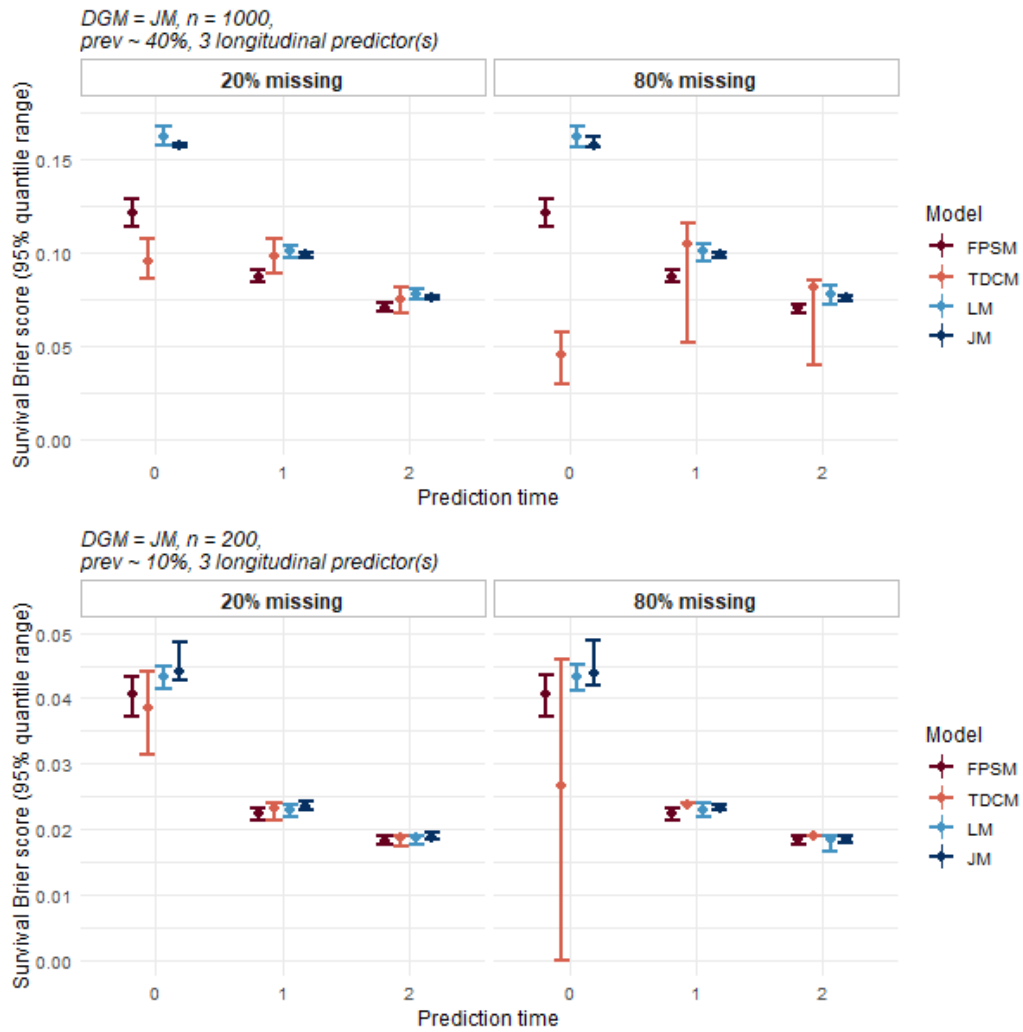


Figure 27: Exploring how the Survival Brier Score (Overall performance) was influenced by **follow-up missingness**.

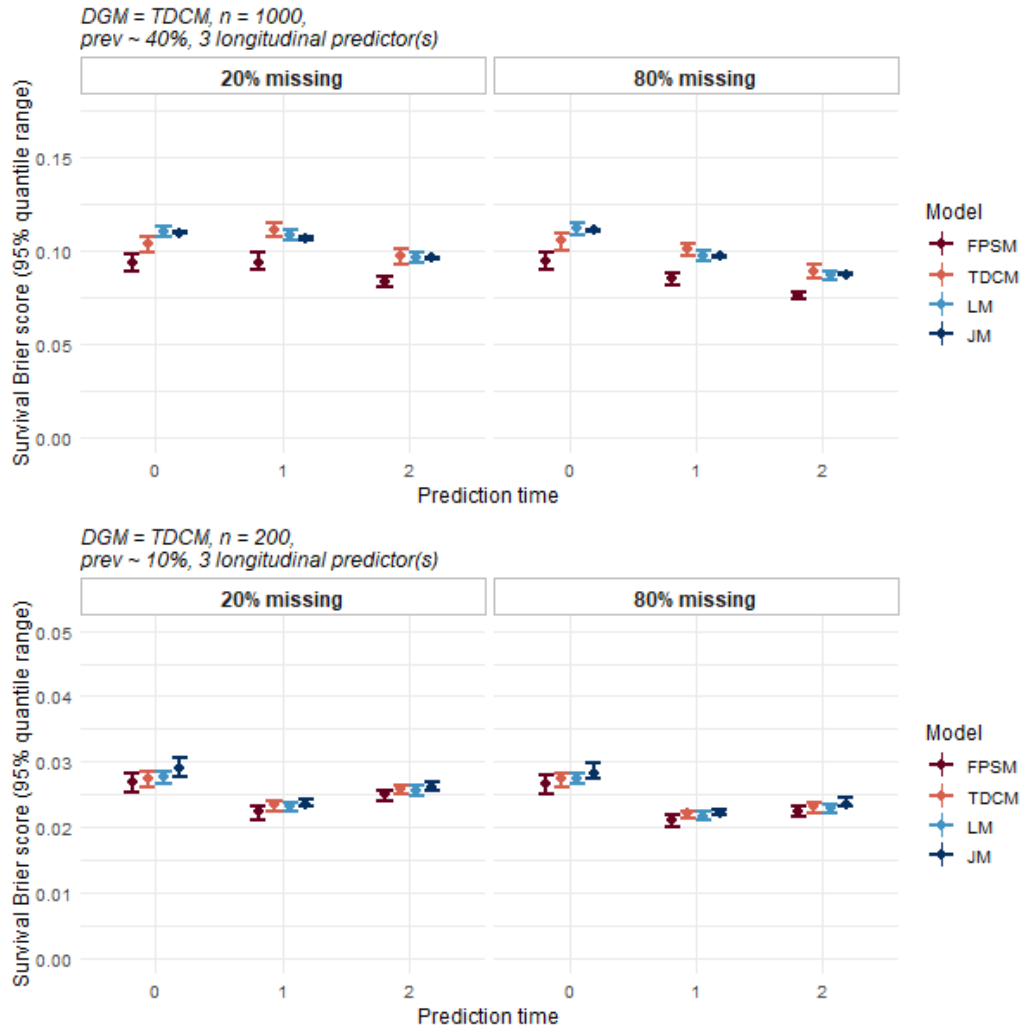


Figure 28: Exploring how the Survival Brier Score (Overall performance) was influenced by **follow-up missingness**.

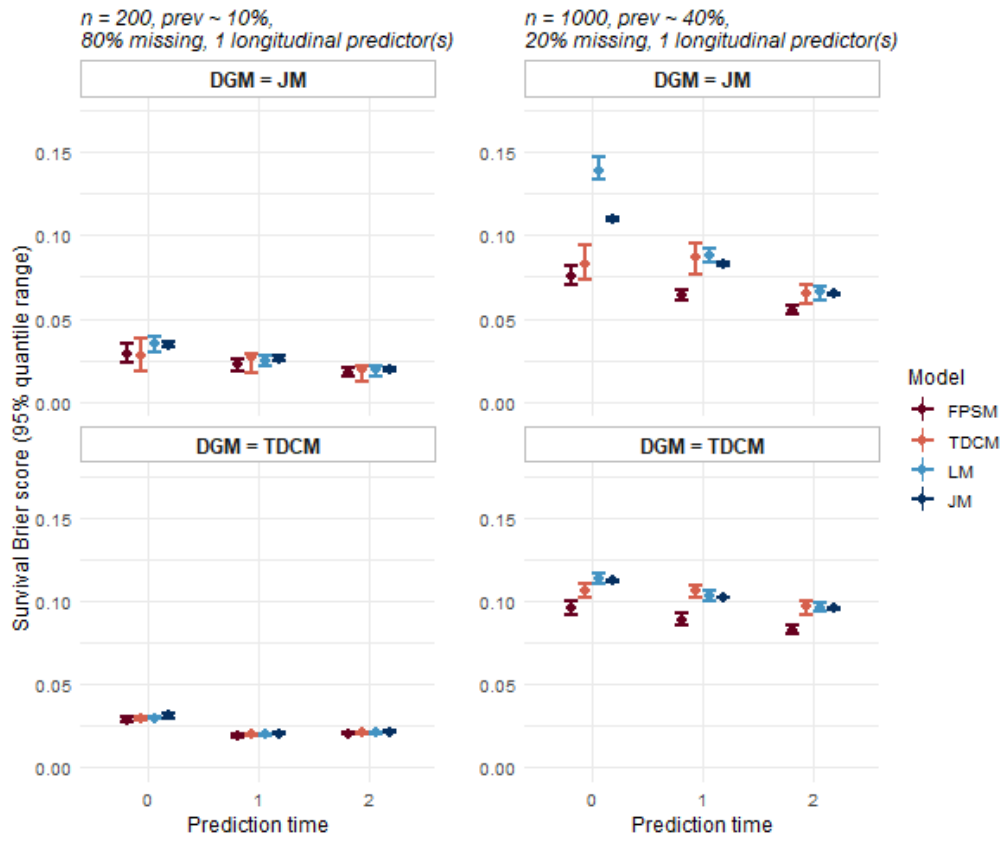


Figure 29: Index of Predictive Accuracy (Overall performance) estimated for models fitted under contrasting data generation scenarios.

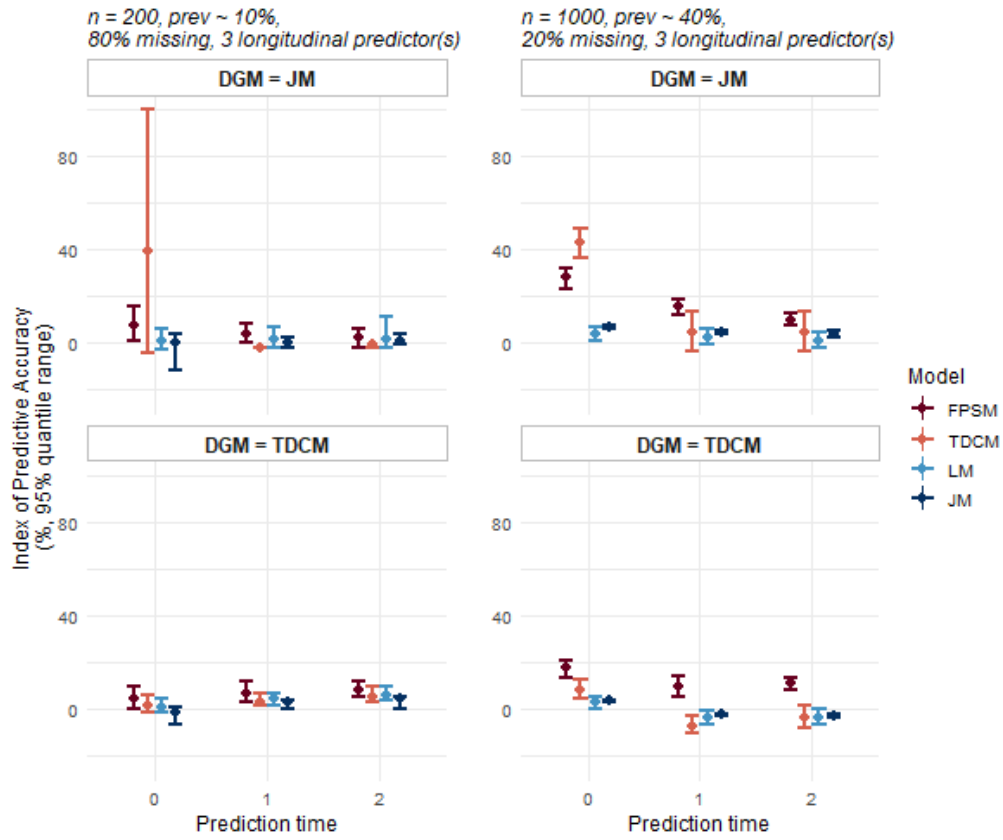


Figure 30: Index of Predictive Accuracy (Overall performance) estimated for models fitted under contrasting data generation scenarios.

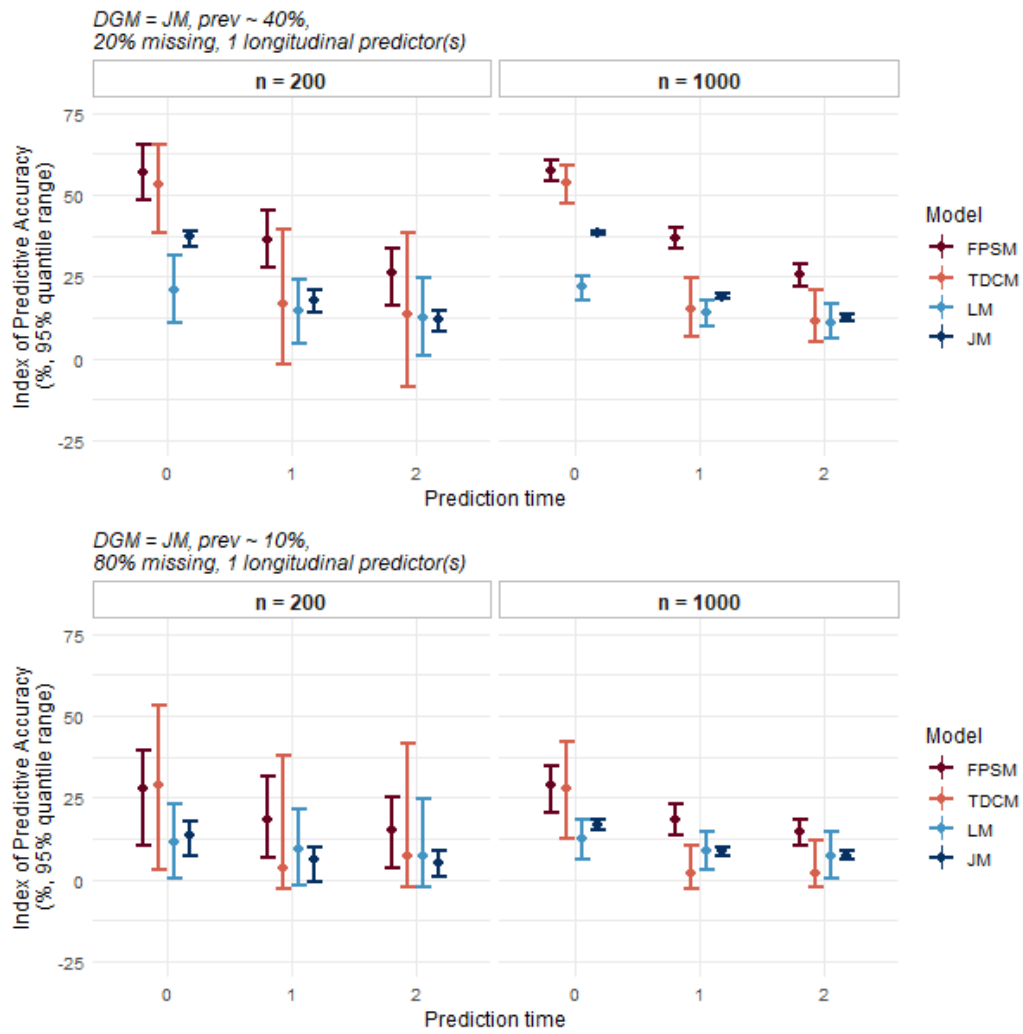


Figure 31: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **sample size**.

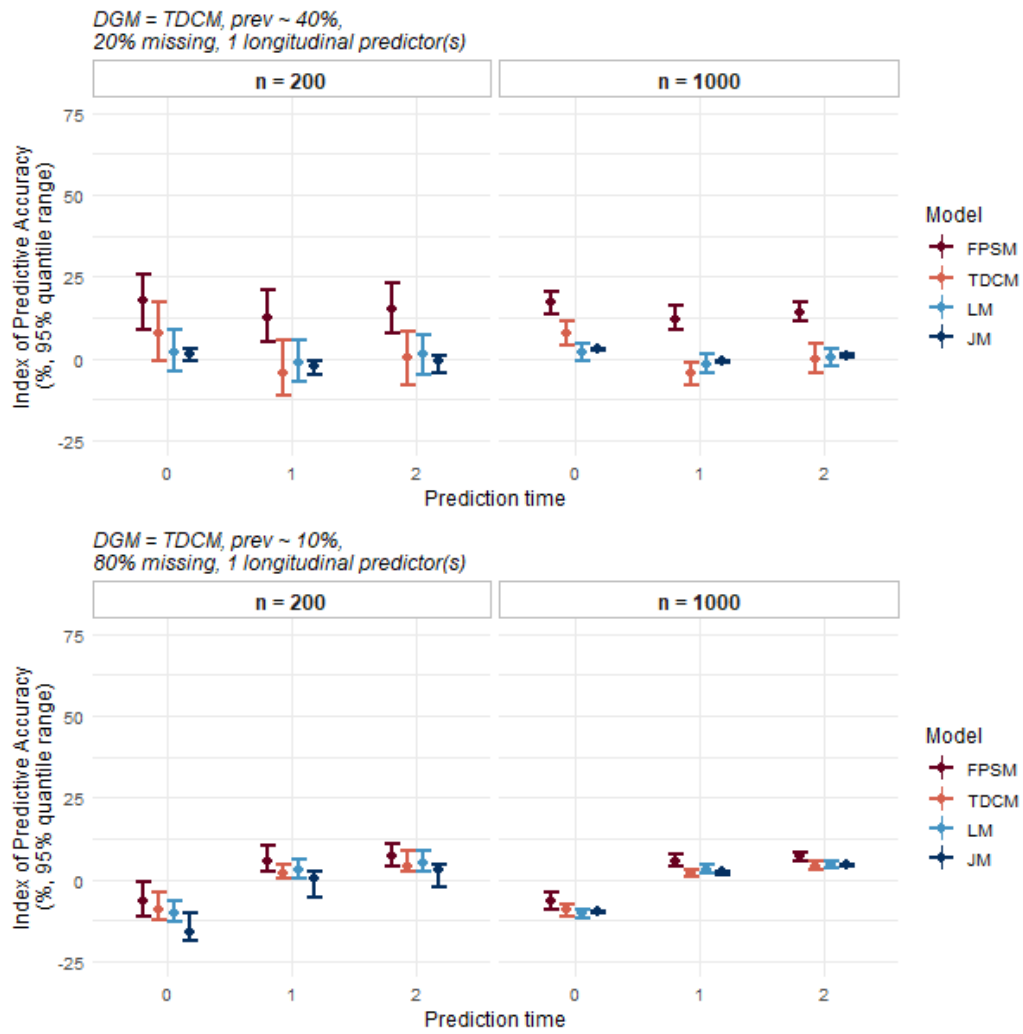


Figure 32: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **sample size**.



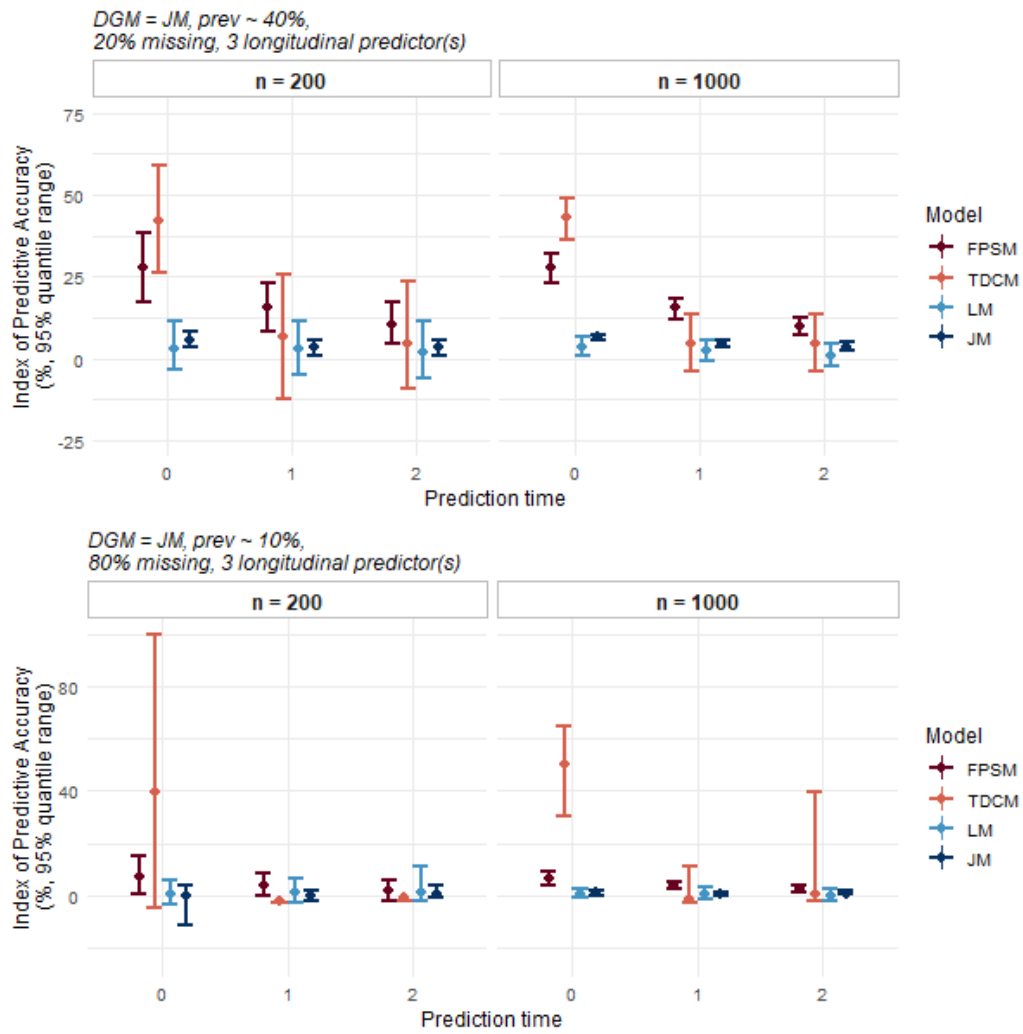


Figure 33: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **sample size**.

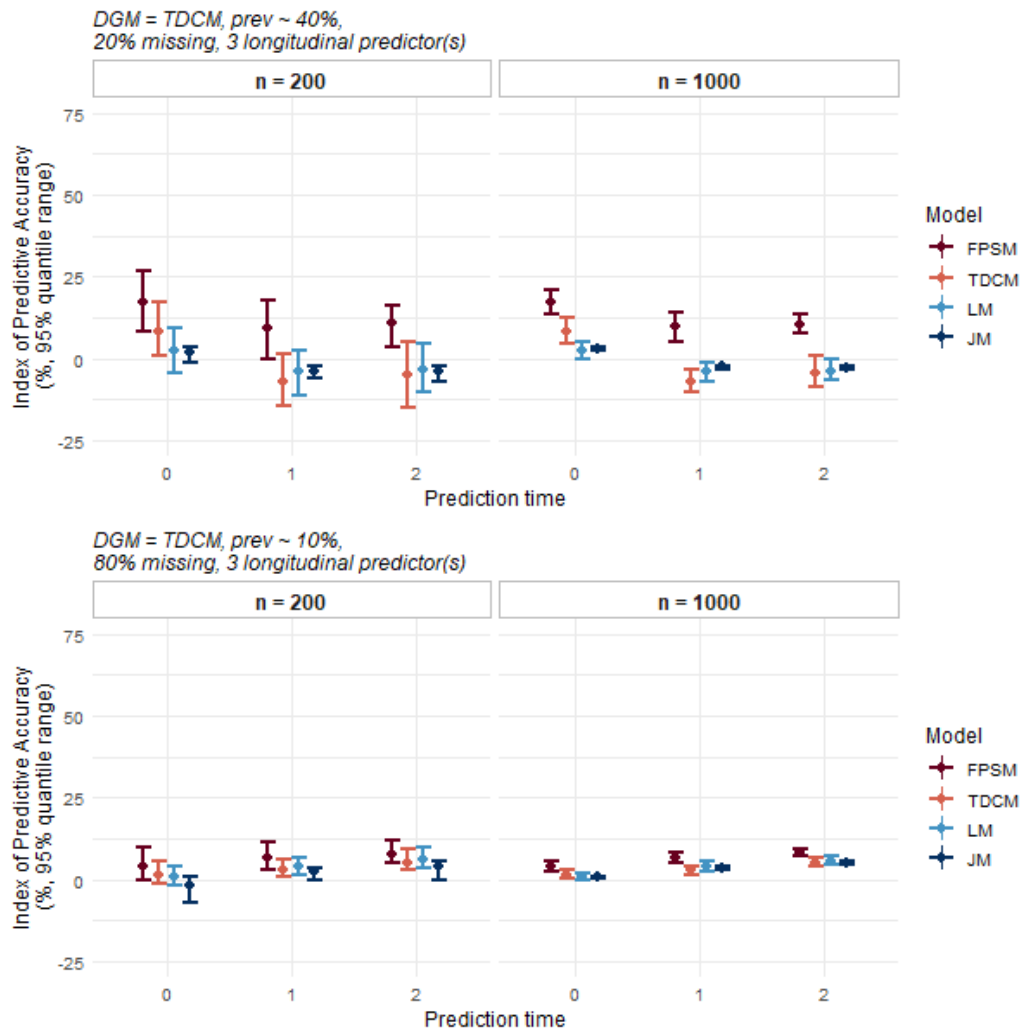


Figure 34: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **sample size**.

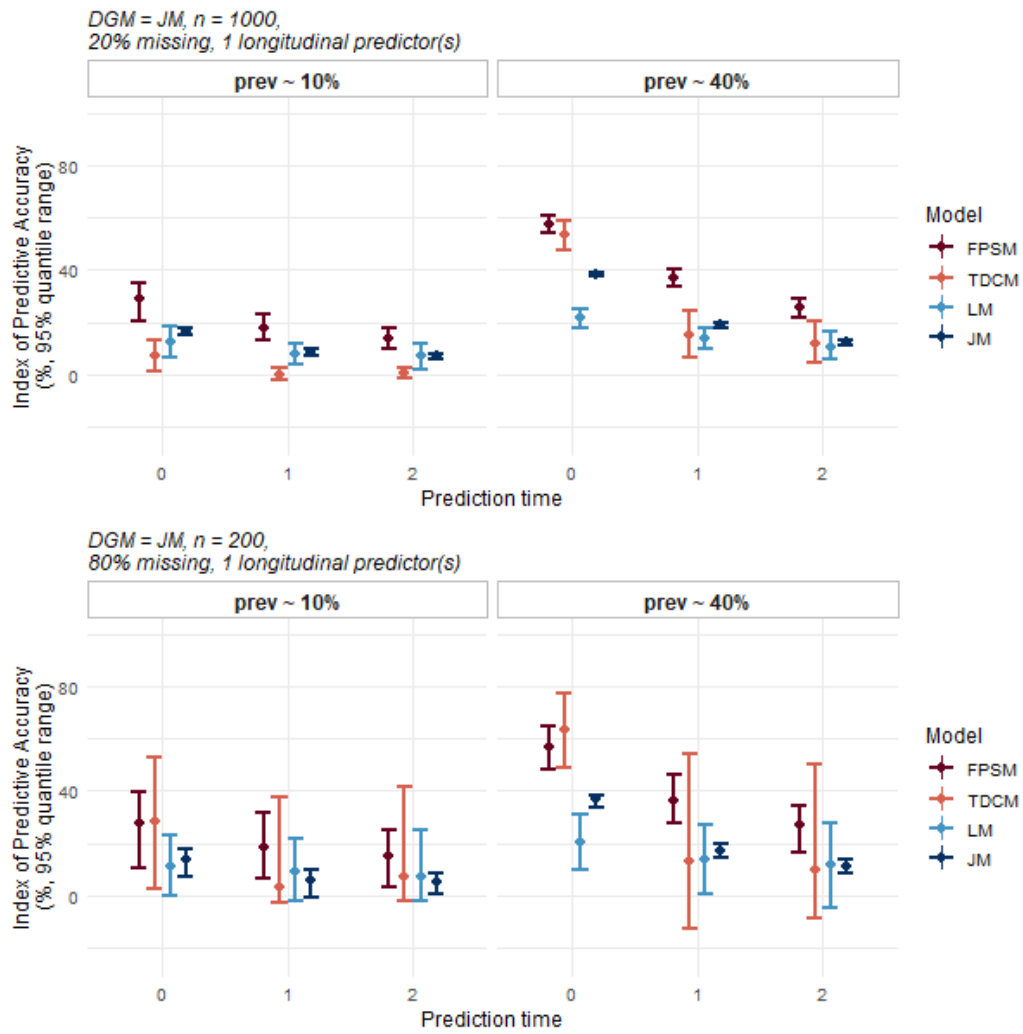


Figure 35: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **event prevalence**.

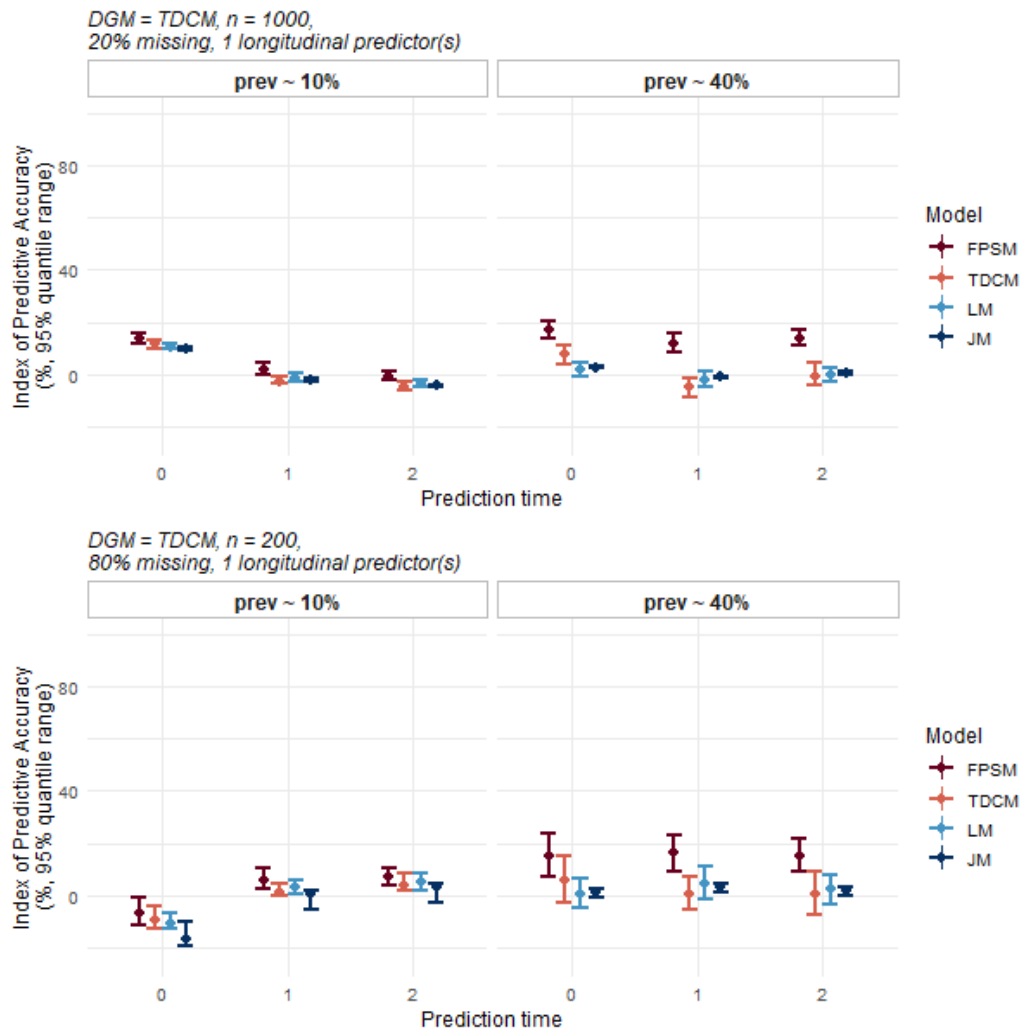


Figure 36: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **event prevalence**.

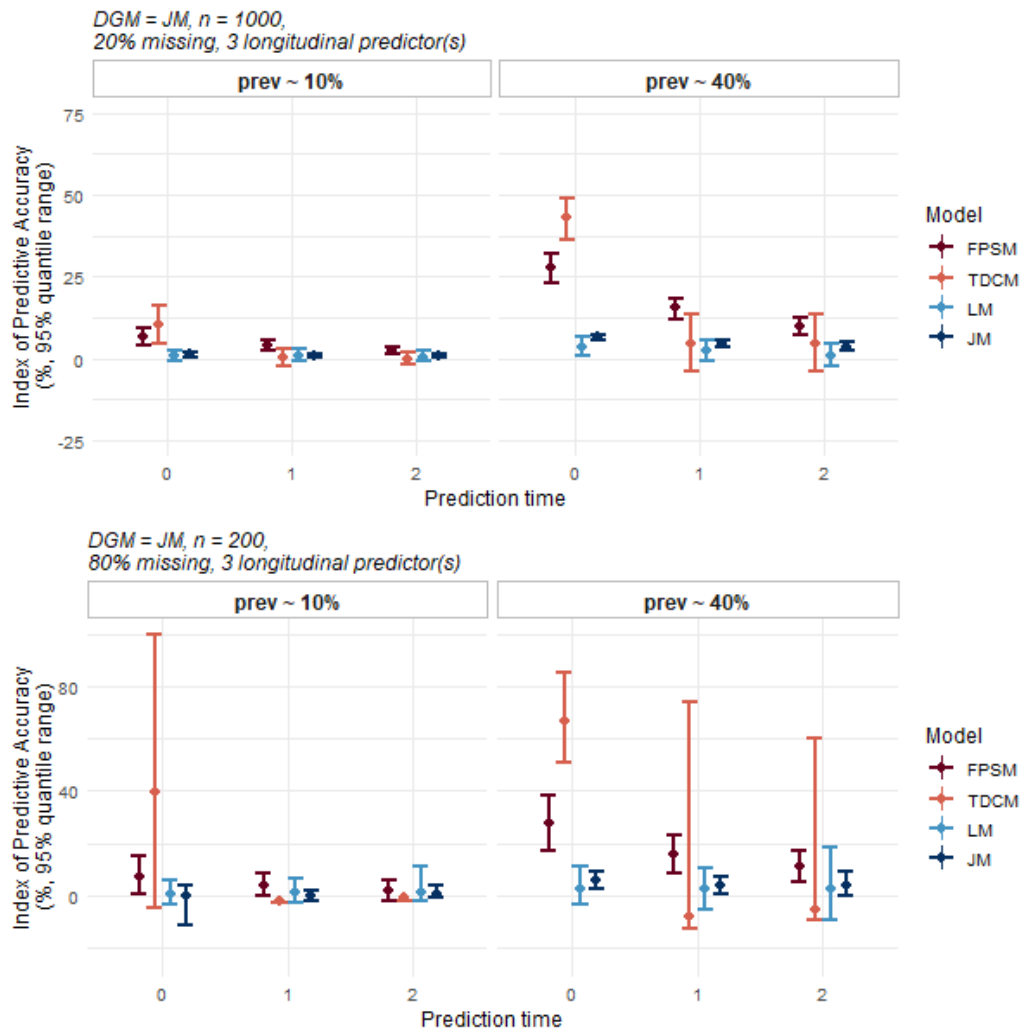


Figure 37: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **event prevalence**.

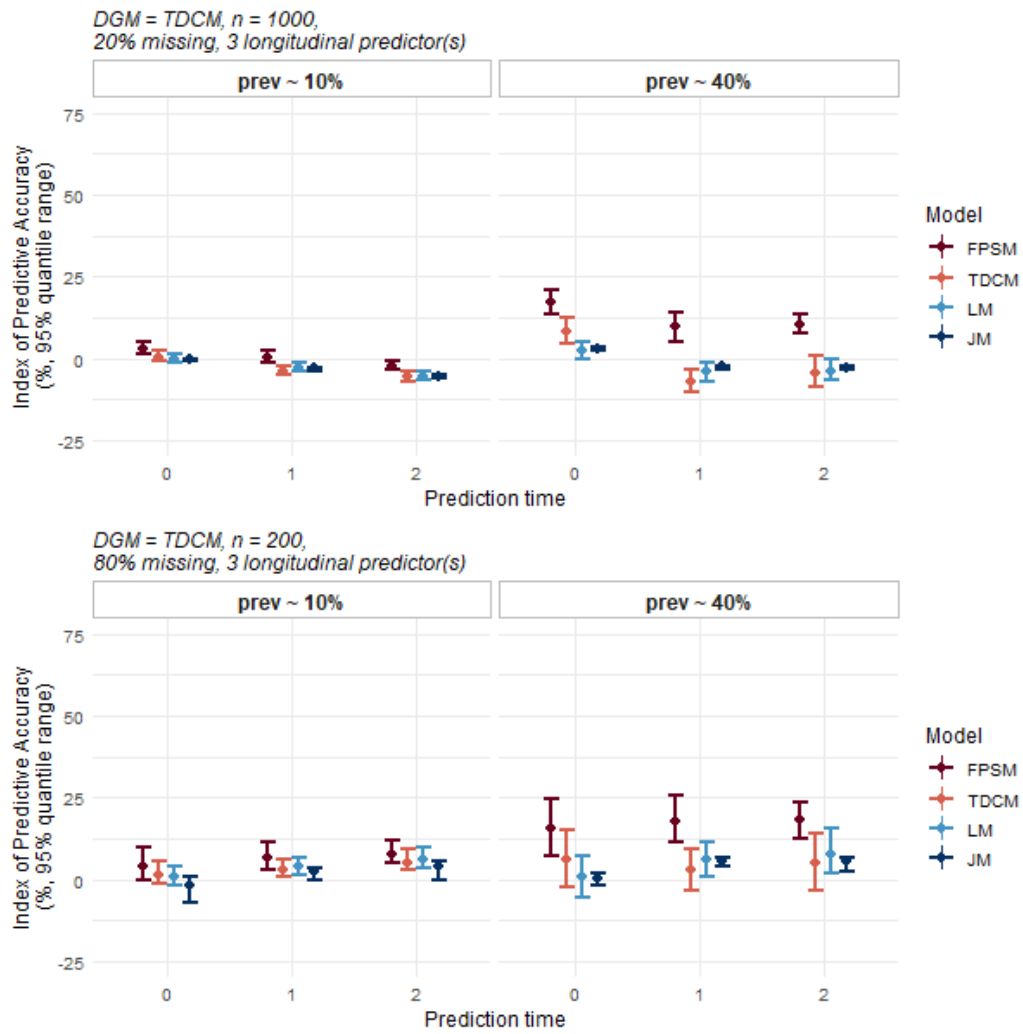


Figure 38: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **event prevalence**.

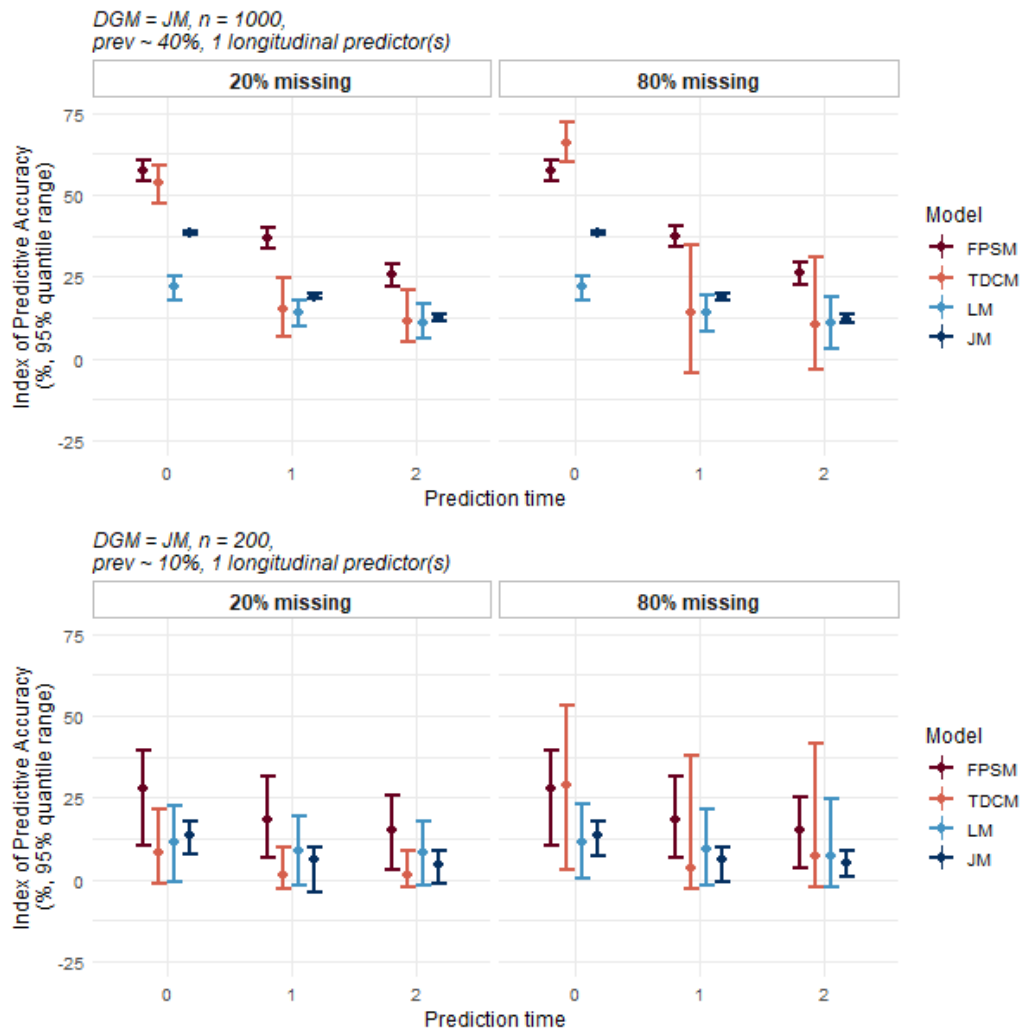


Figure 39: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **follow-up missingness**.

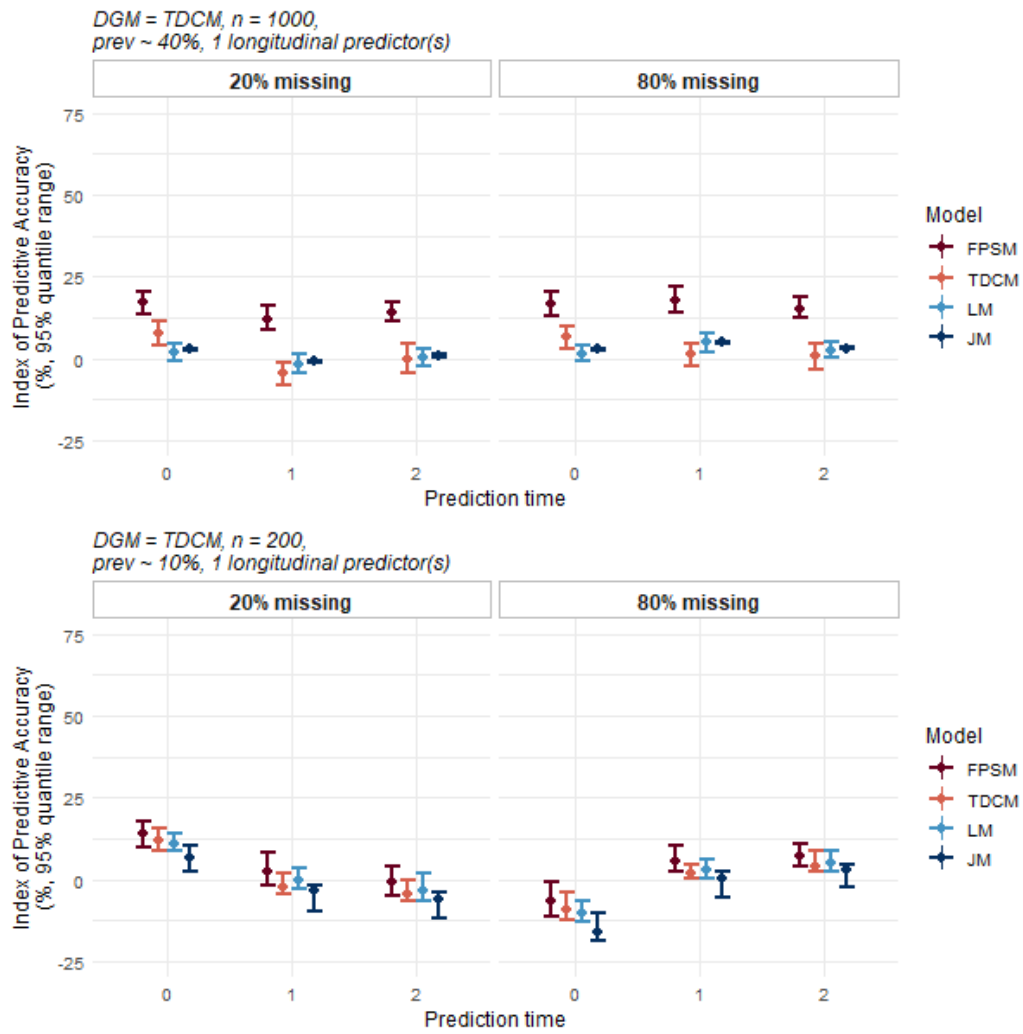


Figure 40: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **follow-up missingness**.



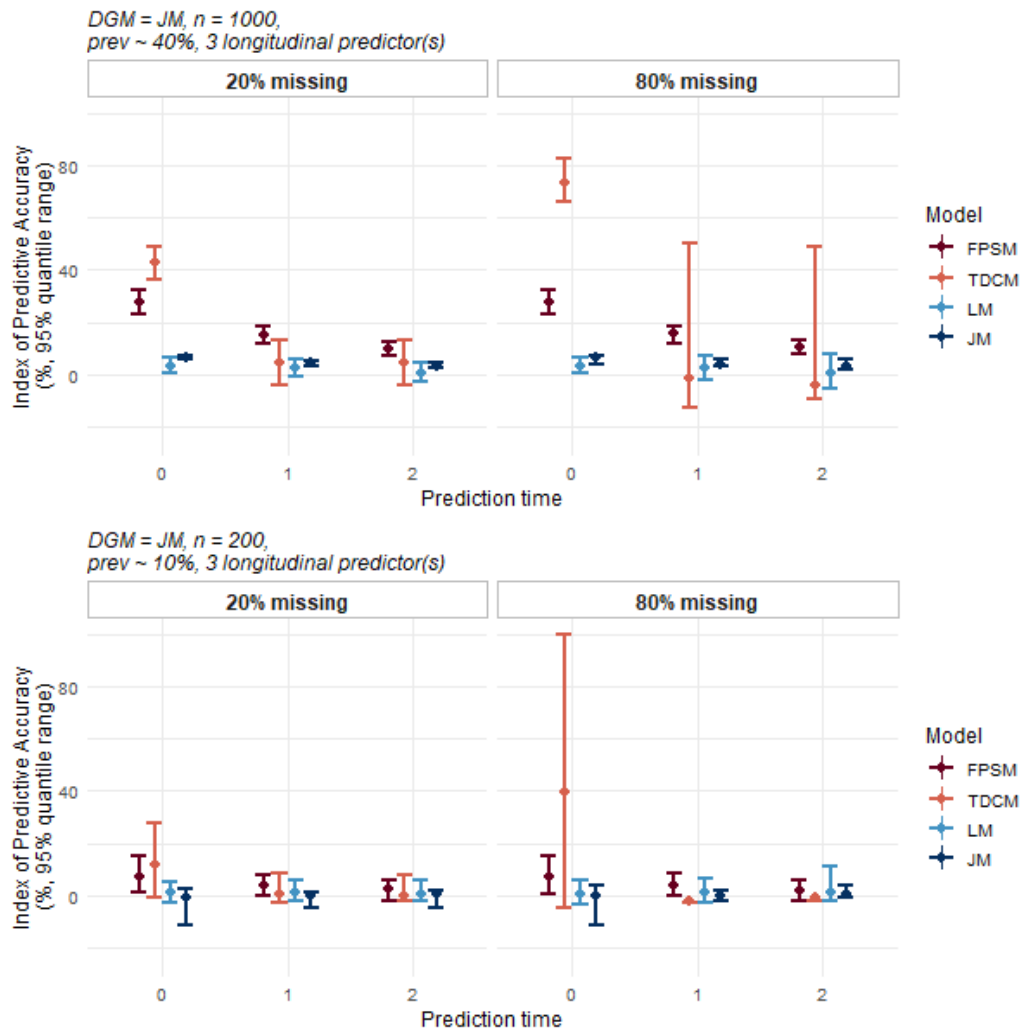


Figure 41: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **follow-up missingness**.

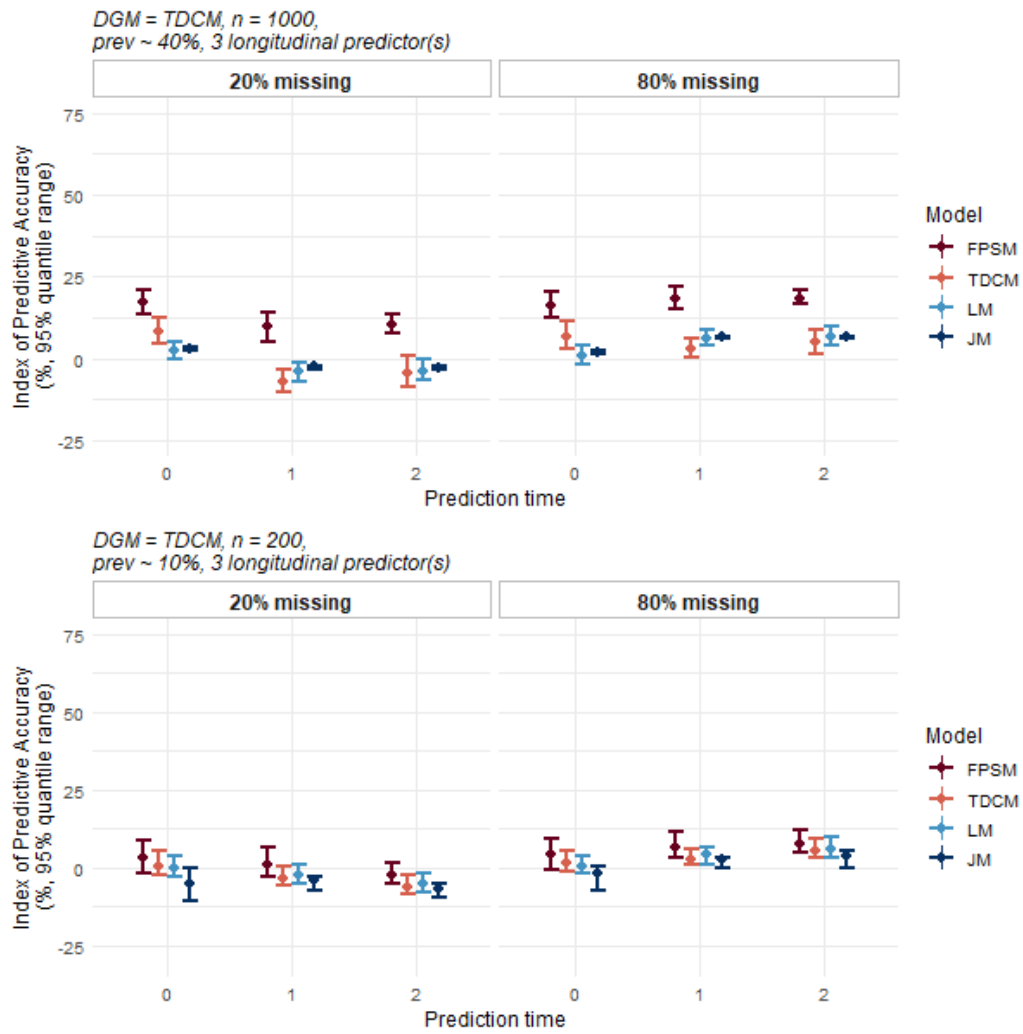


Figure 42: Exploring how the Index of Predictive Accuracy (Overall performance) was influenced by **follow-up missingness**.

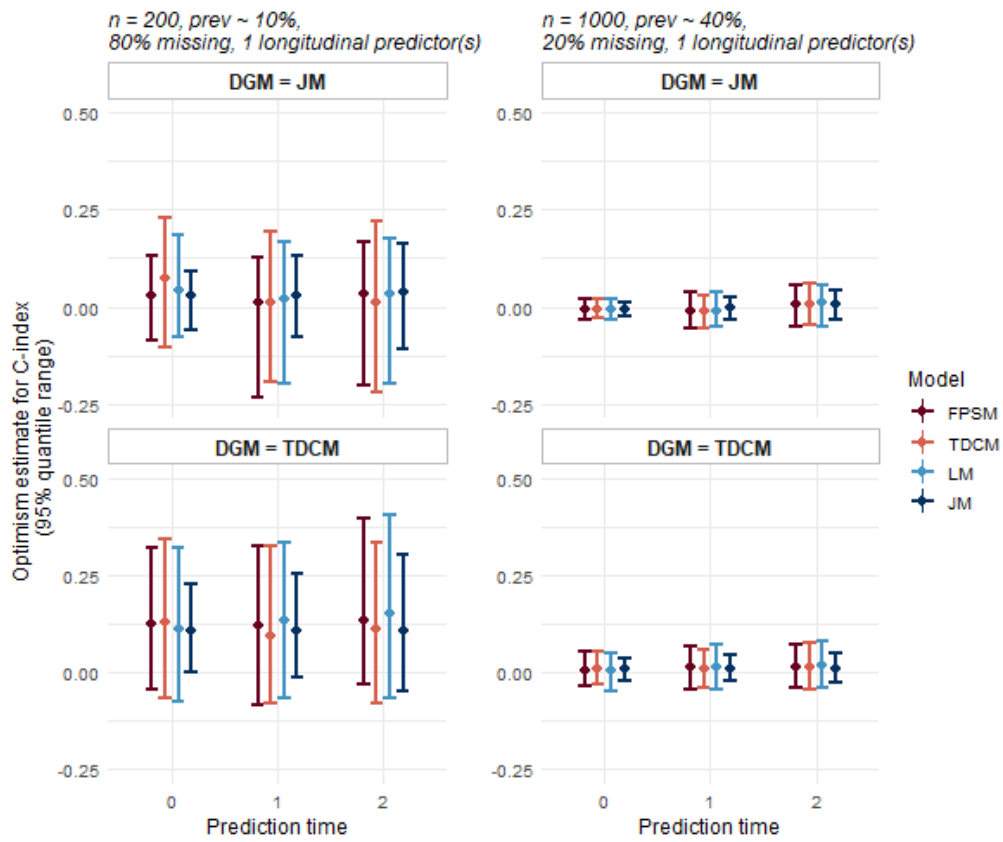


Figure 43: Optimism estimated for Harrell's C-index (Discrimination) under contrasting data generation scenarios.

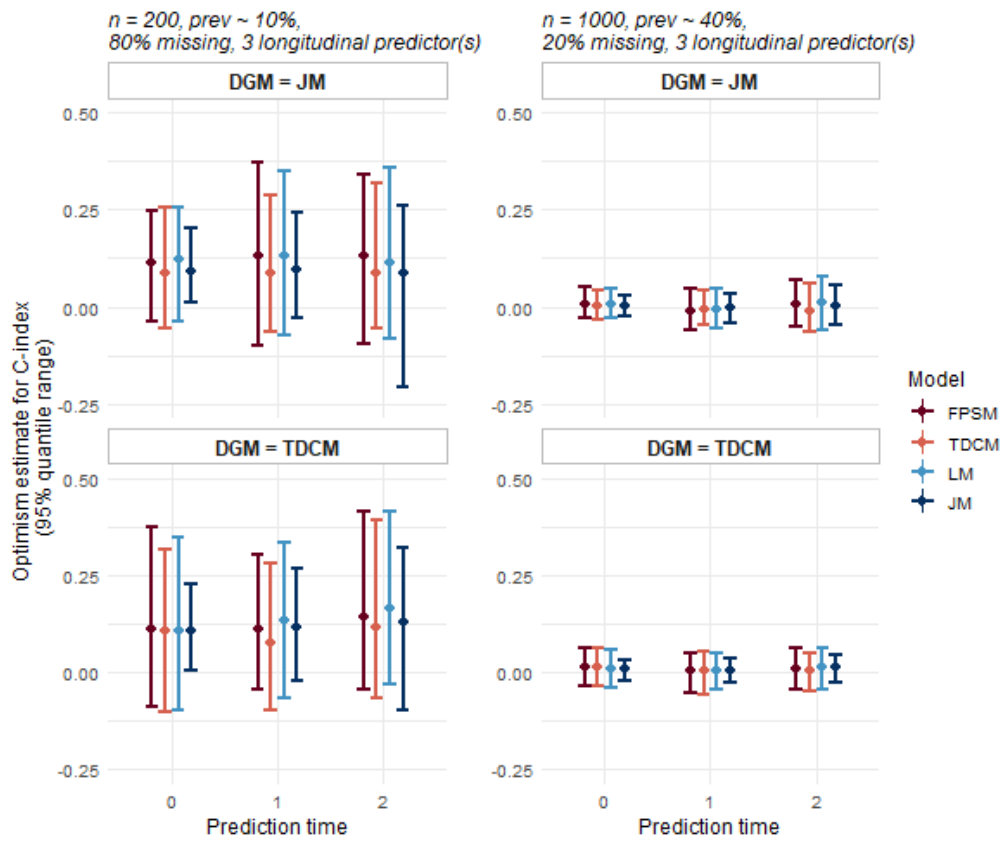


Figure 44: Optimism estimated for Harrell's C-index (Discrimination) under contrasting data generation scenarios.

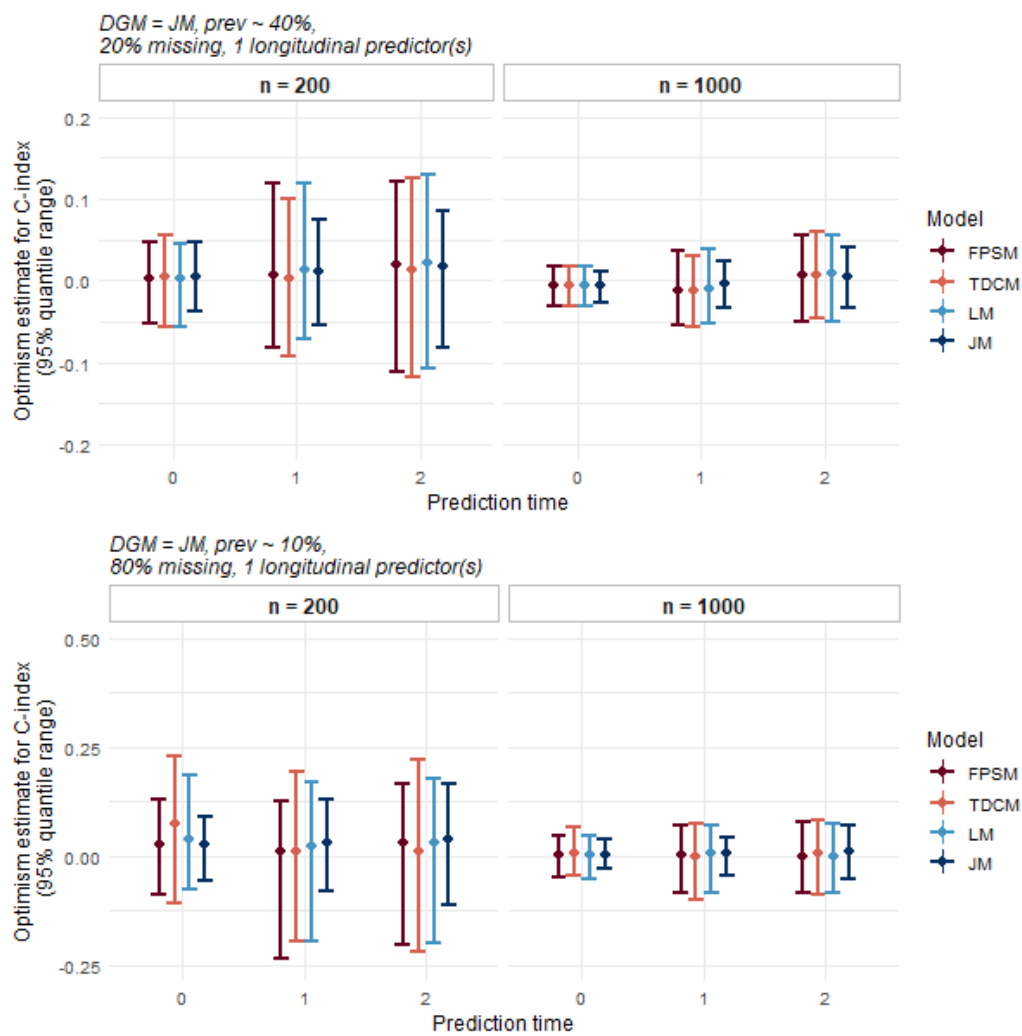


Figure 45: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **sample size**.

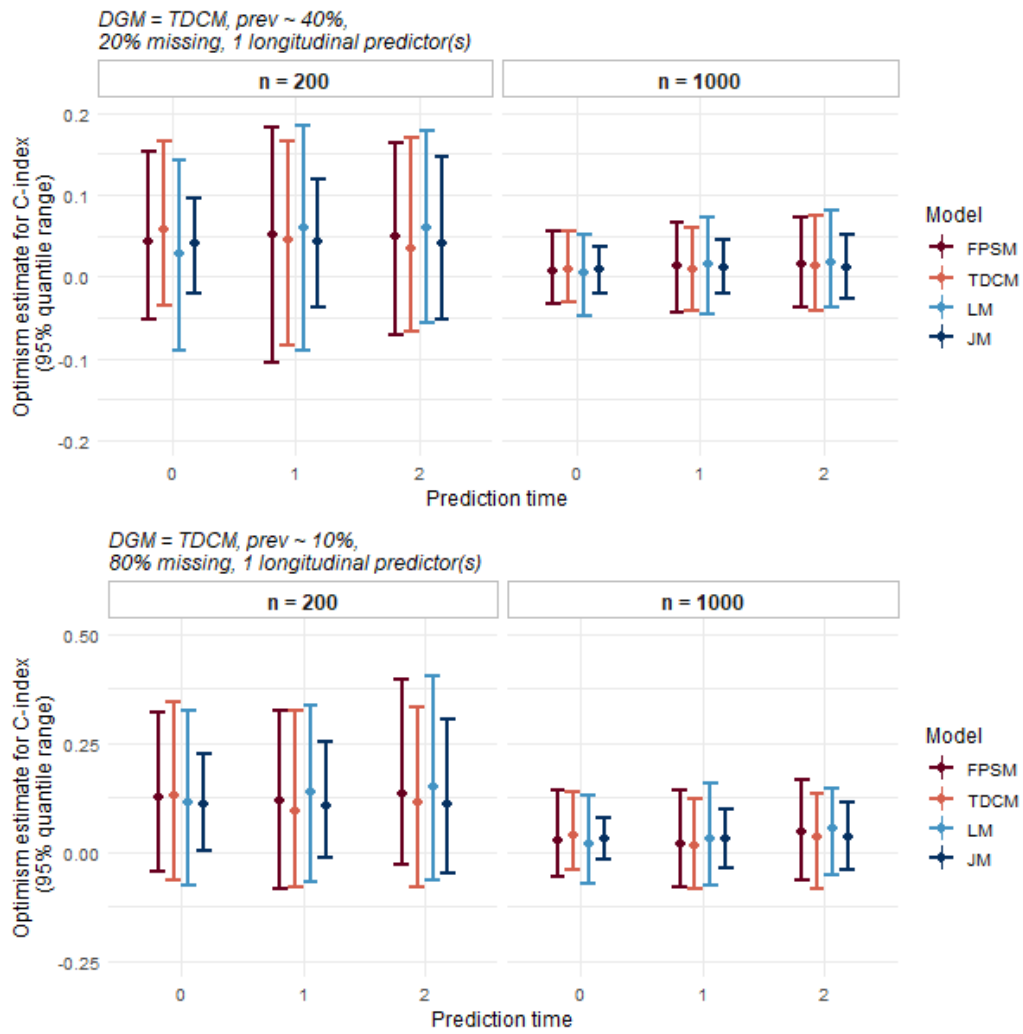


Figure 46: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **sample size**.

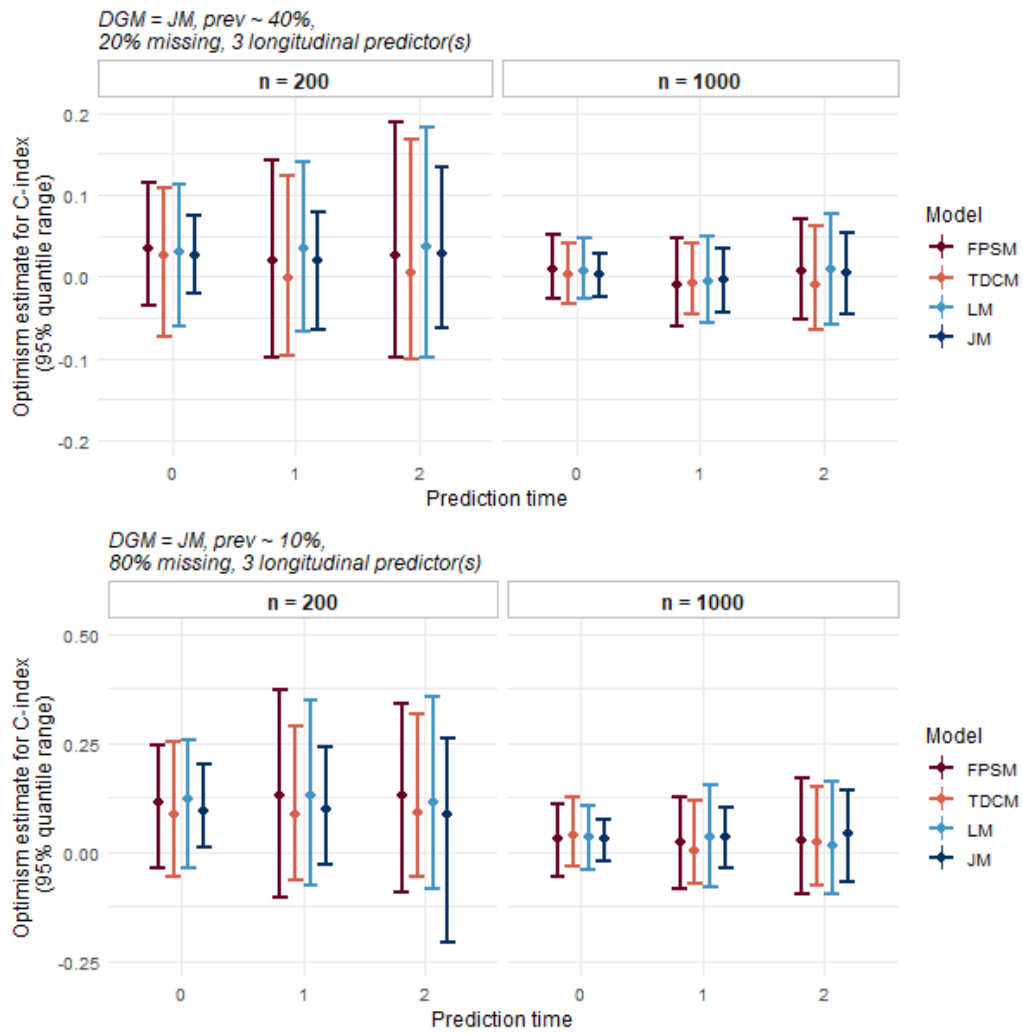


Figure 47: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **sample size**.

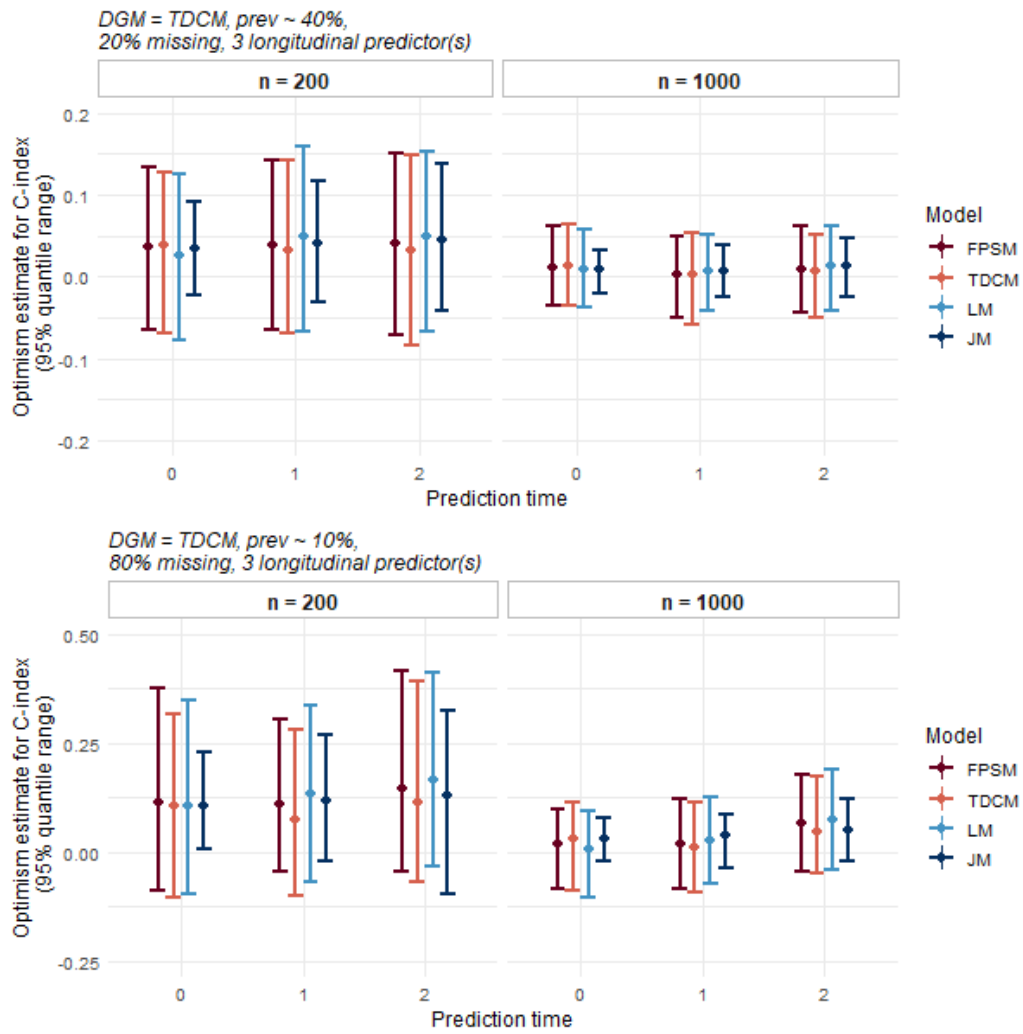


Figure 48: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **sample size**.



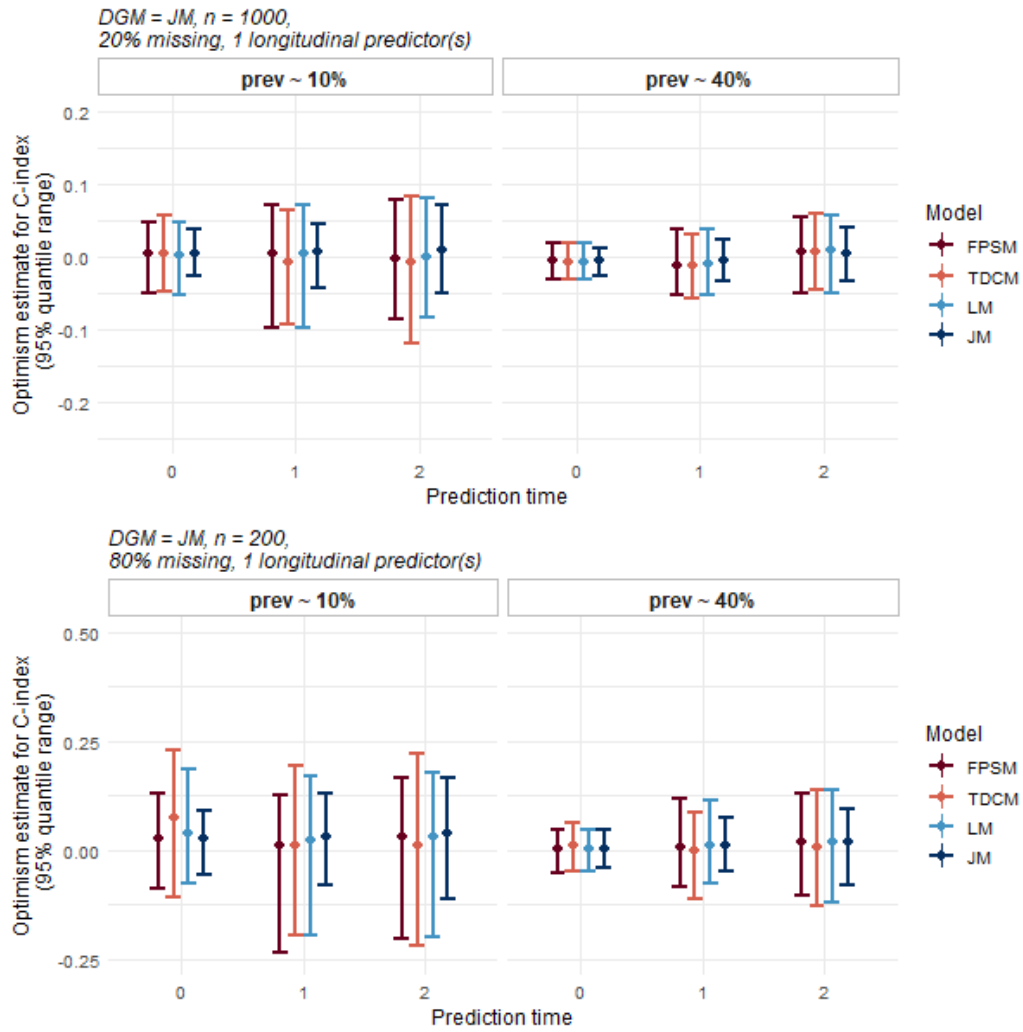


Figure 49: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **event prevalence**.

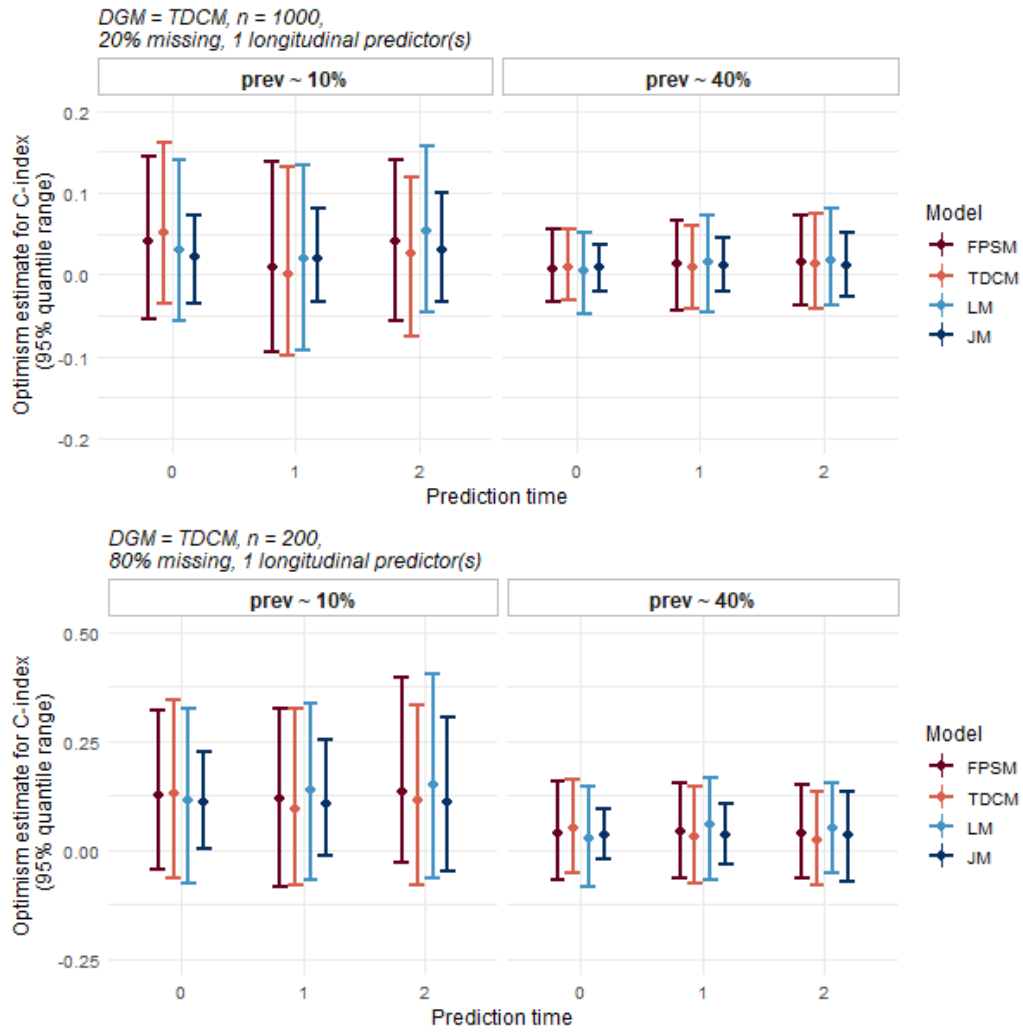


Figure 50: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **event prevalence**.

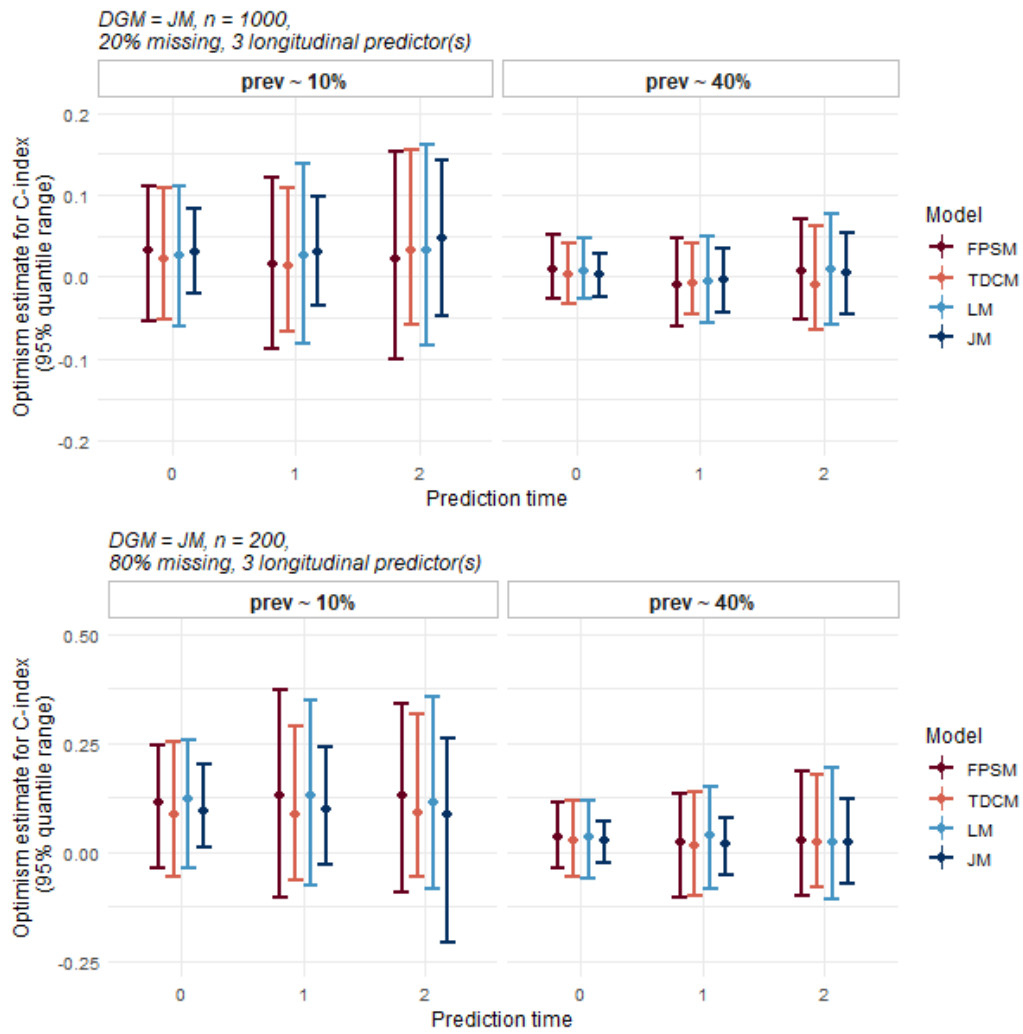


Figure 51: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **event prevalence**.

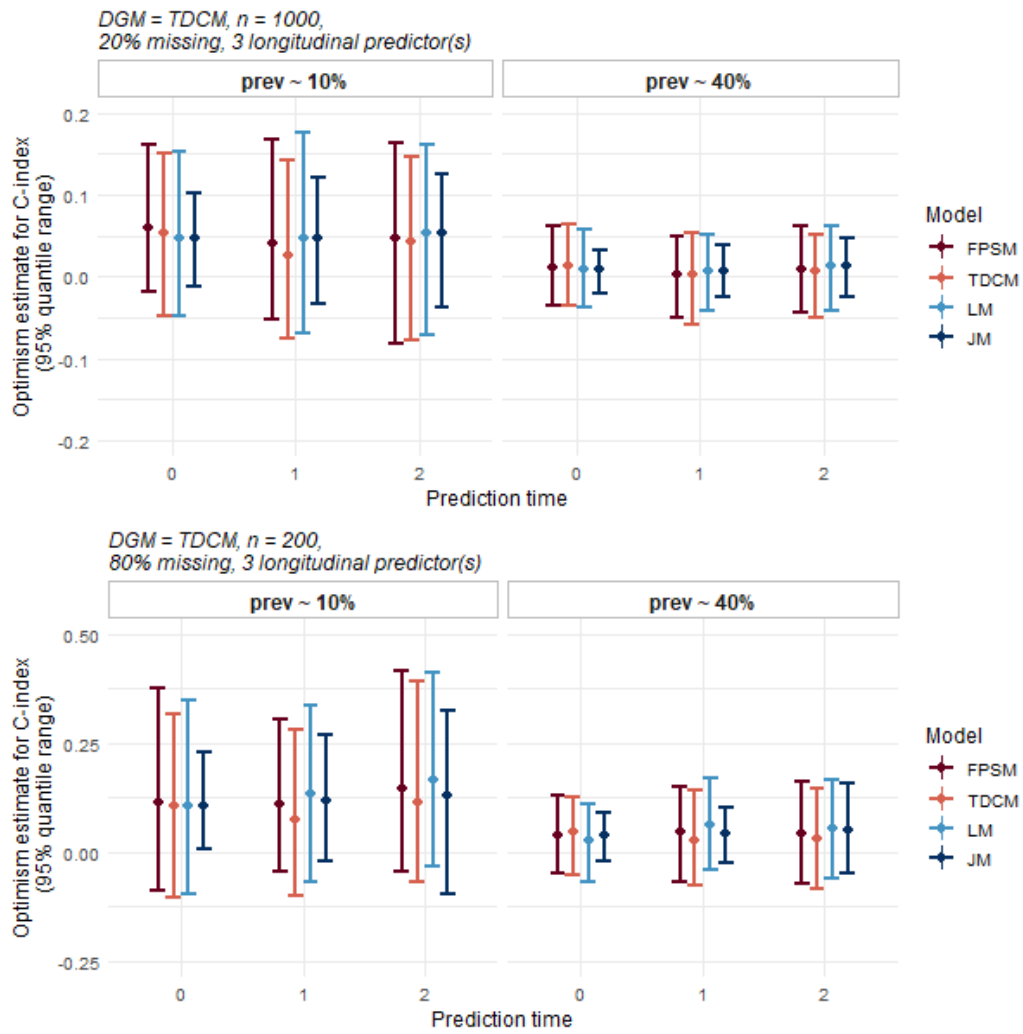


Figure 52: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **event prevalence**.

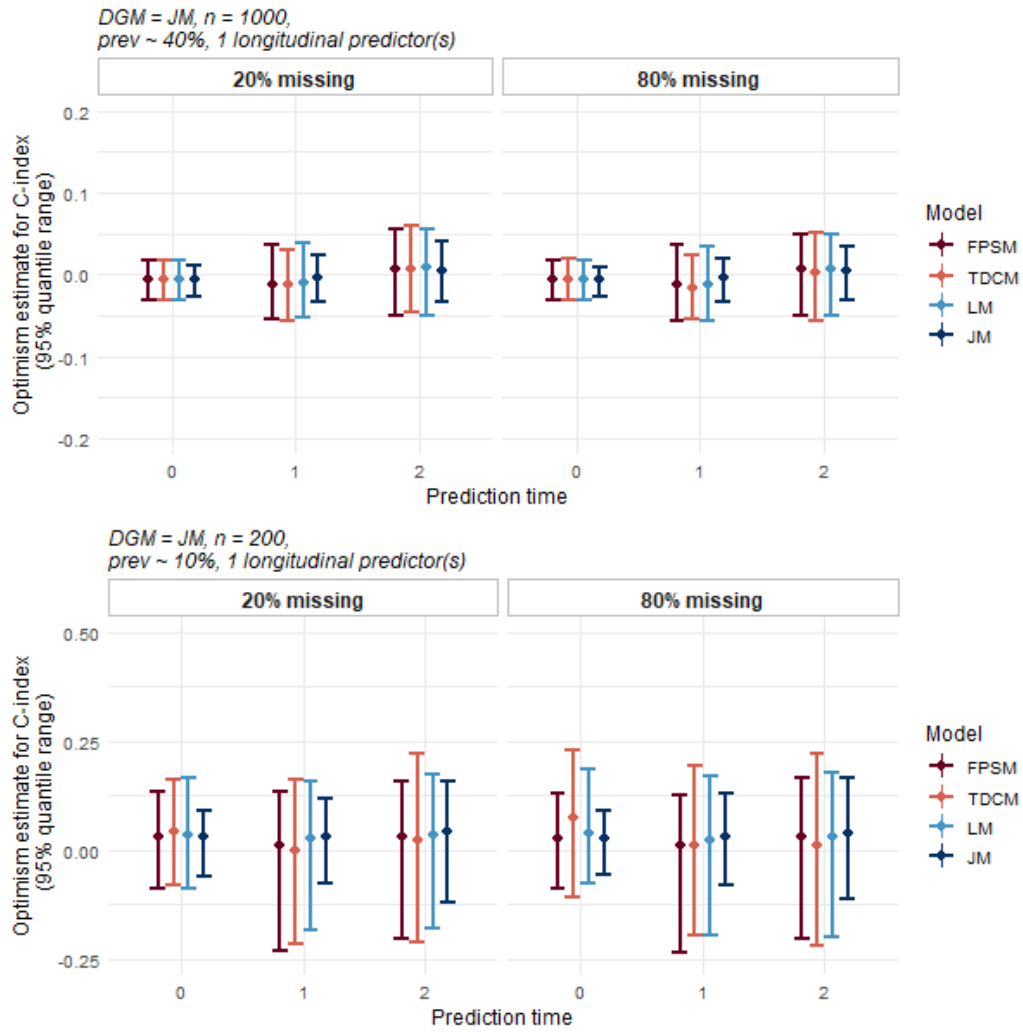


Figure 53: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **follow-up missingness**.

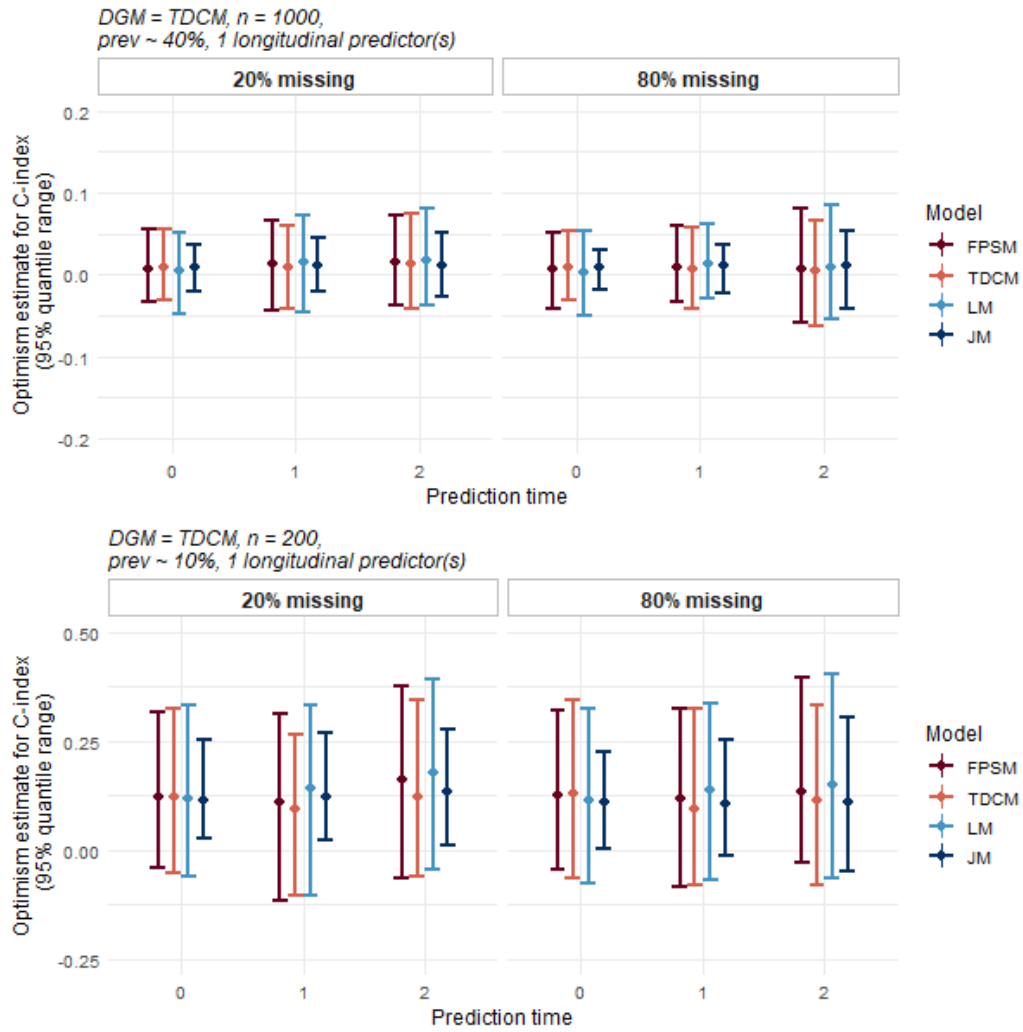


Figure 54: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **follow-up missingness**.

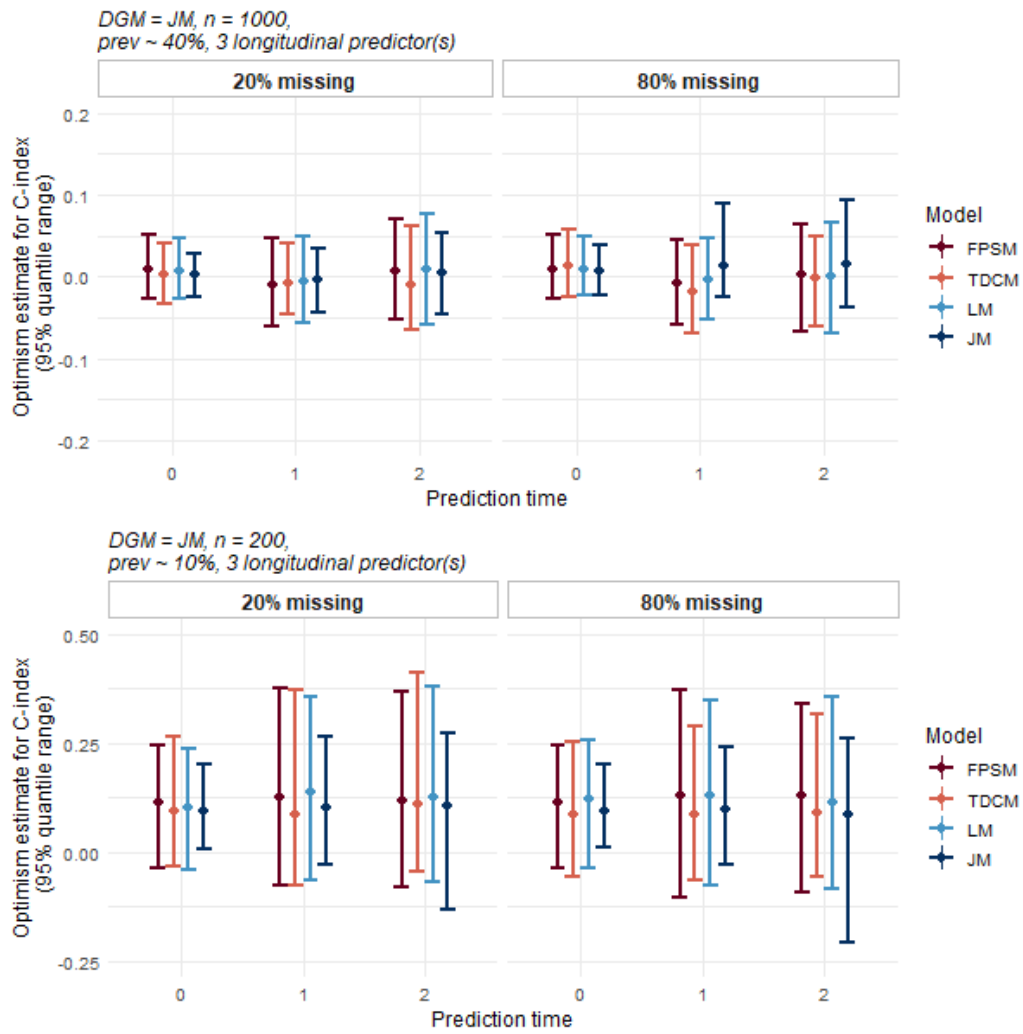


Figure 55: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **follow-up missingness**.

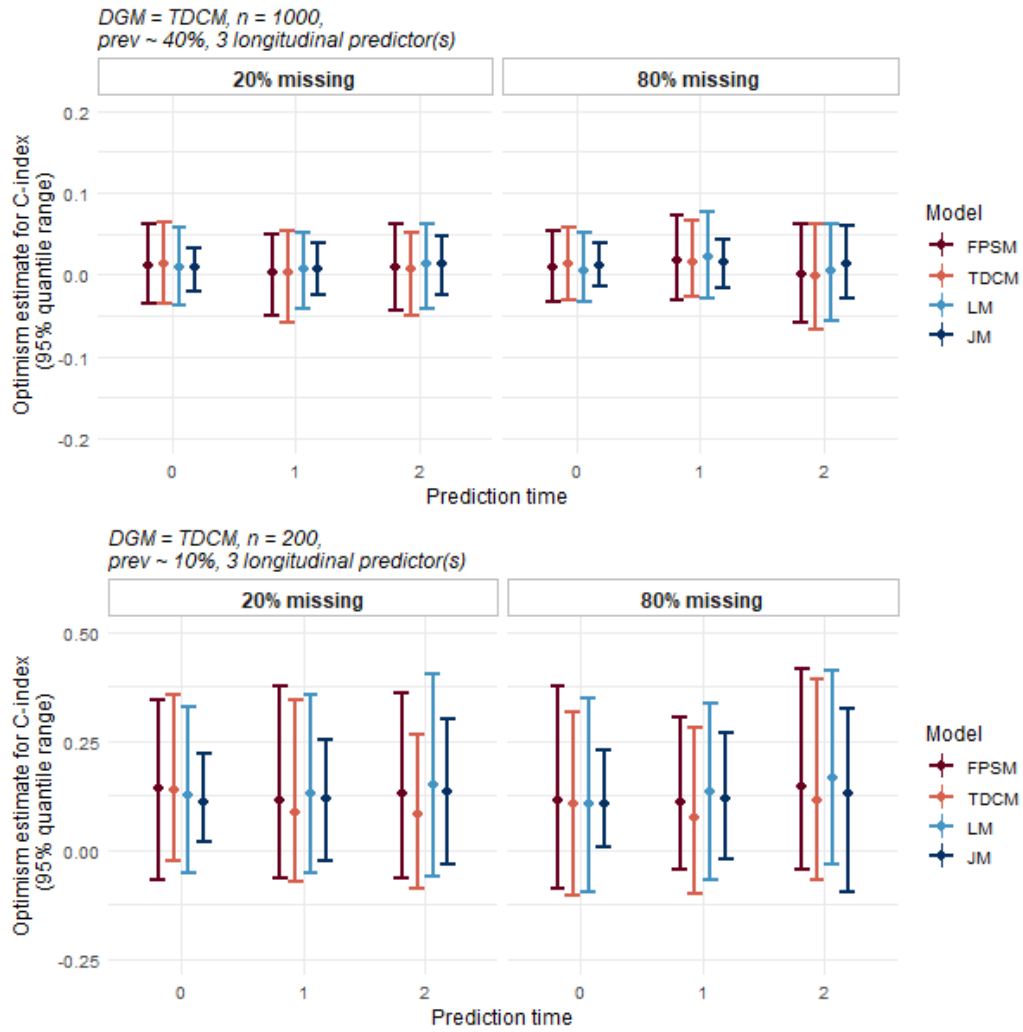


Figure 56: Exploring how optimism estimated for Harrell's C-index (Discrimination) was influenced by **follow-up missingness**.



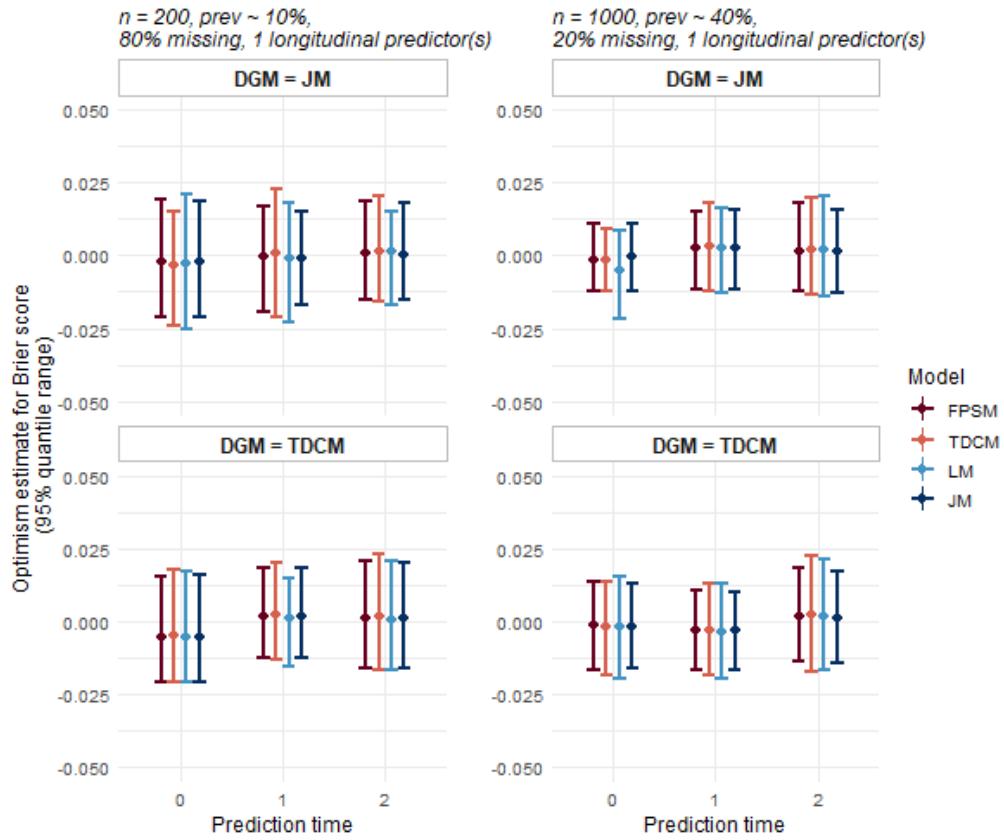


Figure 57: Optimism estimated for Survival Brier Score (Overall performance) under contrasting data generation scenarios.

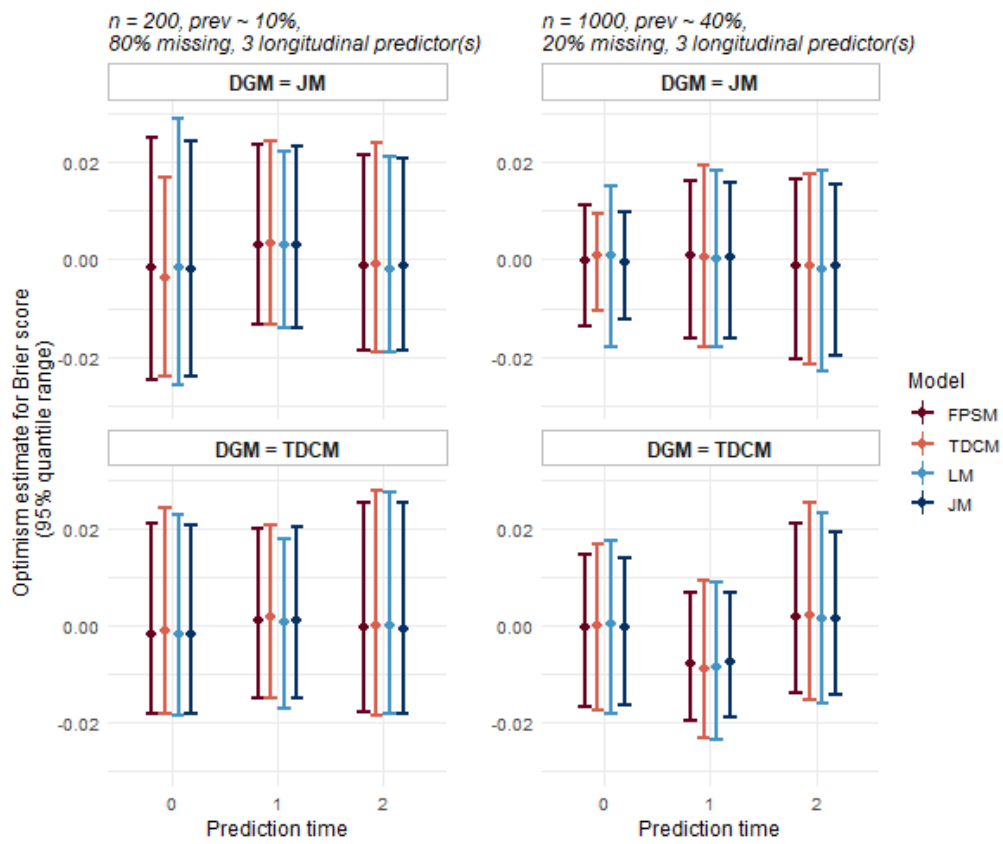


Figure 58: Optimism estimated for Survival Brier Score (Overall performance) under contrasting data generation scenarios.

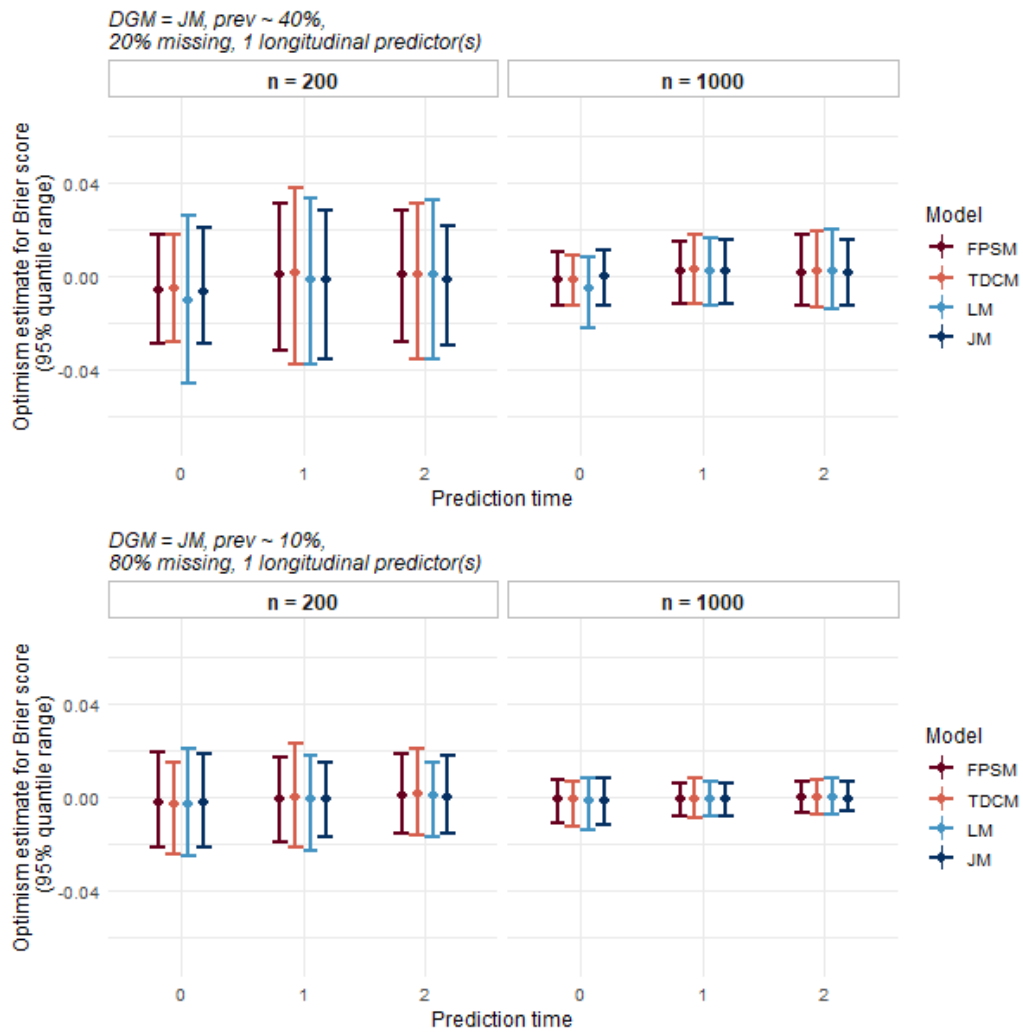


Figure 59: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **sample size**.

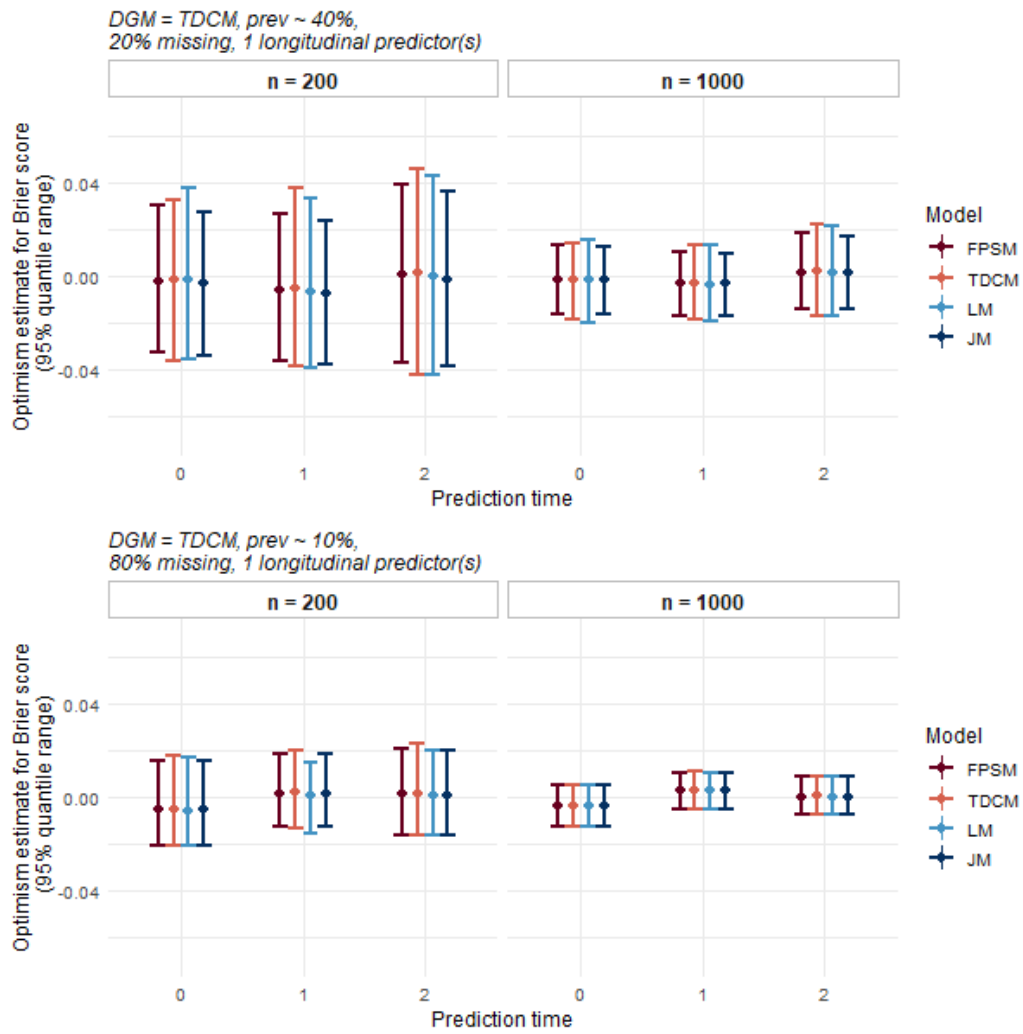


Figure 60: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **sample size**.

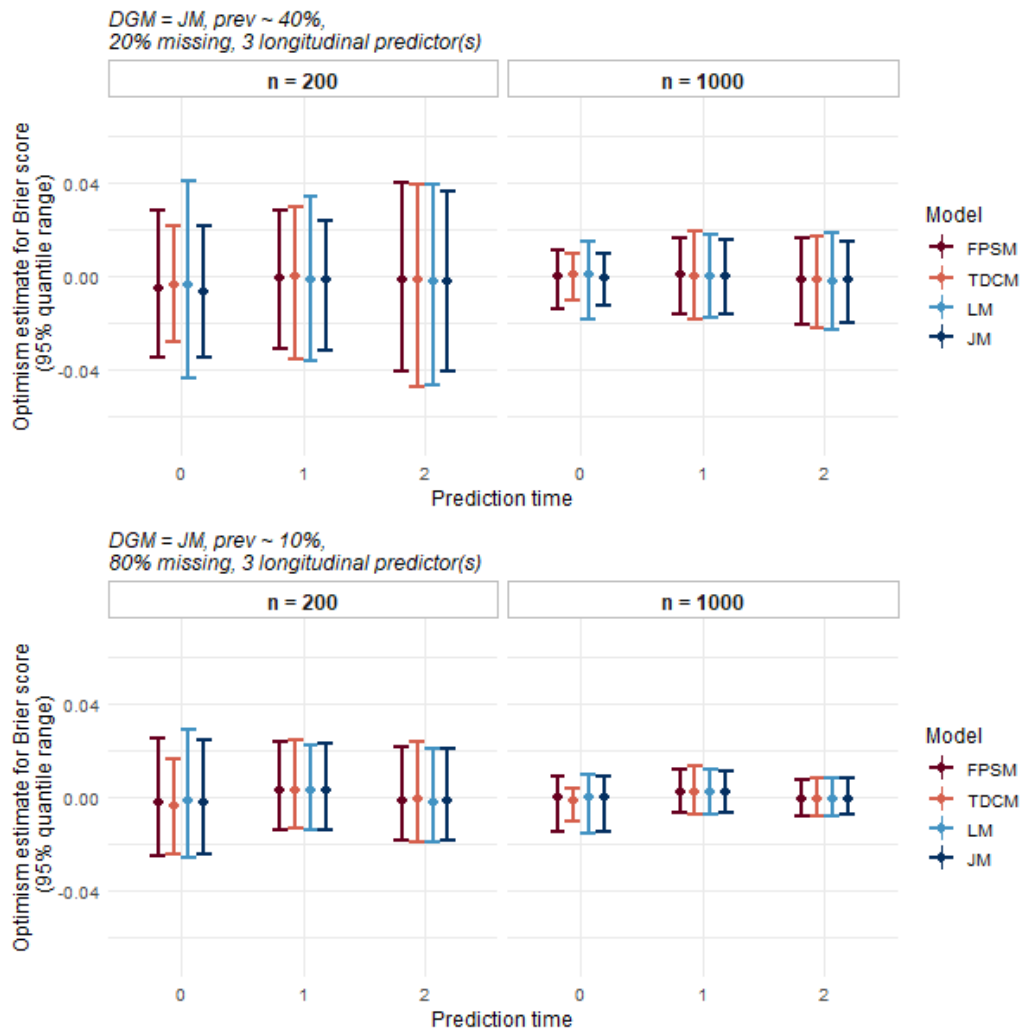


Figure 61: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **sample size**.

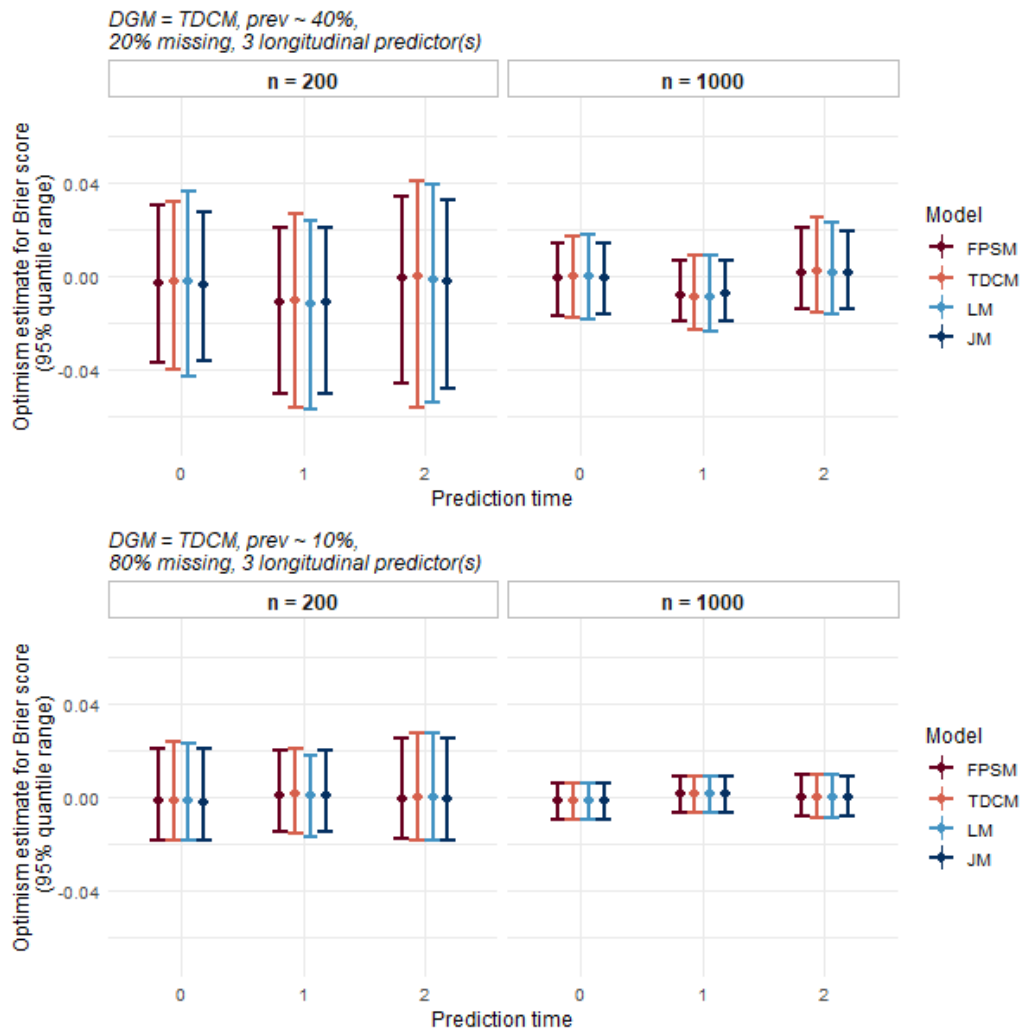


Figure 62: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **sample size**.

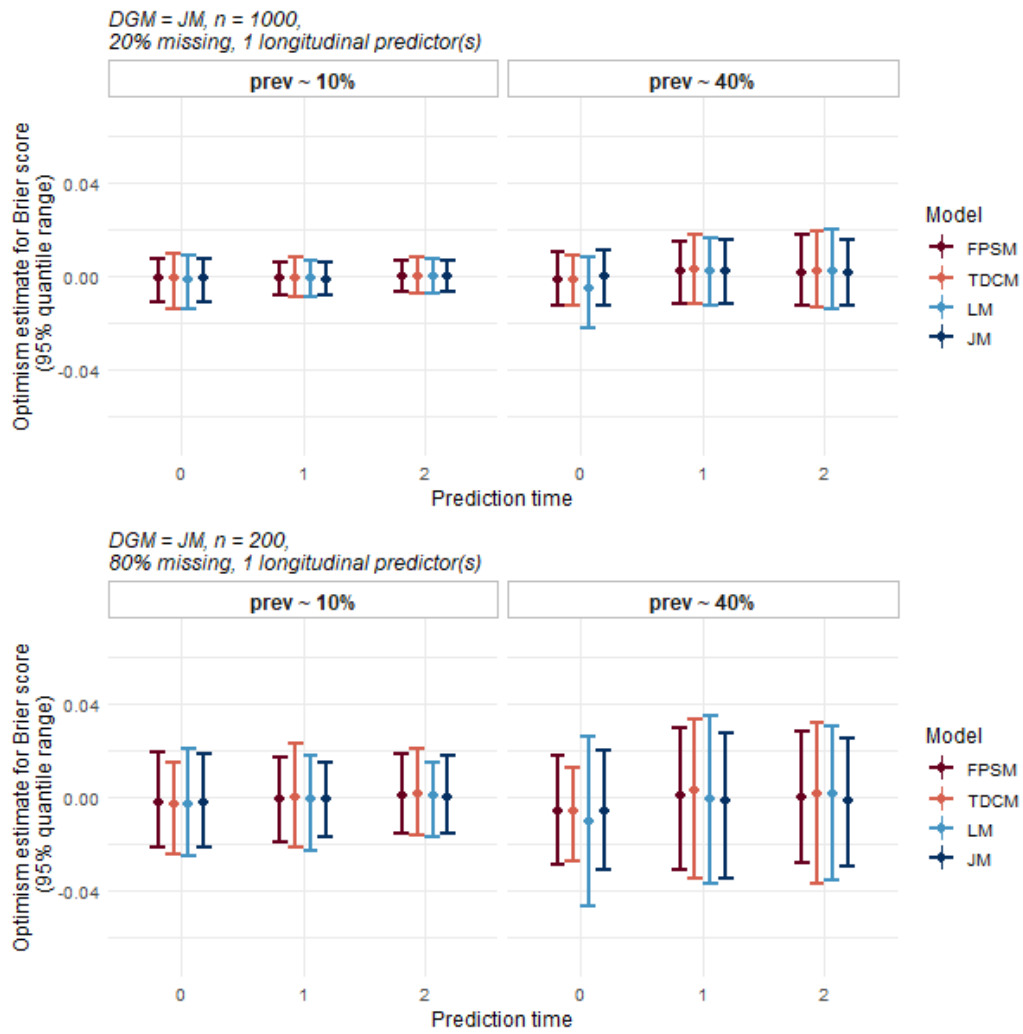


Figure 63: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **sample size**.

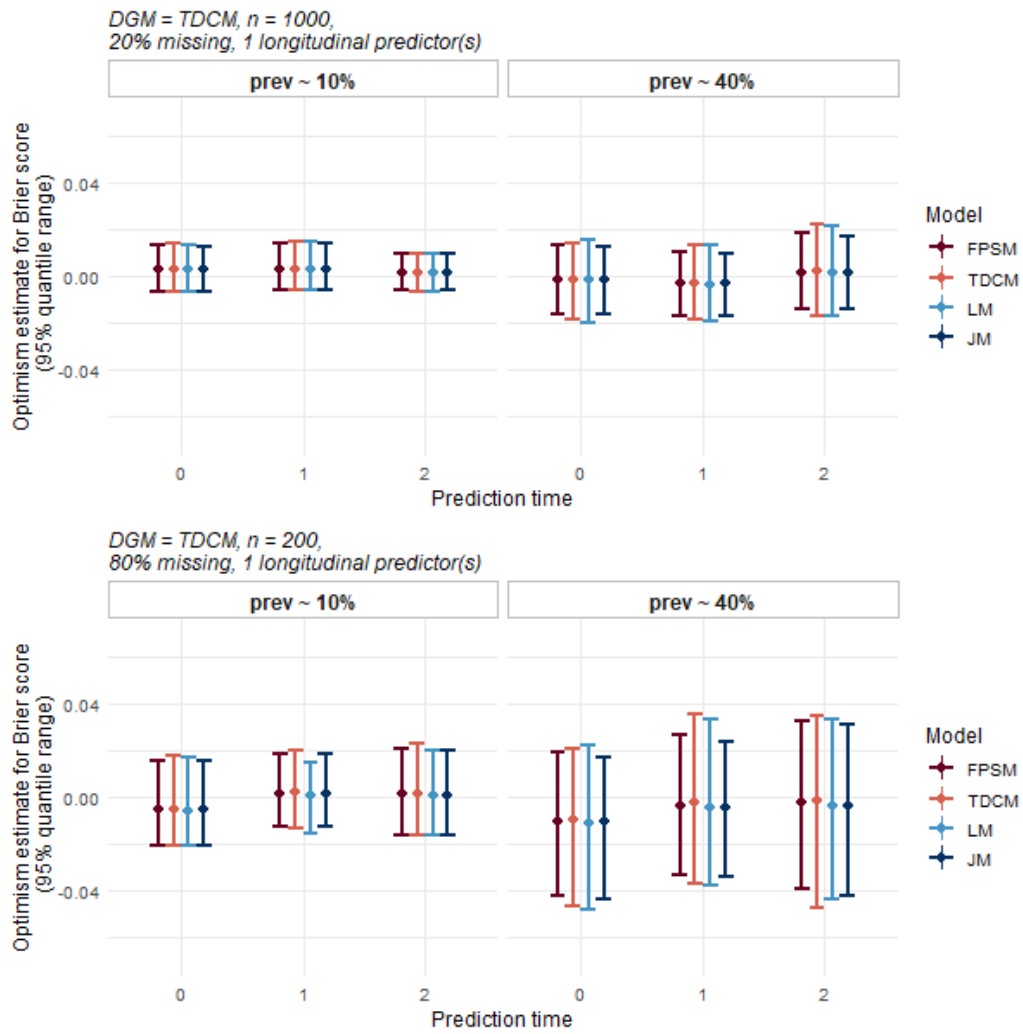


Figure 64: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **event prevalence**.



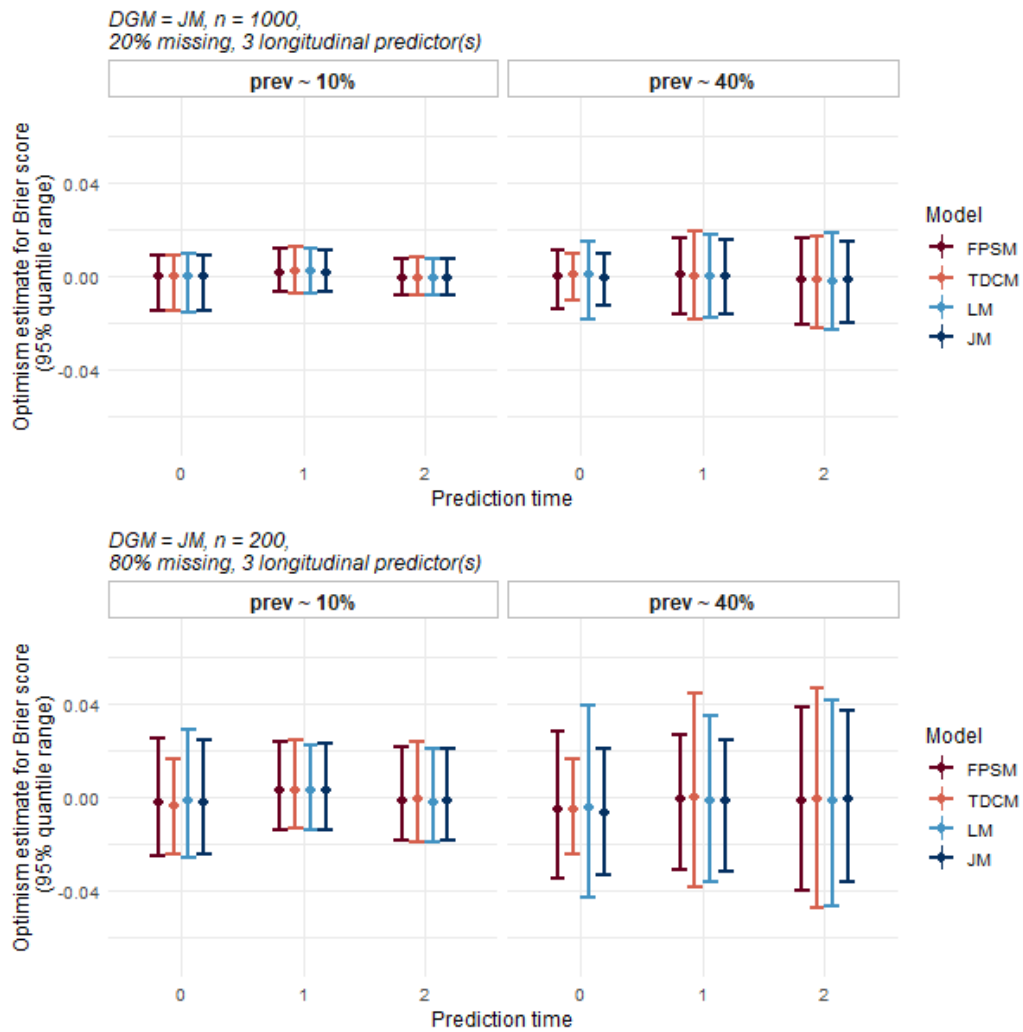


Figure 65: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **event prevalence**.

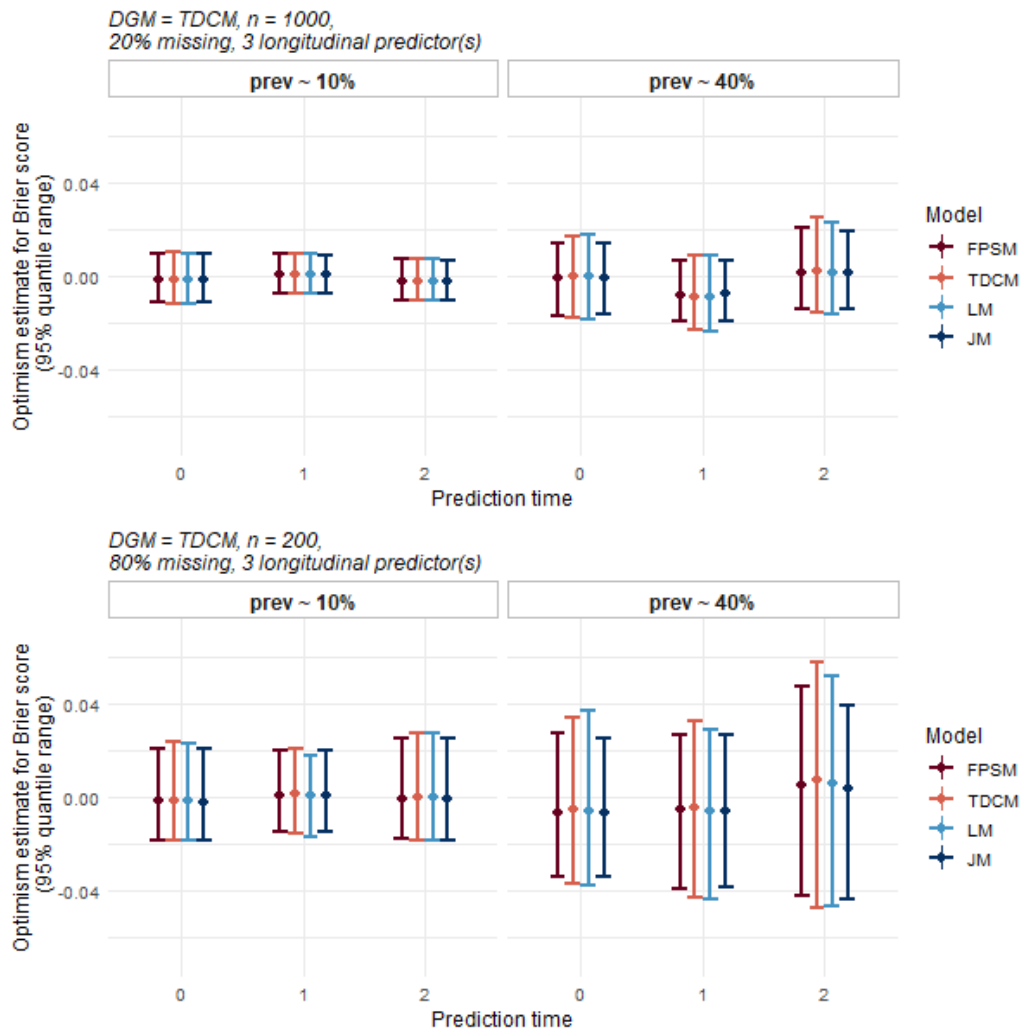


Figure 66: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **event prevalence**.

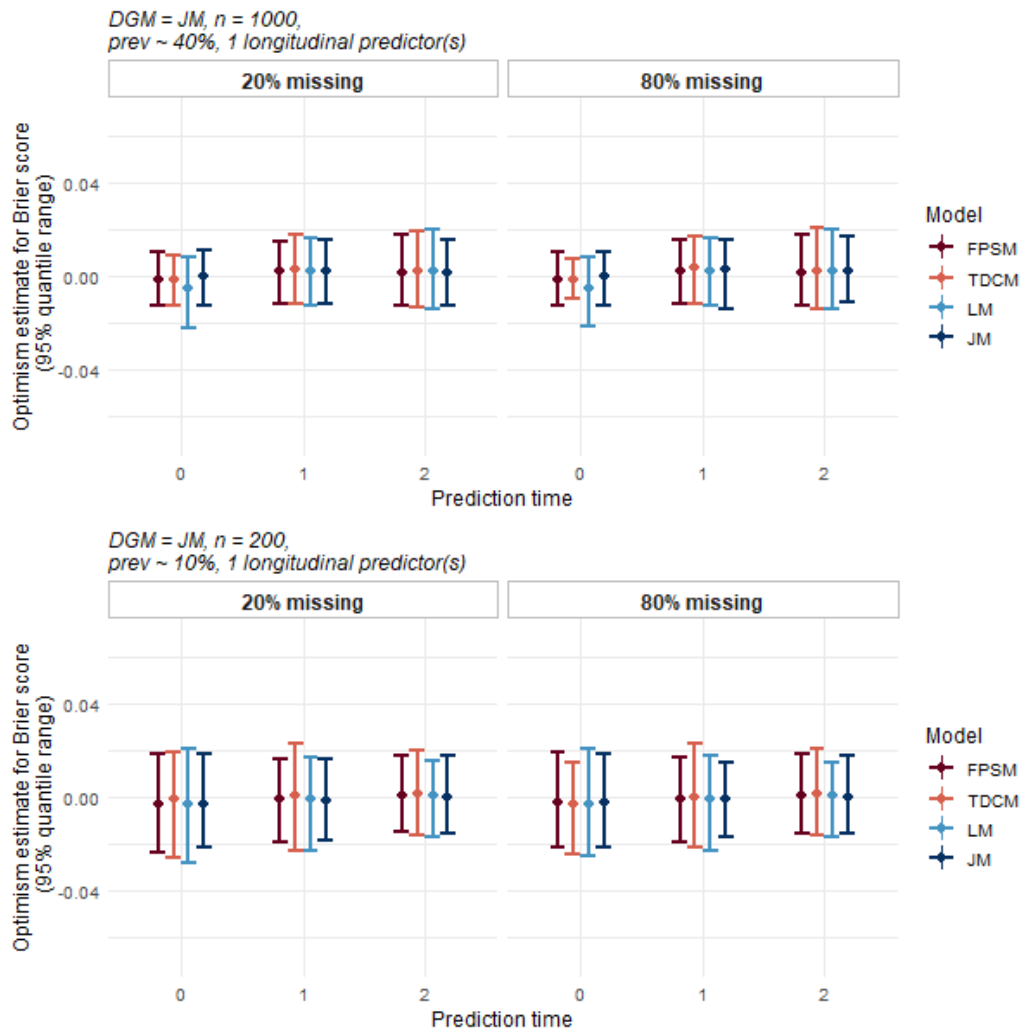


Figure 67: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **follow-up missingness**.

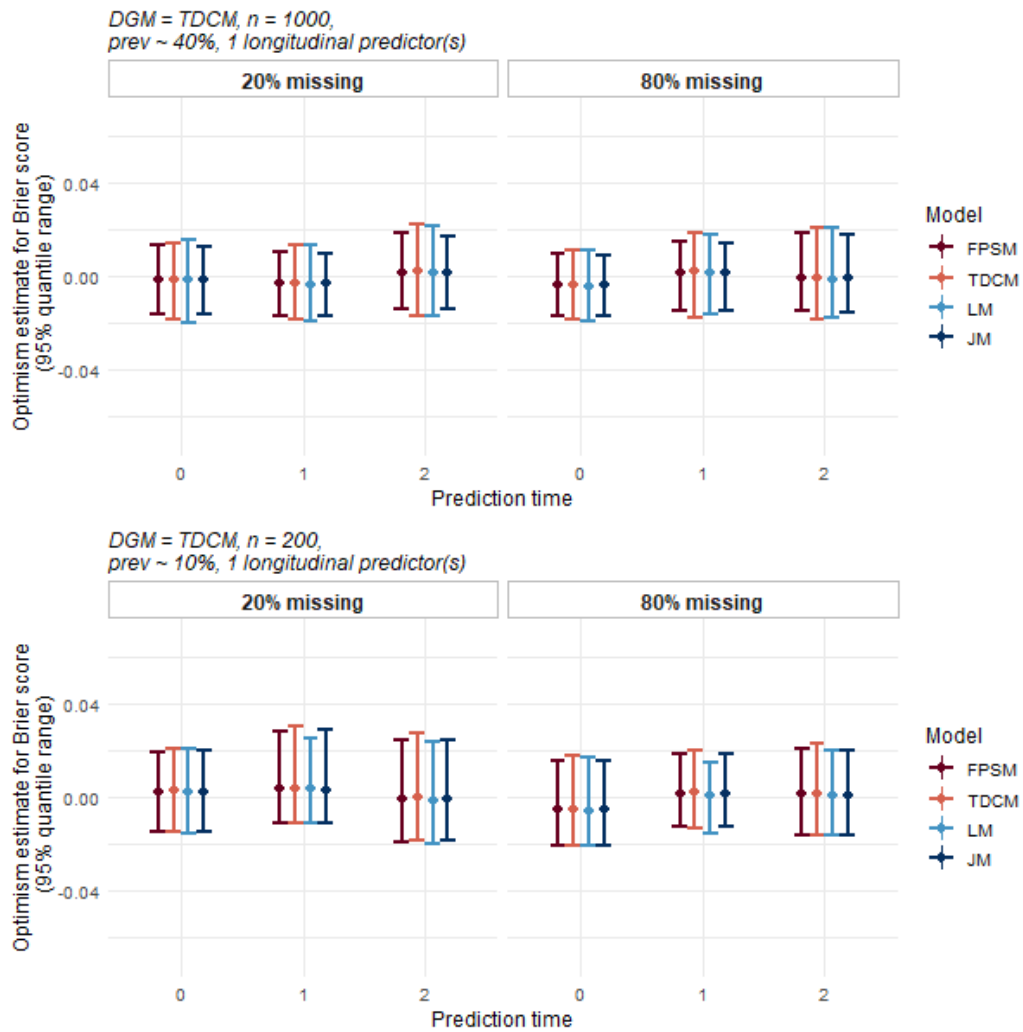


Figure 68: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **follow-up missingness**.

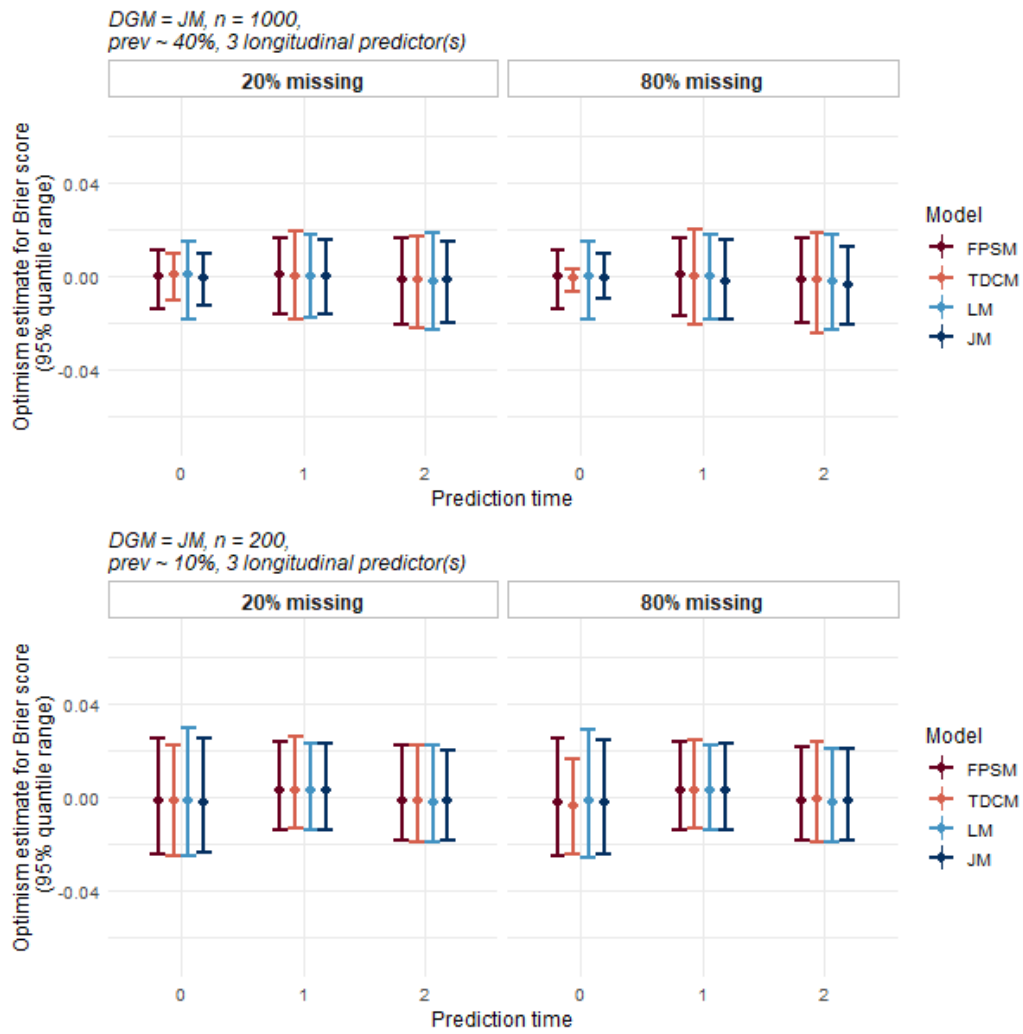


Figure 69: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **follow-up missingness**.

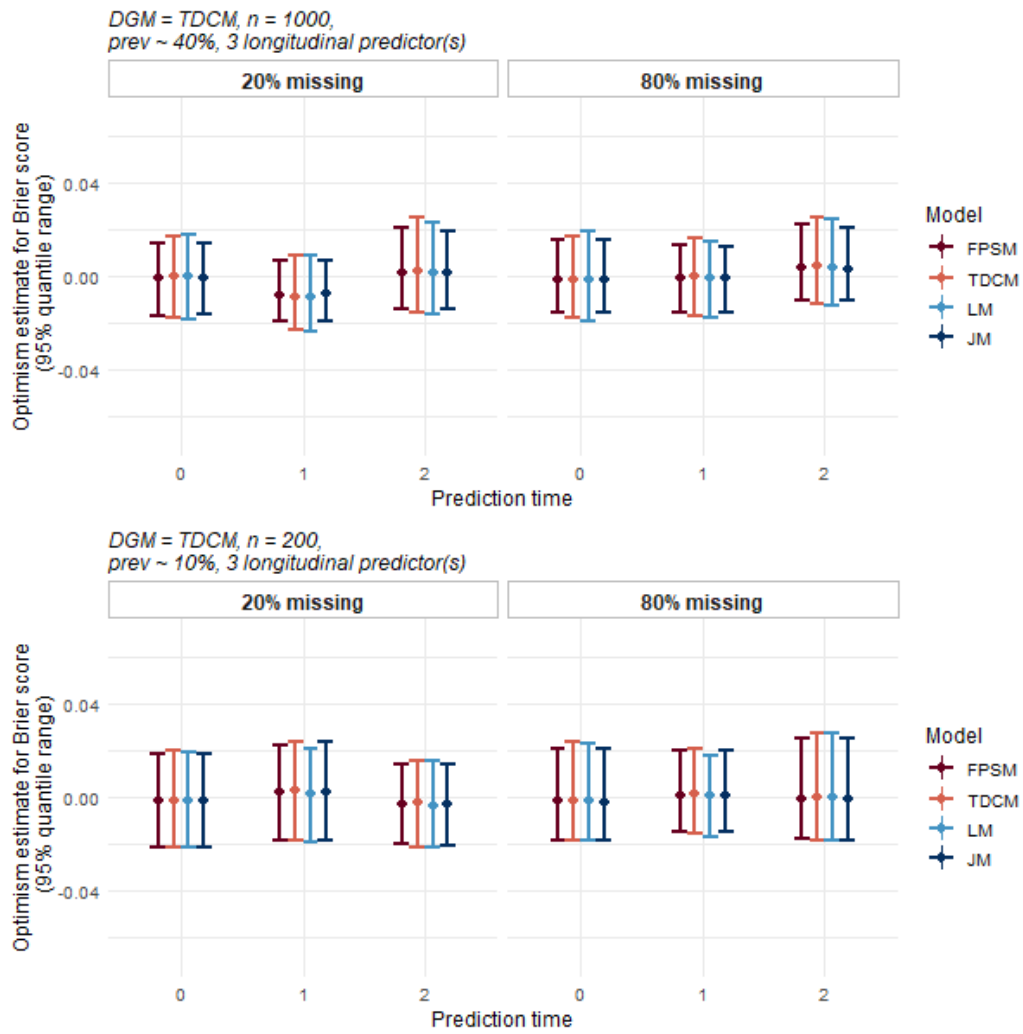


Figure 70: Exploring how the optimism estimated for the Survival Brier Score (Overall performance) was influenced by **follow-up missingness**.

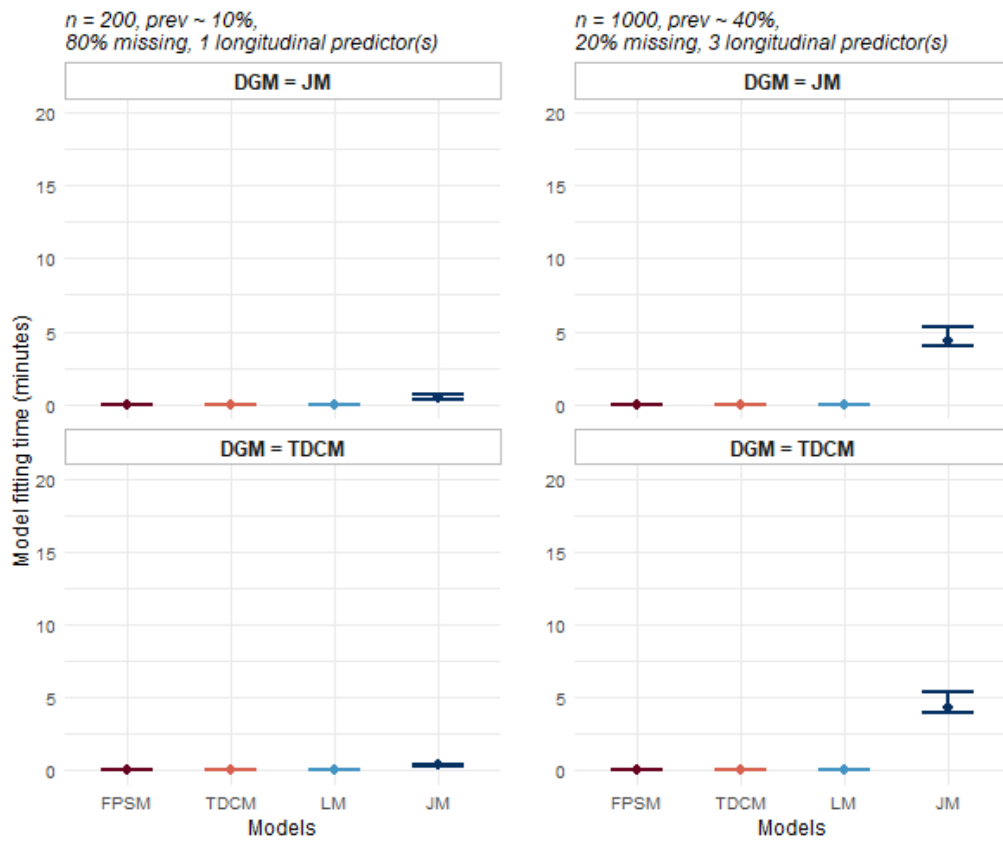


Figure 71: Model fitting time under contrasting data generation scenarios.

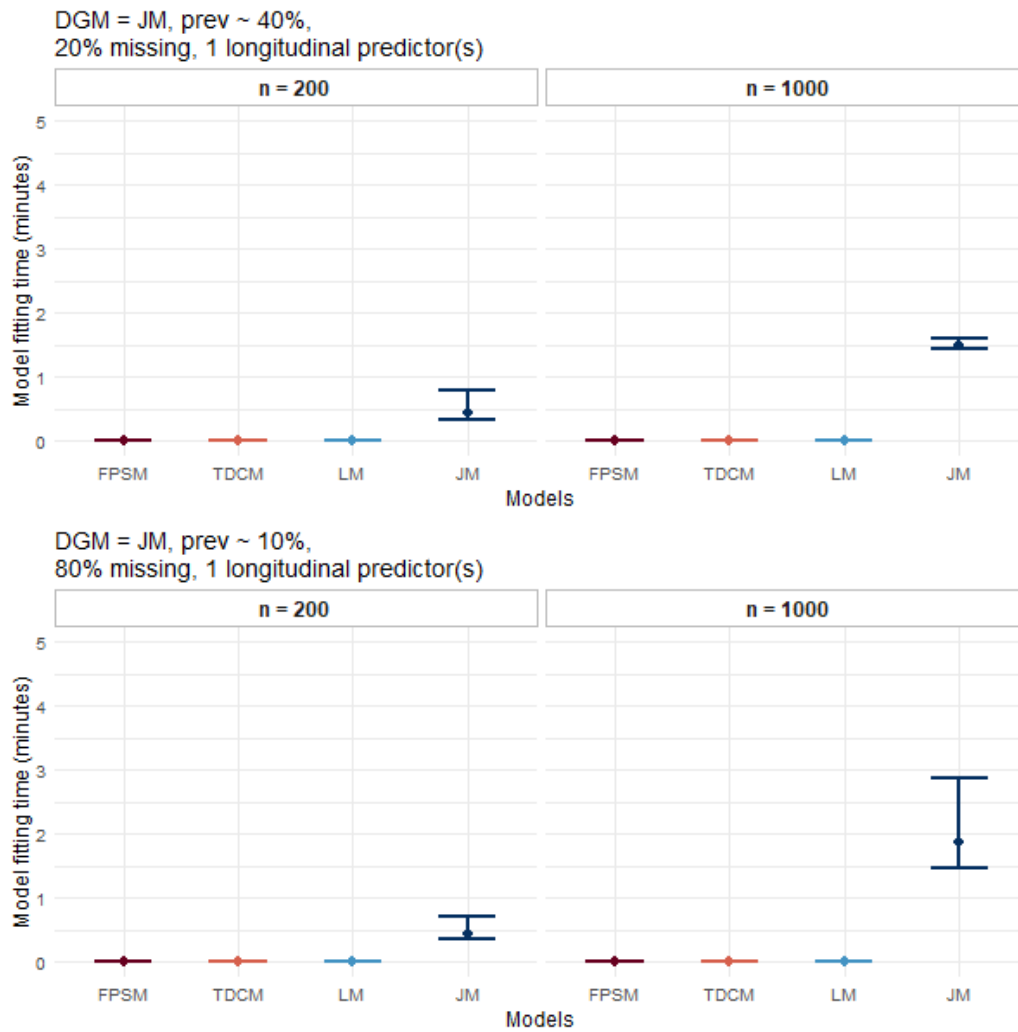


Figure 72: Exploring how the model fitting time was influenced by **sample size**.



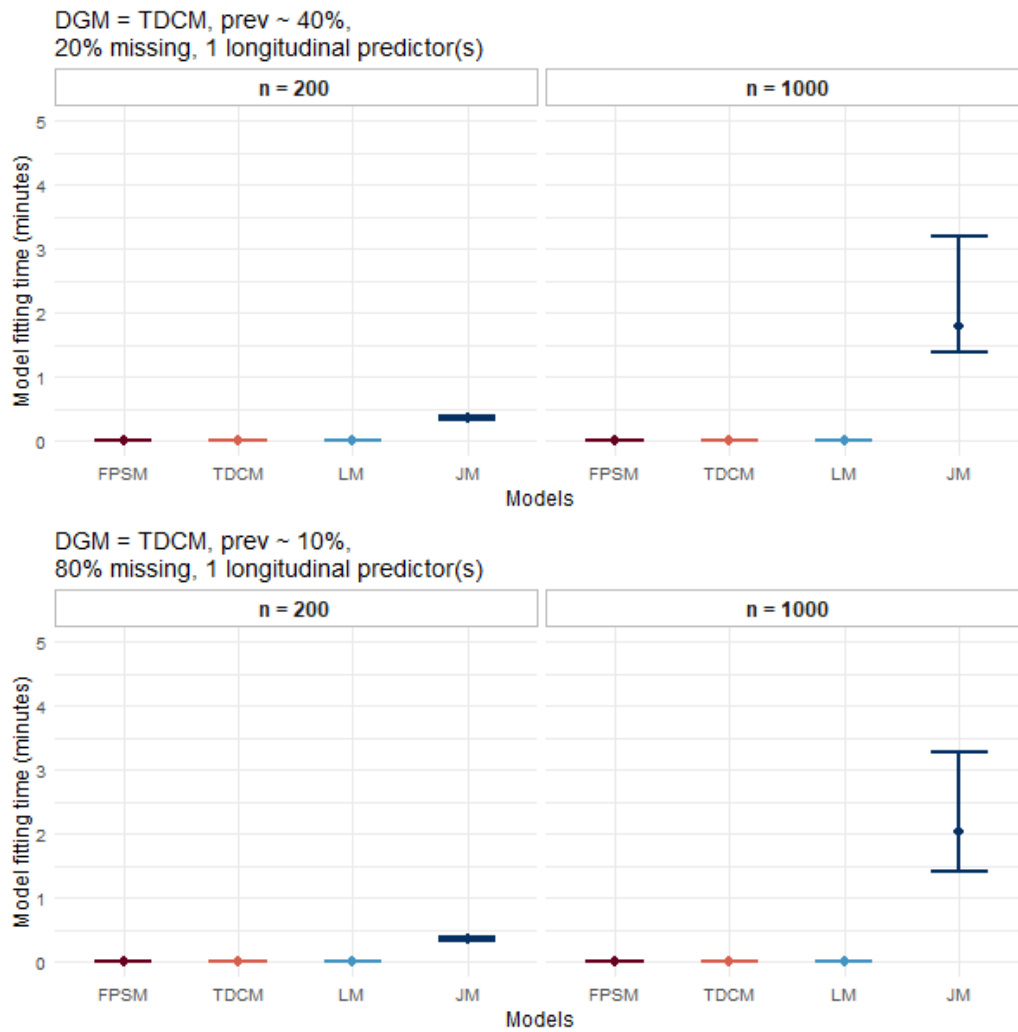


Figure 73: Exploring how the model fitting time was influenced by **sample size**.

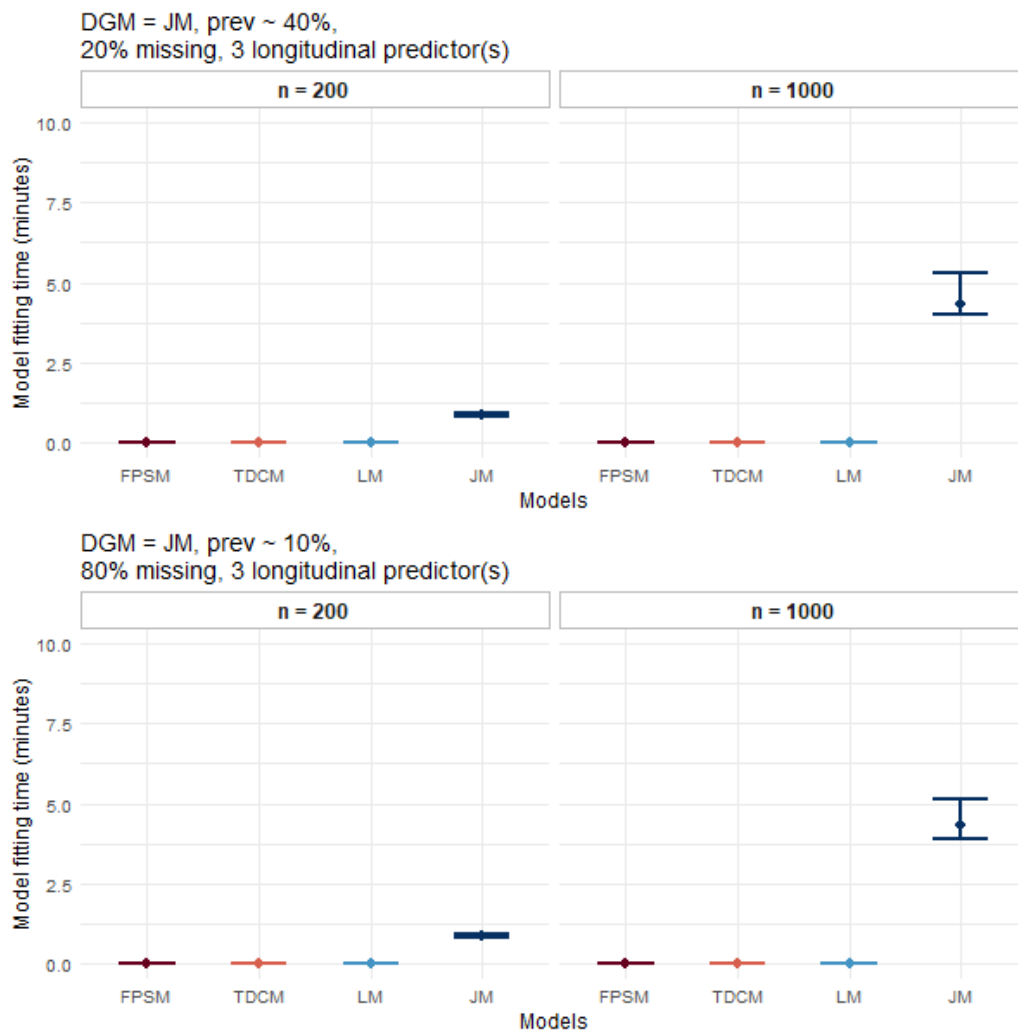


Figure 74: Exploring how the model fitting time was influenced by **sample size**.

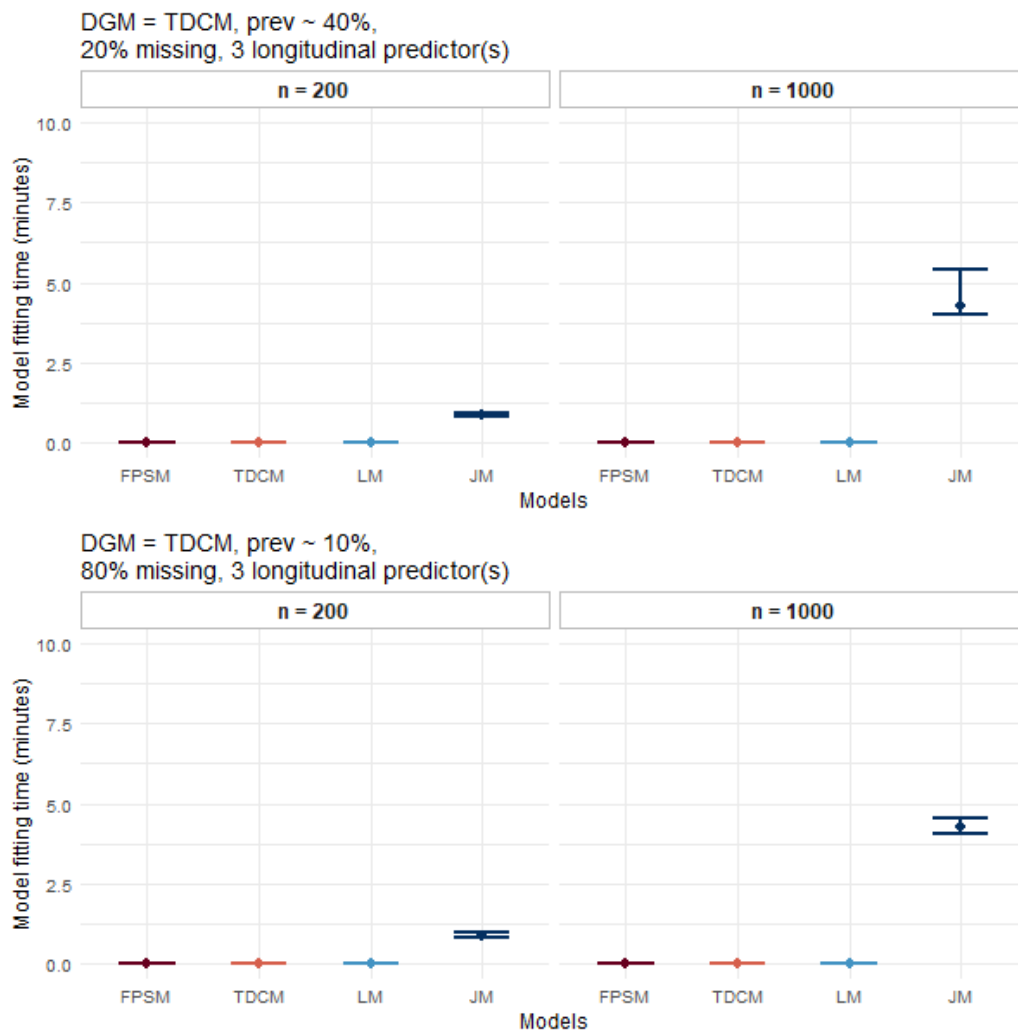


Figure 75: Exploring how the model fitting time was influenced by **sample size**.

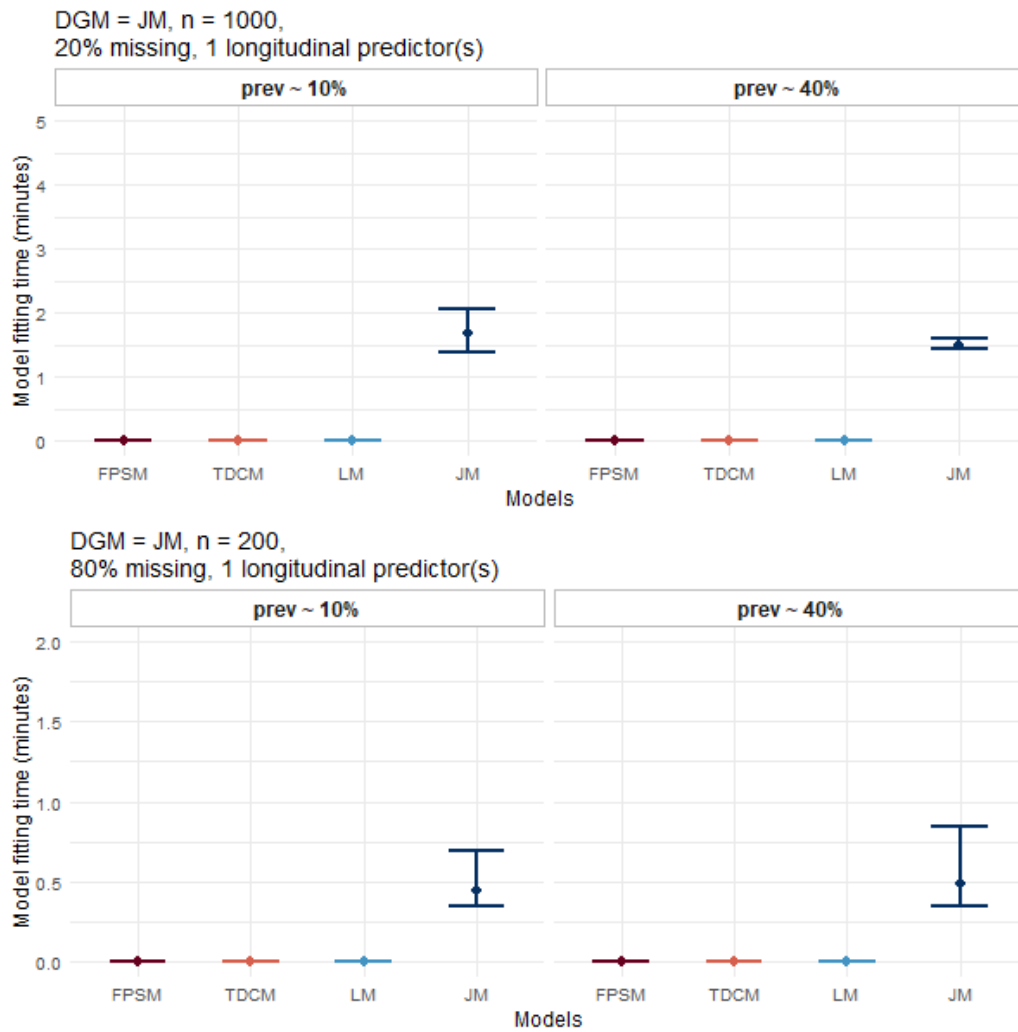


Figure 76: Exploring how the model fitting time was influenced by **sample size**.

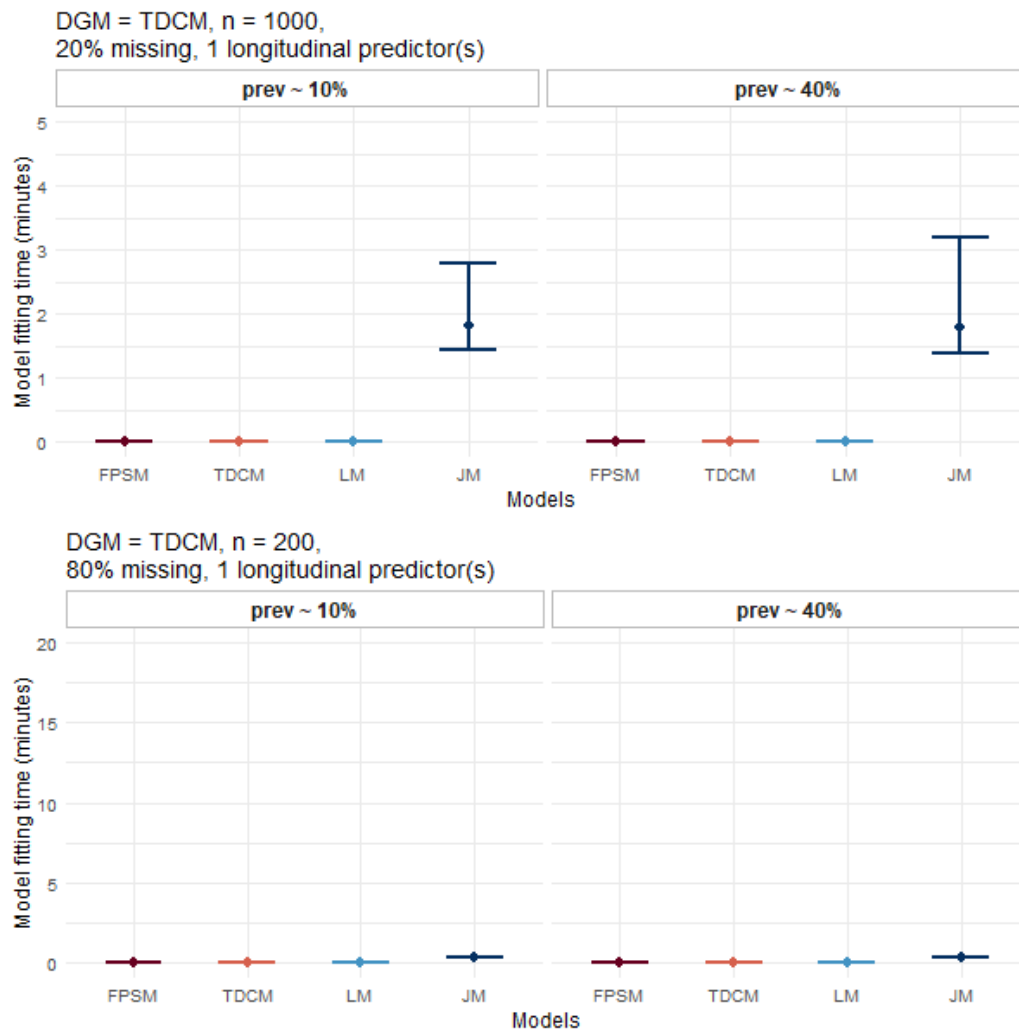


Figure 77: Exploring how the model fitting time was influenced by **event prevalence**.

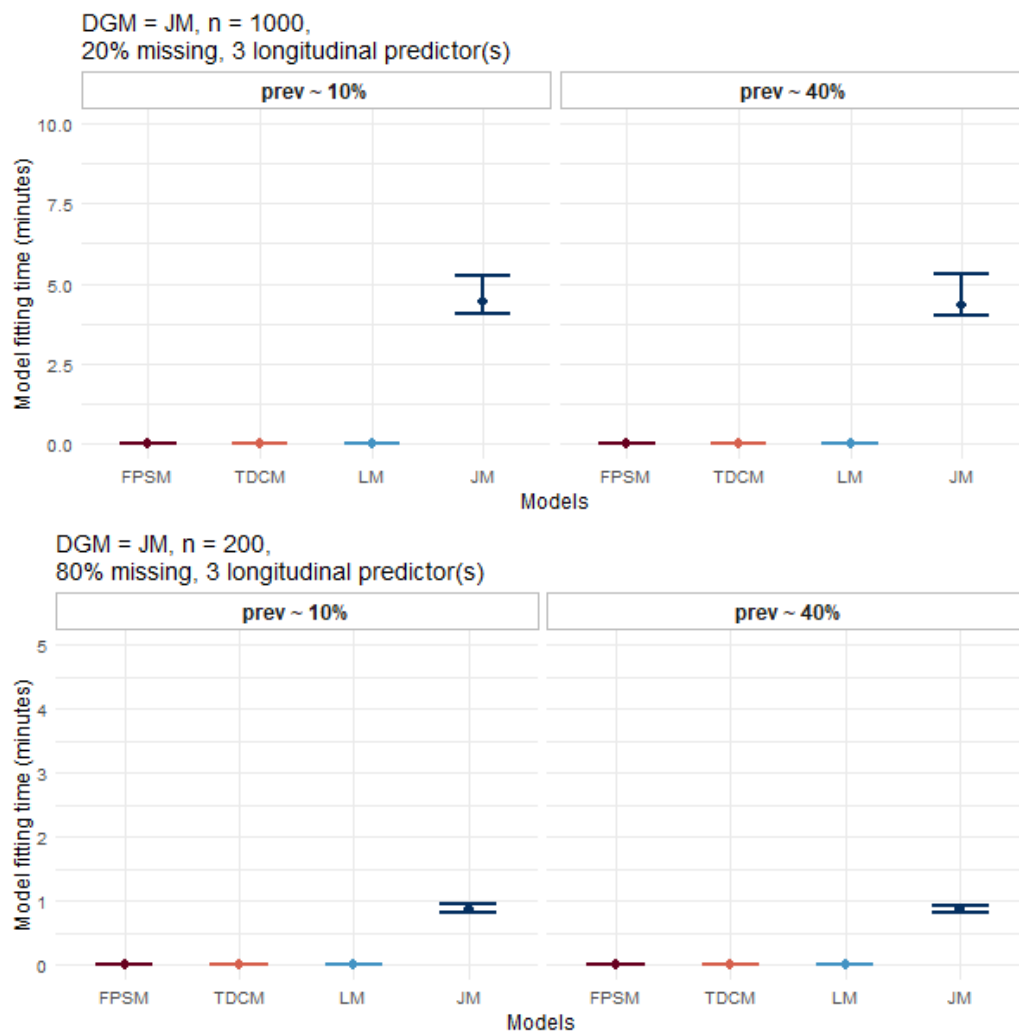


Figure 78: Exploring how the model fitting time was influenced by **event prevalence**.

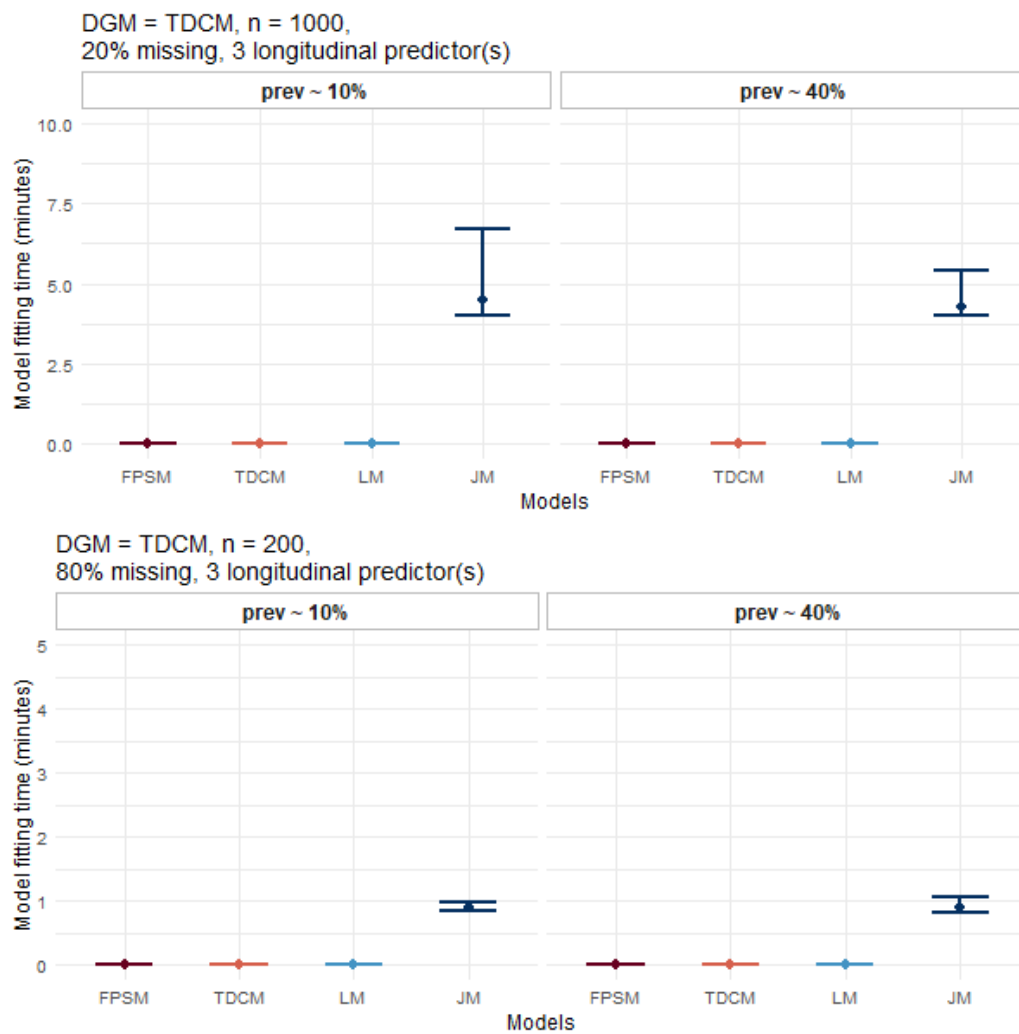


Figure 79: Exploring how the model fitting time was influenced by **event prevalence**.

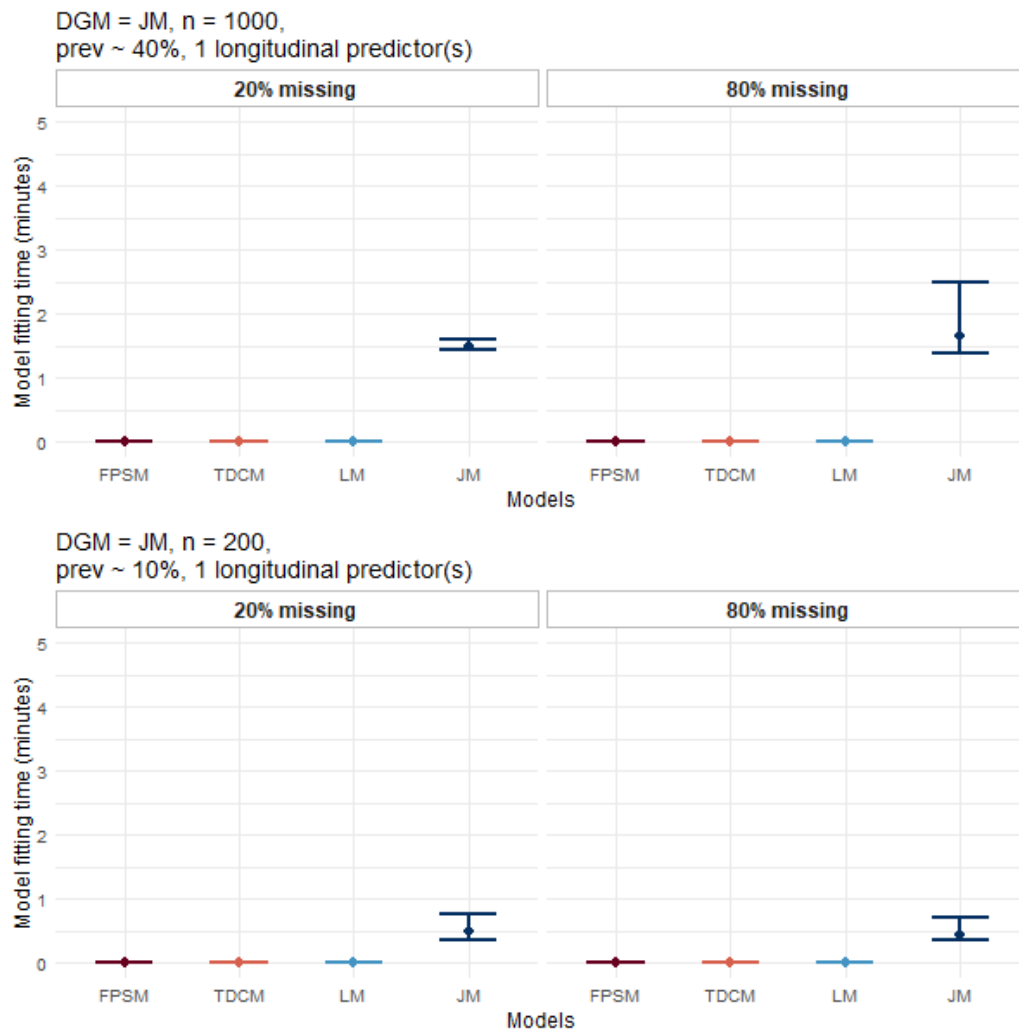


Figure 80: Exploring how the model fitting time was influenced by **follow-up missingness**.



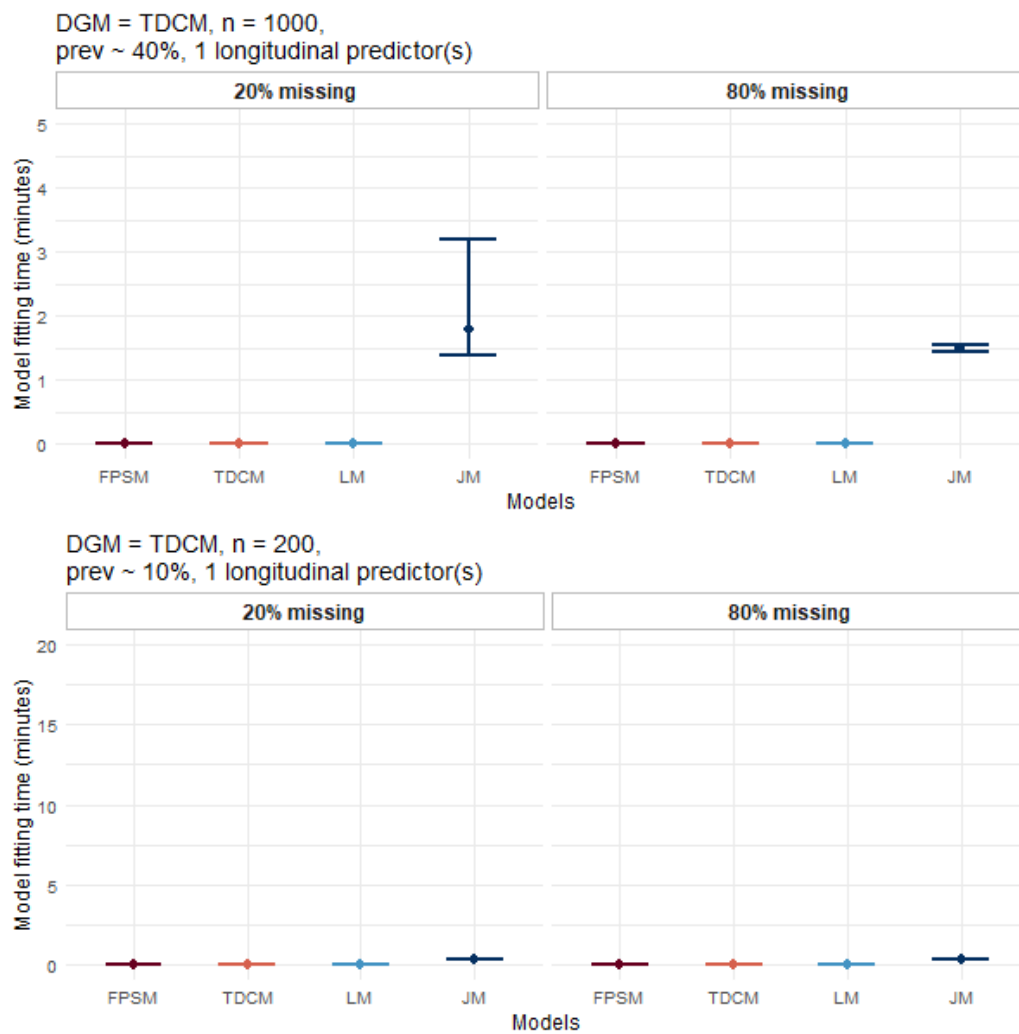


Figure 81: Exploring how the model fitting time was influenced by **follow-up missingness**.

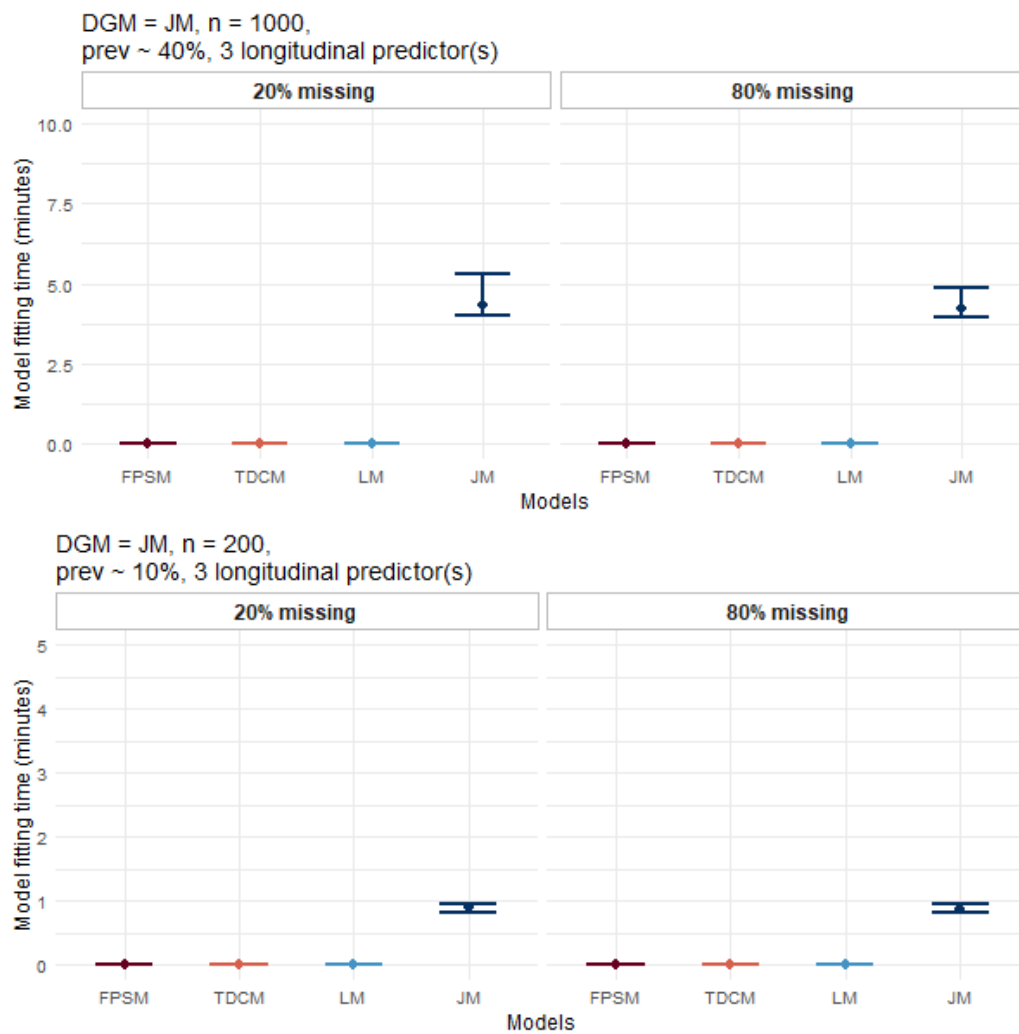


Figure 82: Exploring how the model fitting time was influenced by **follow-up missingness**.

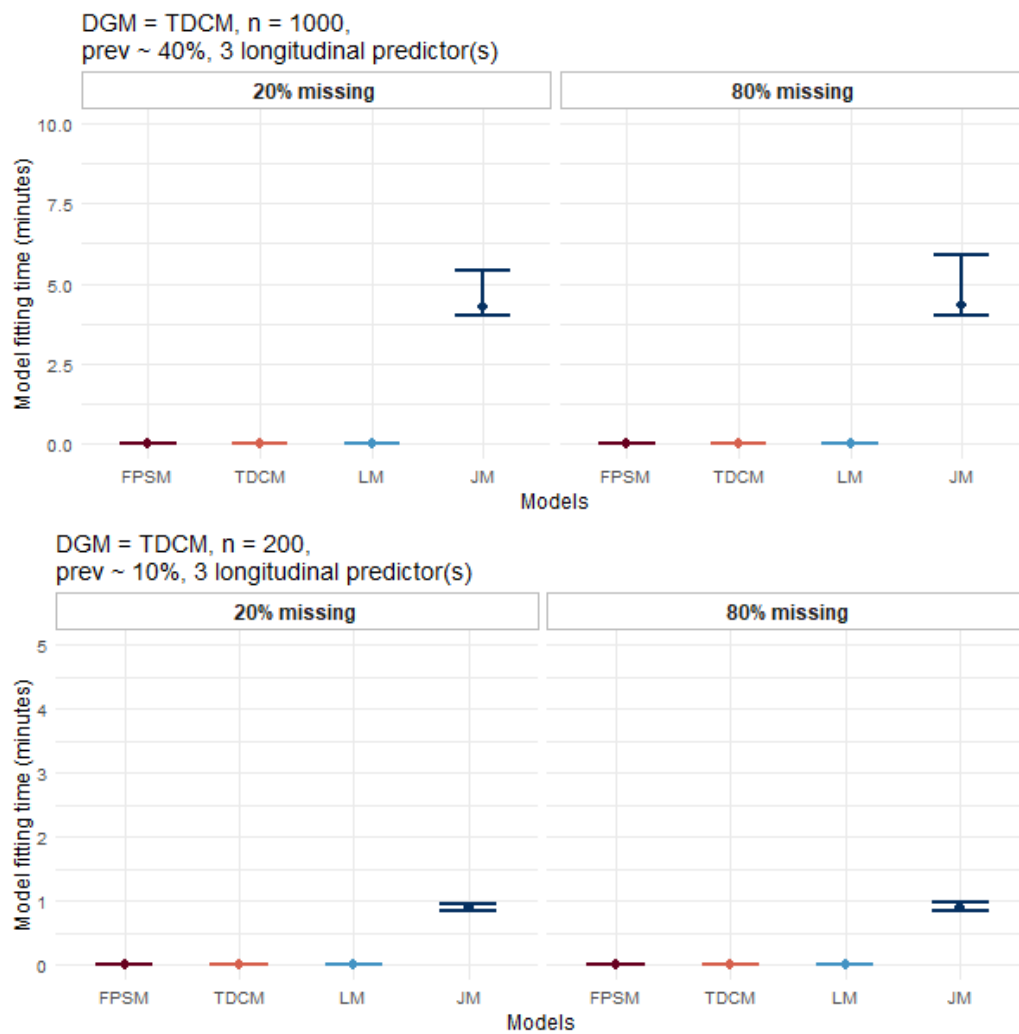


Figure 83: Exploring how model fitting time was influenced by **follow-up missingness**.

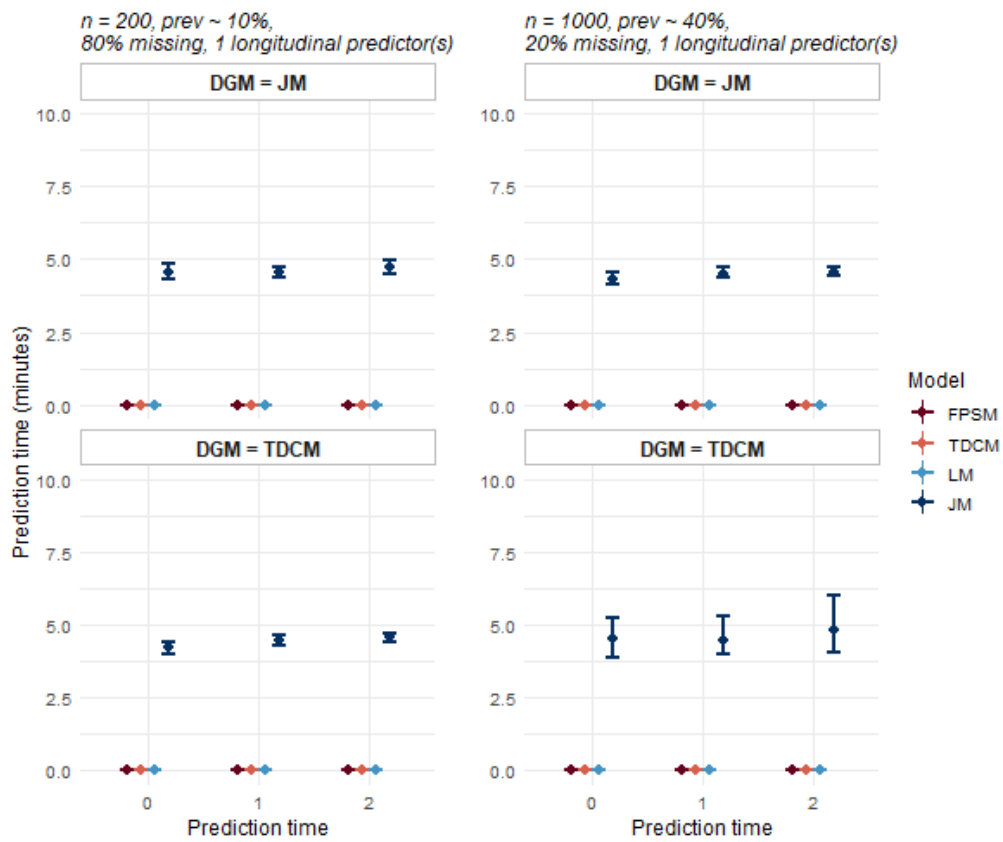


Figure 84: Prediction estimation time under contrasting data generation scenarios.

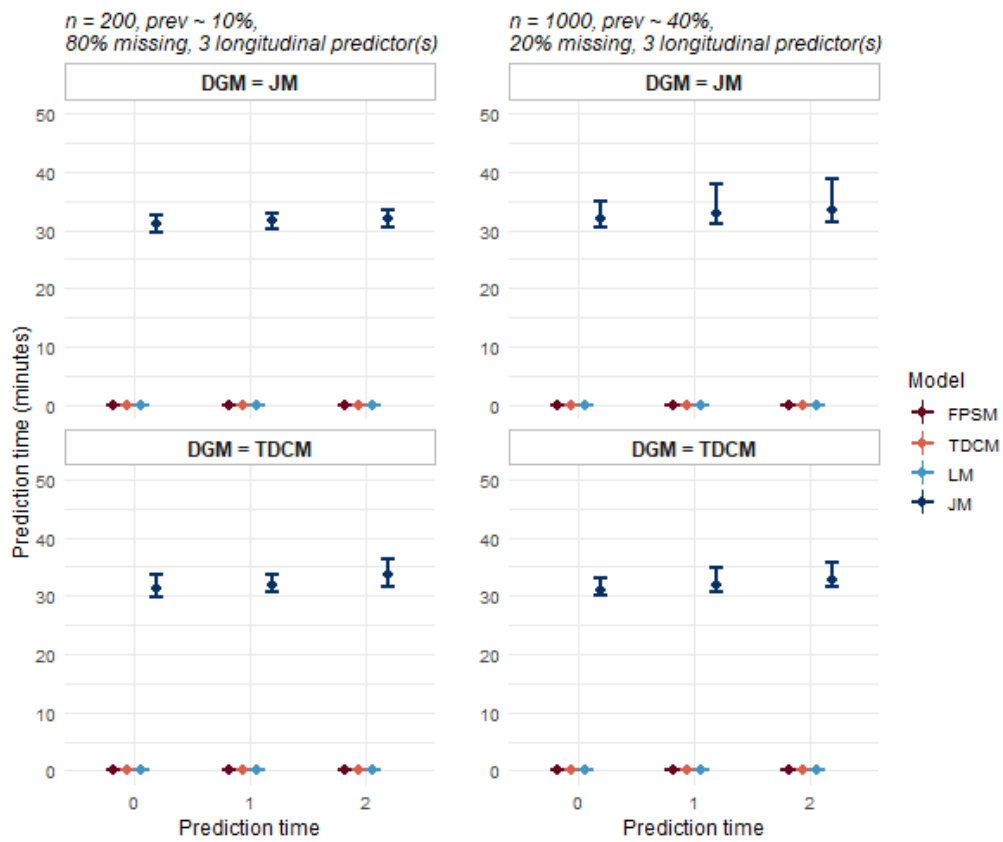


Figure 85: Prediction estimation time under contrasting data generation scenarios.

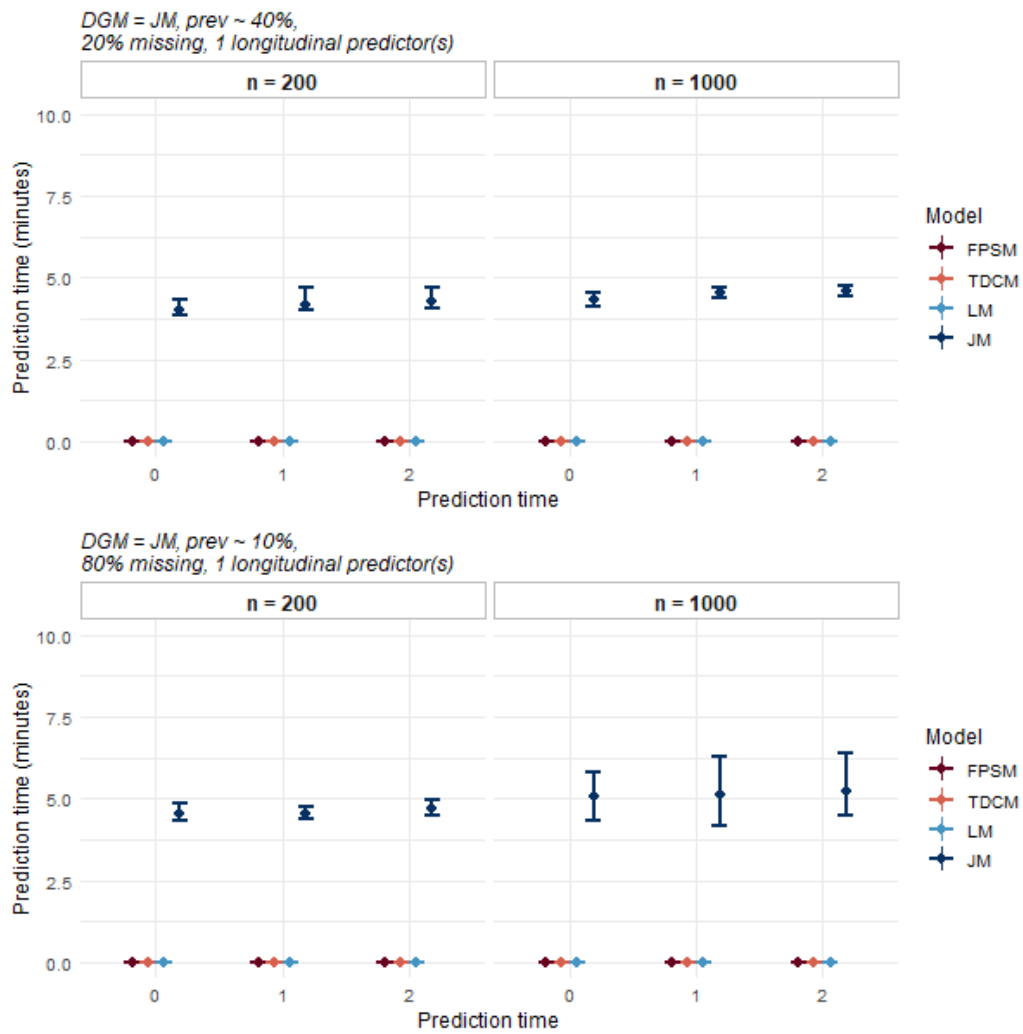


Figure 86: Exploring how prediction estimation time was influenced by **sample size**.

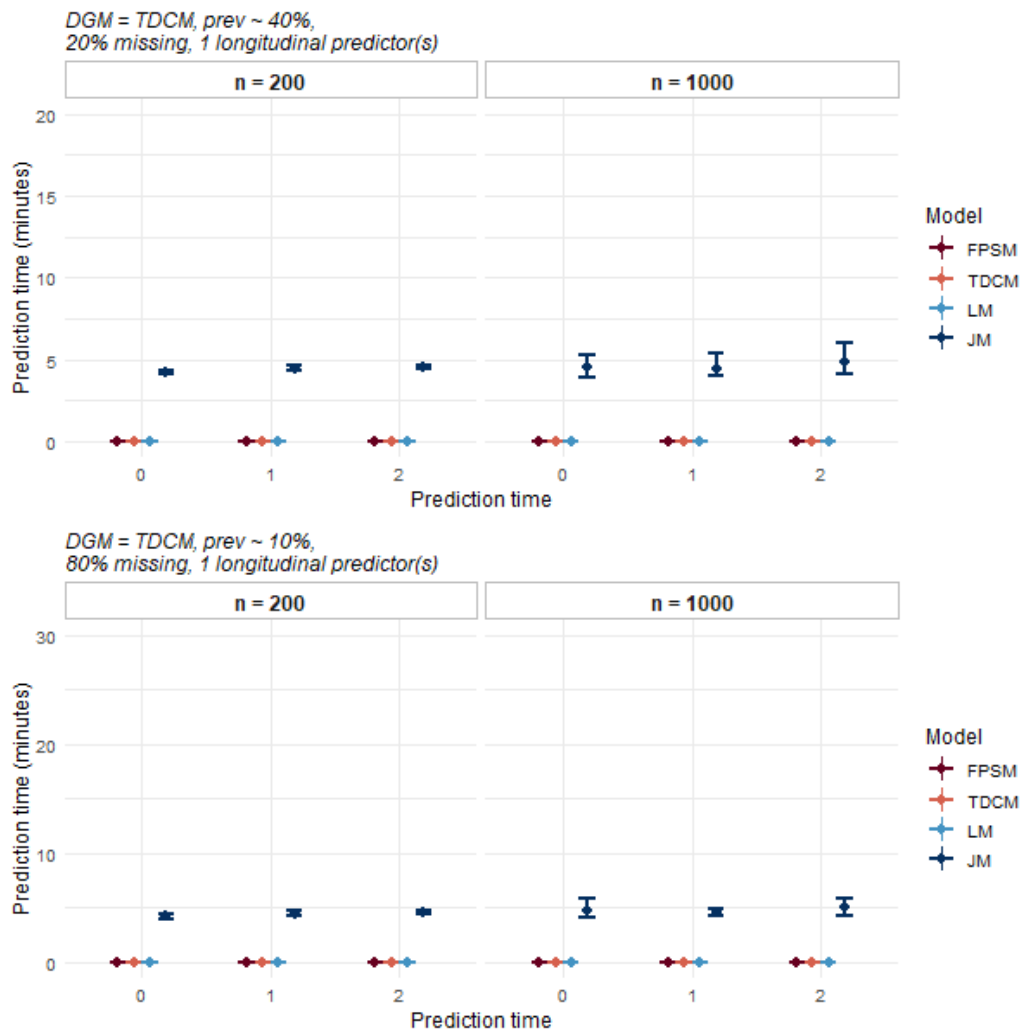


Figure 87: Exploring how prediction estimation time was influenced by **sample size**.

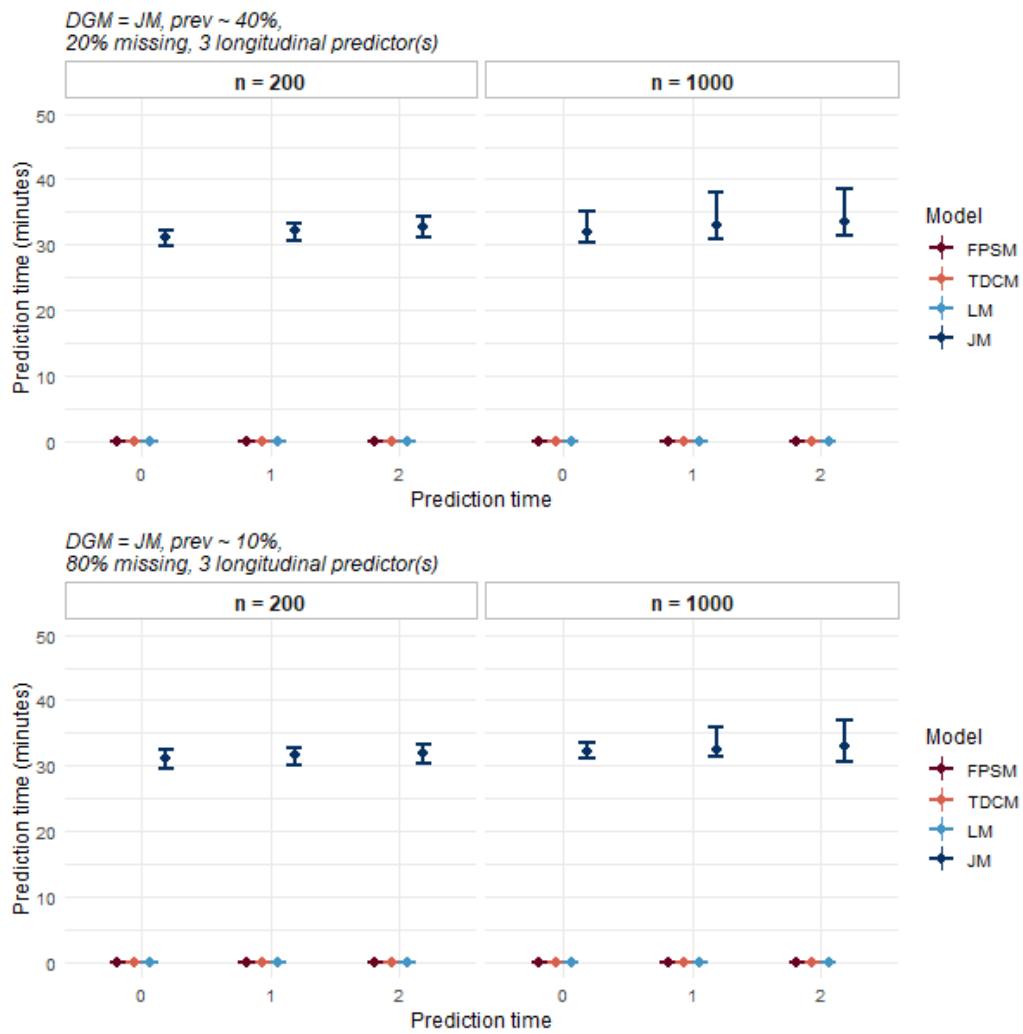


Figure 88: Exploring how prediction estimation time was influenced by **sample size**.



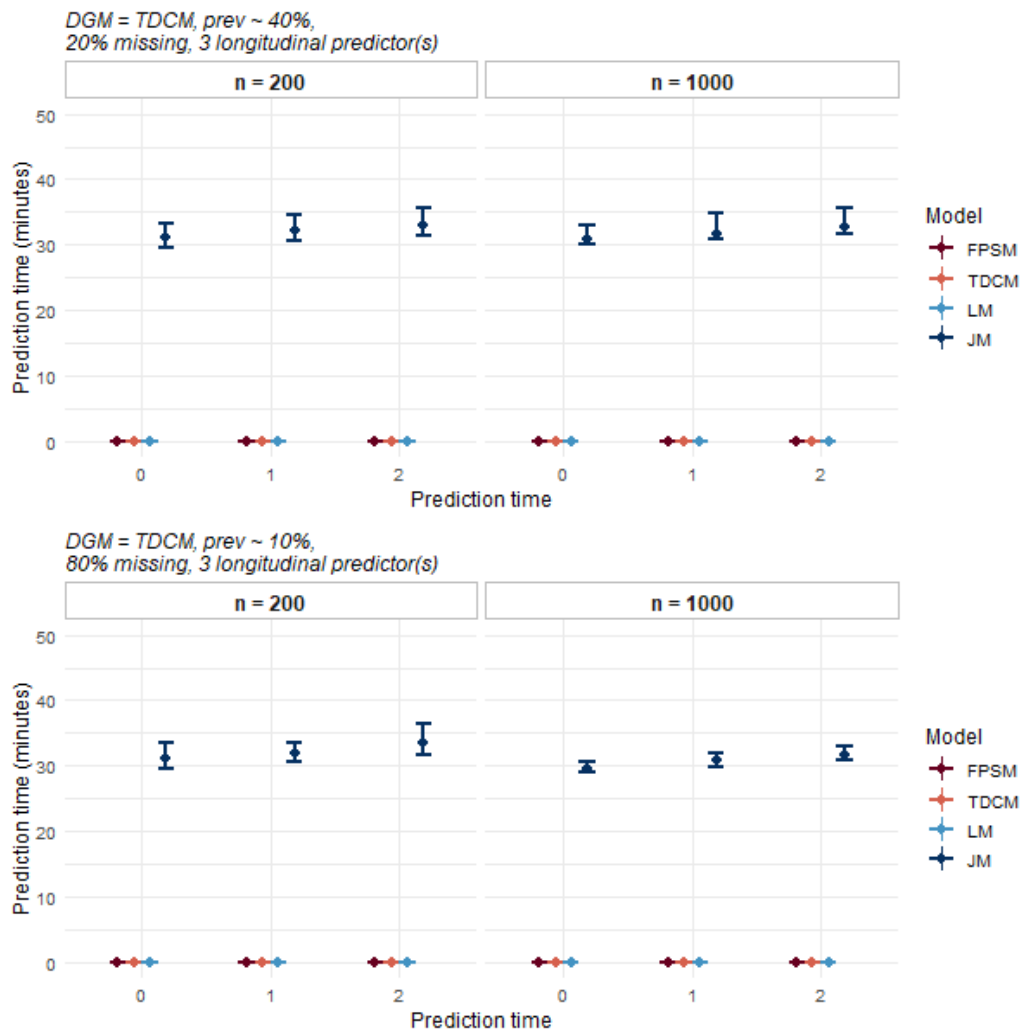


Figure 89: Exploring how prediction estimation time was influenced by **sample size**.

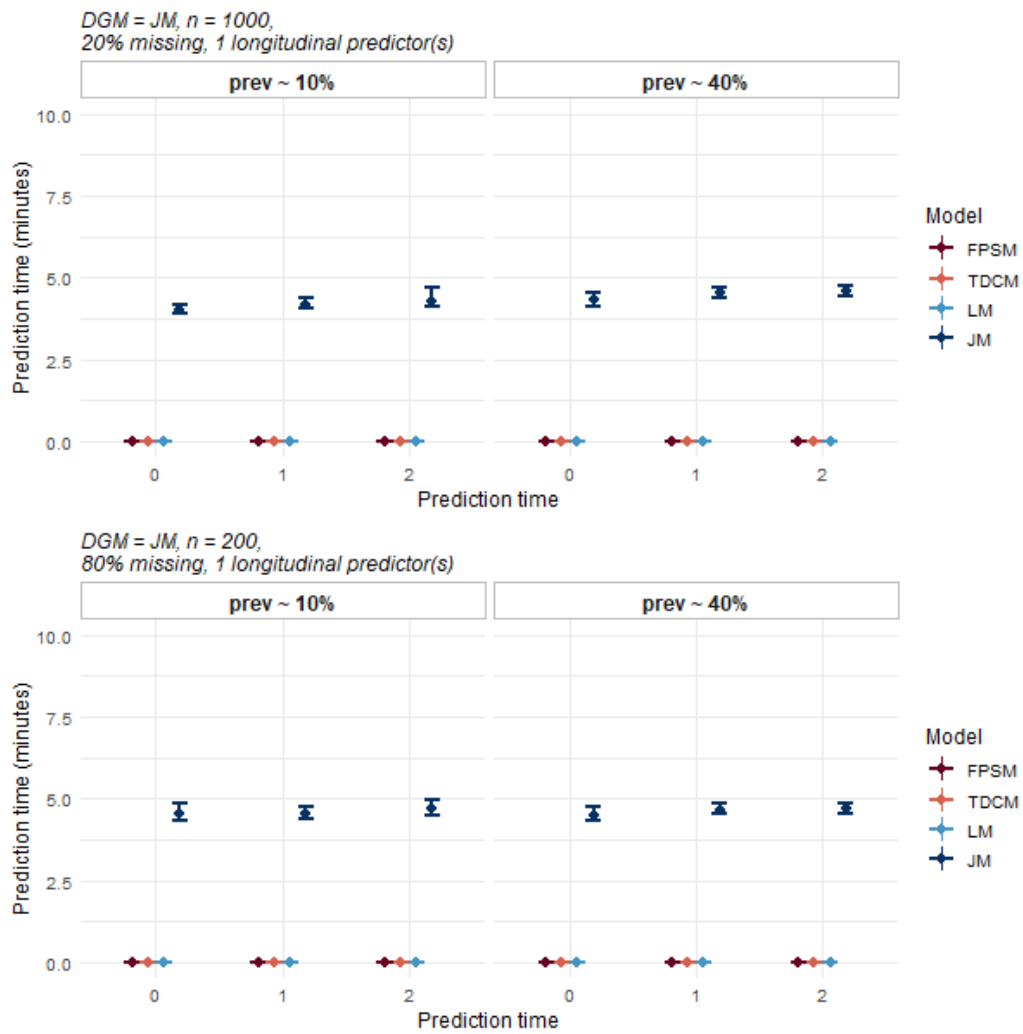


Figure 90: Exploring how prediction estimation time was influenced by **event prevalence**.

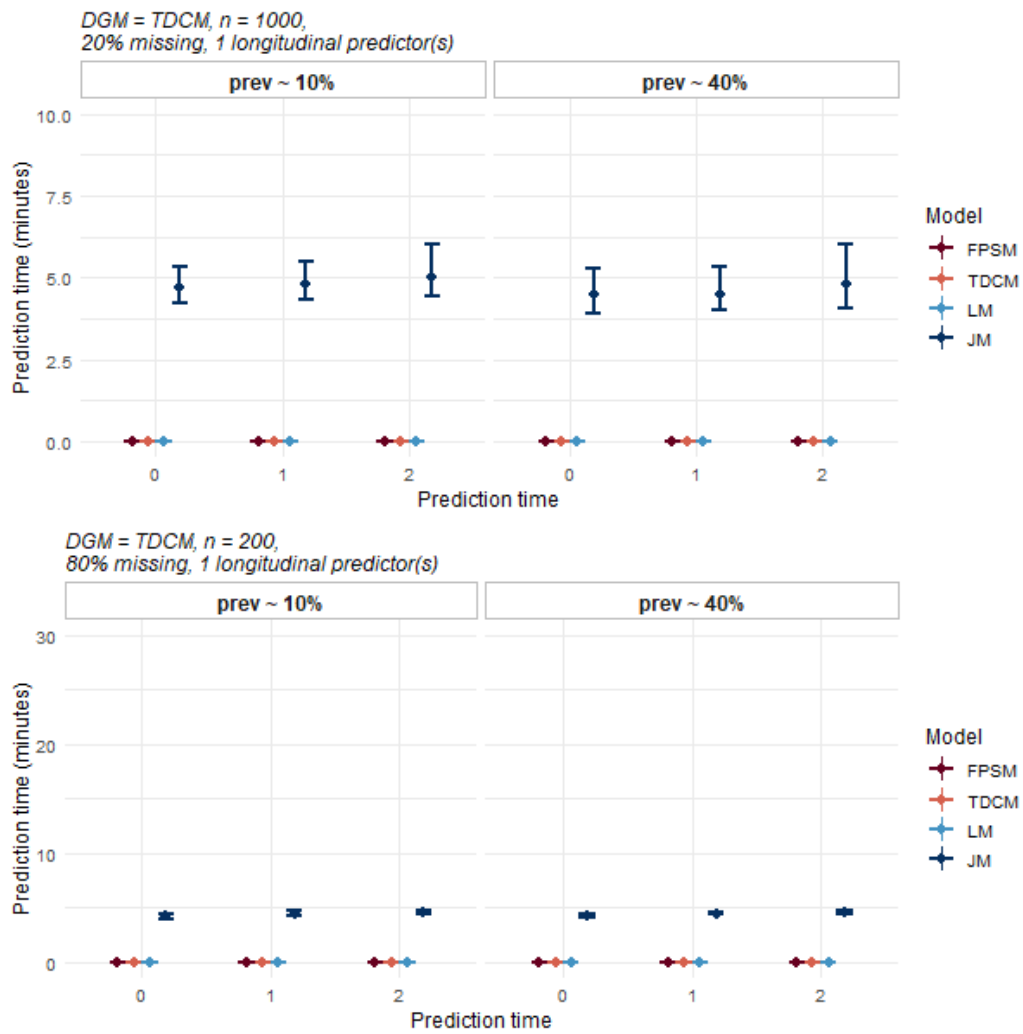


Figure 91: Exploring how prediction estimation time was influenced by **event prevalence**.

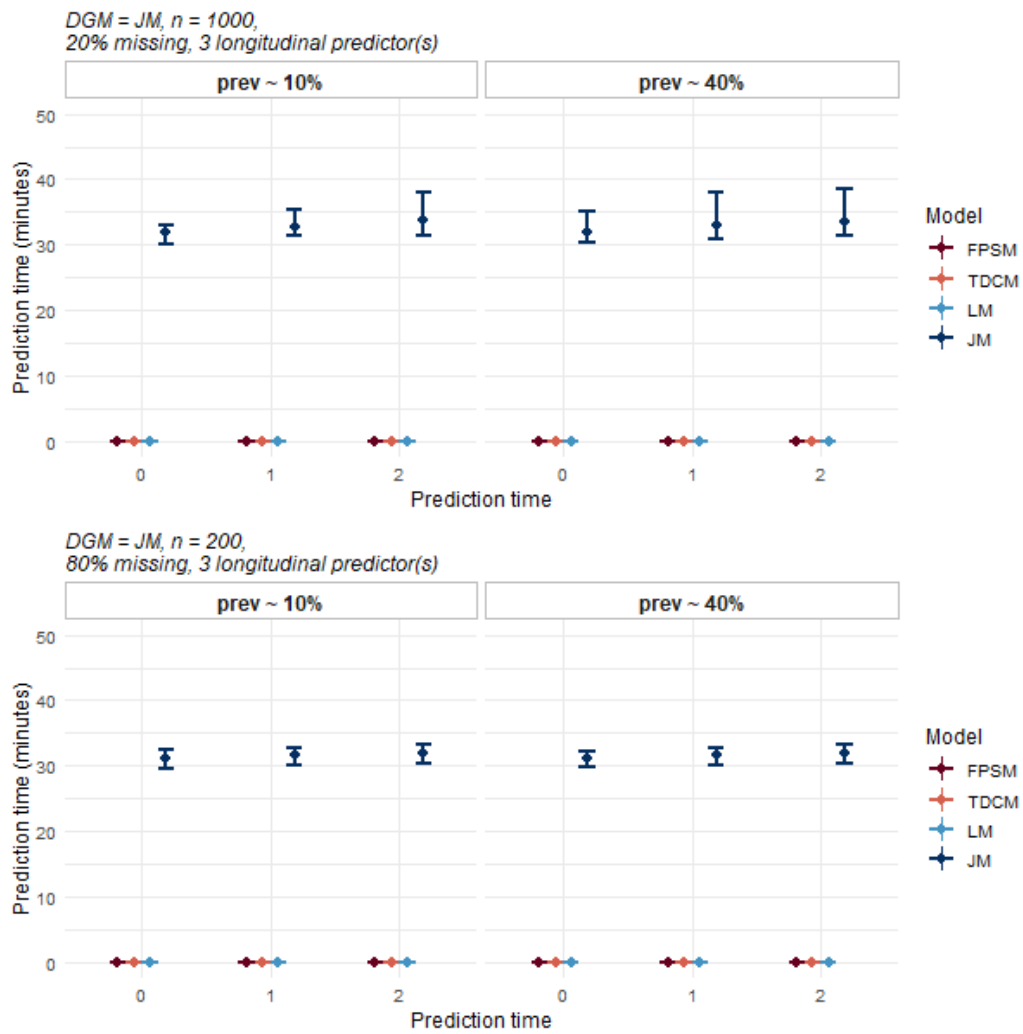


Figure 92: Exploring how prediction estimation time was influenced by **event prevalence**.

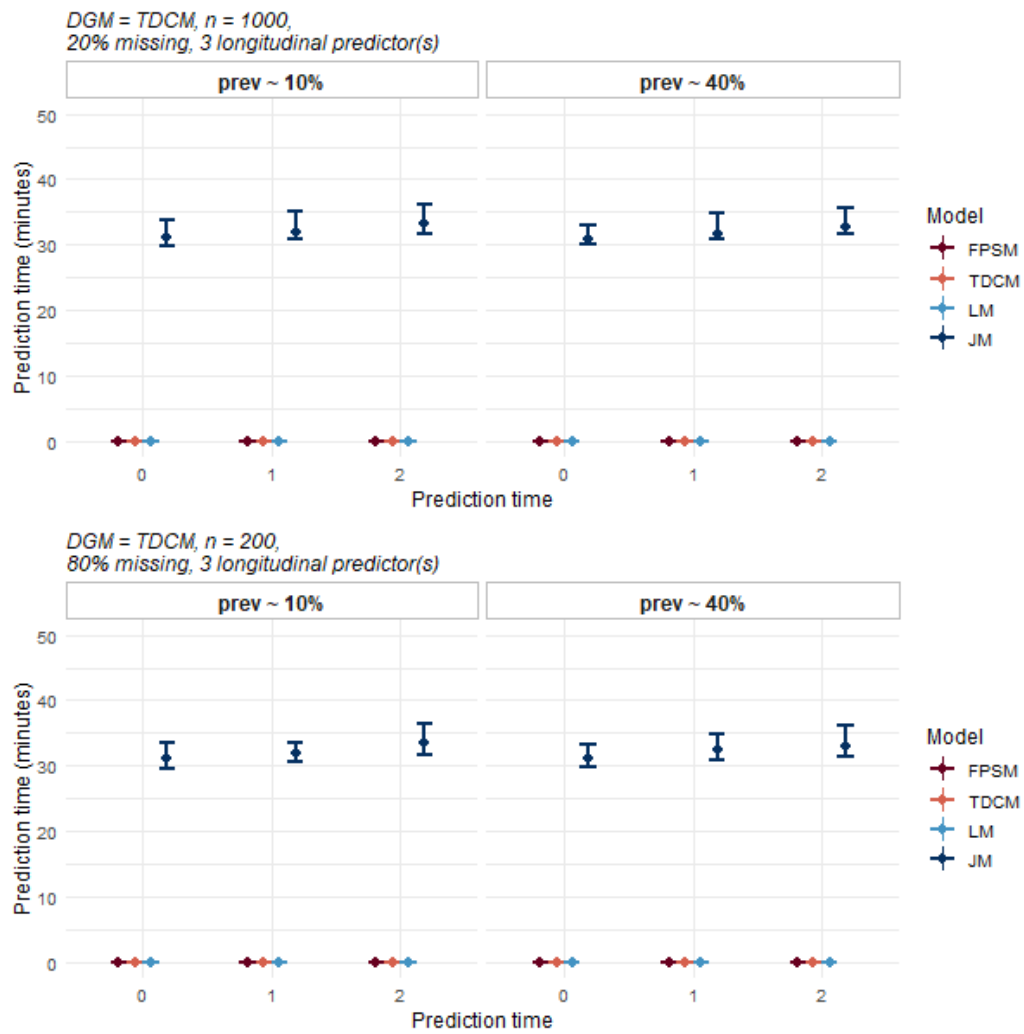


Figure 93: Exploring how prediction estimation time was influenced by **event prevalence**.

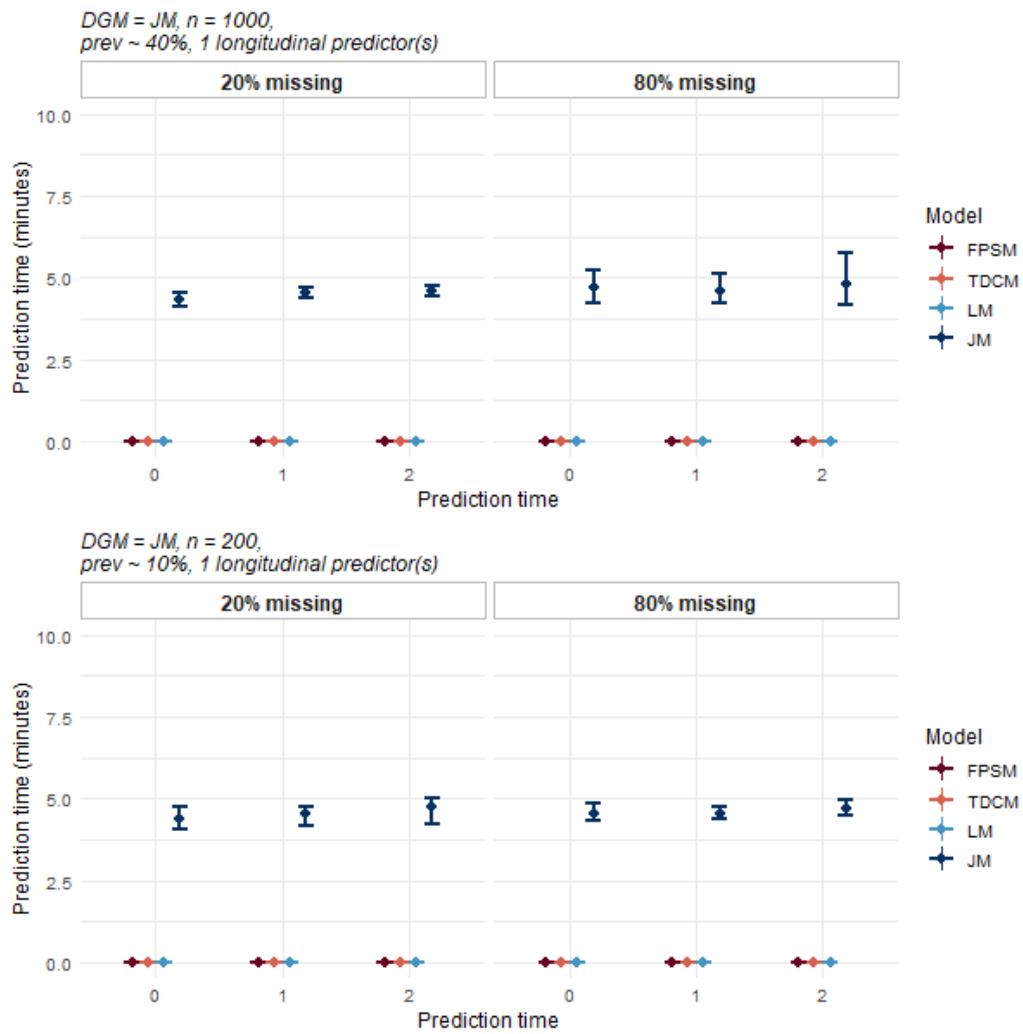


Figure 94: Exploring how prediction estimation time was influenced by follow-up missingness.

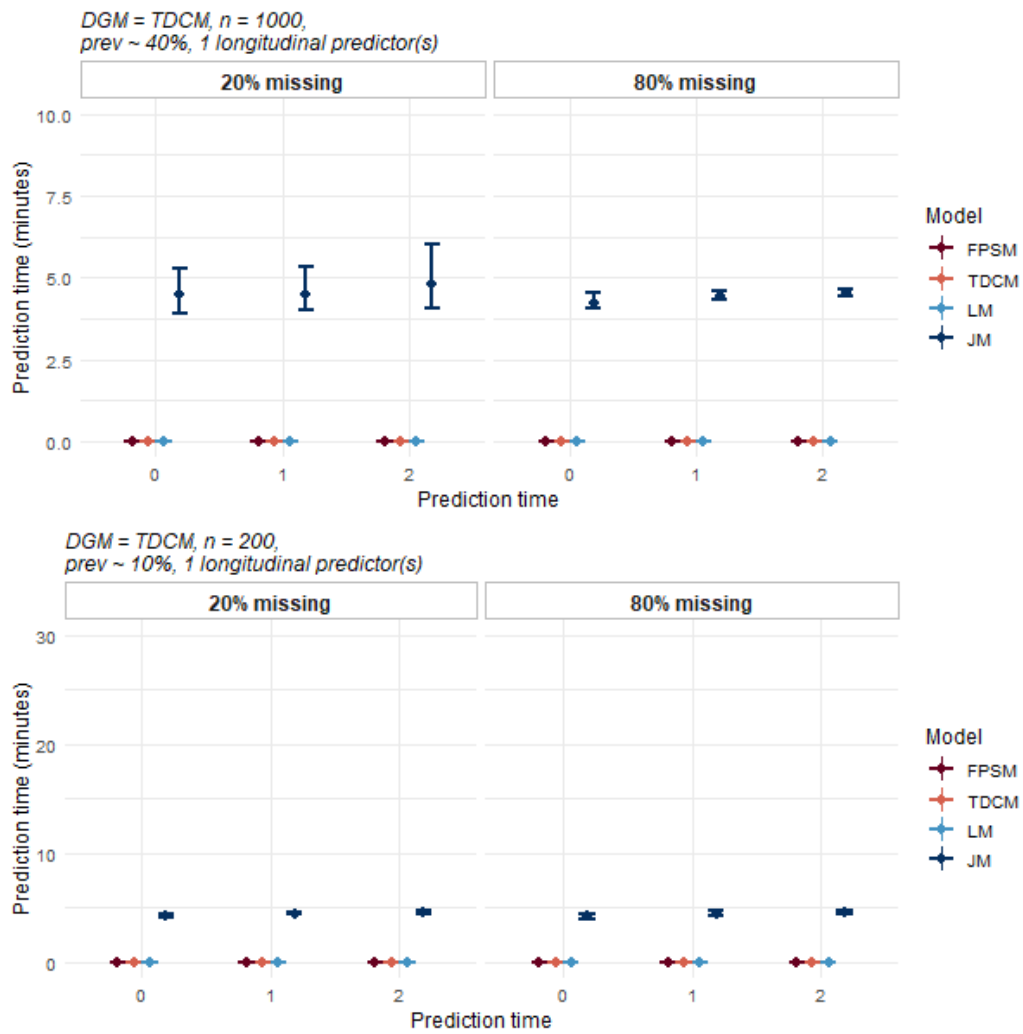


Figure 95: Exploring how prediction estimation time was influenced by follow-up missingness.

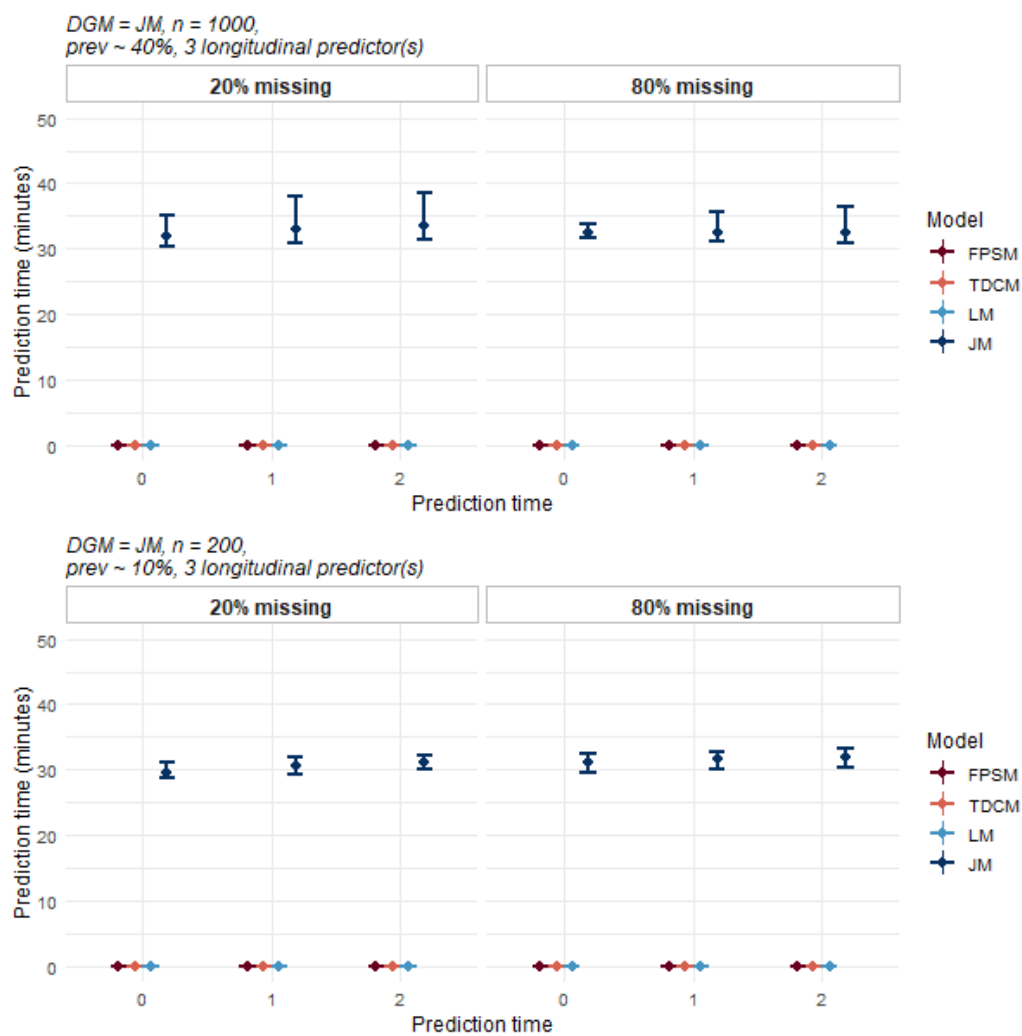


Figure 96: Exploring how prediction estimation time was influenced by follow-up missingness.



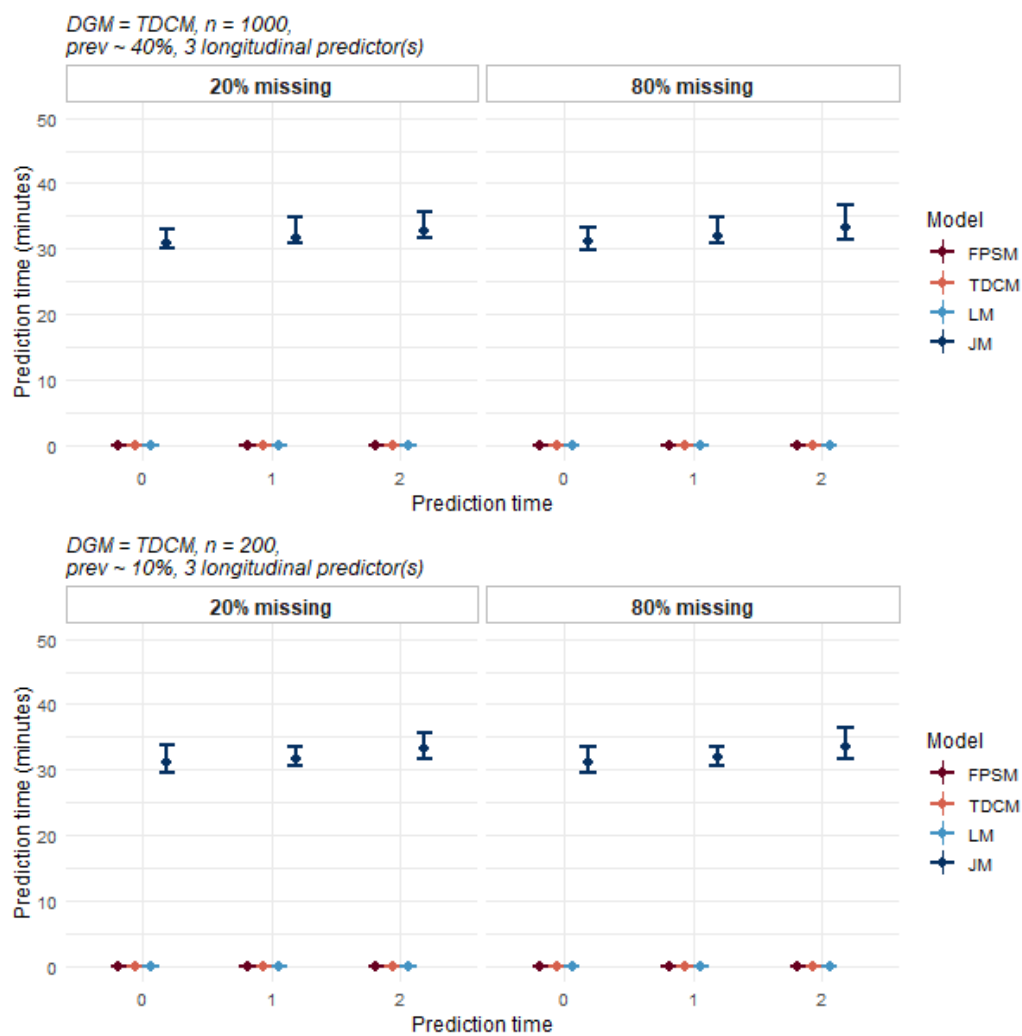


Figure 97: Exploring how prediction estimation time was influenced by follow-up missingness.

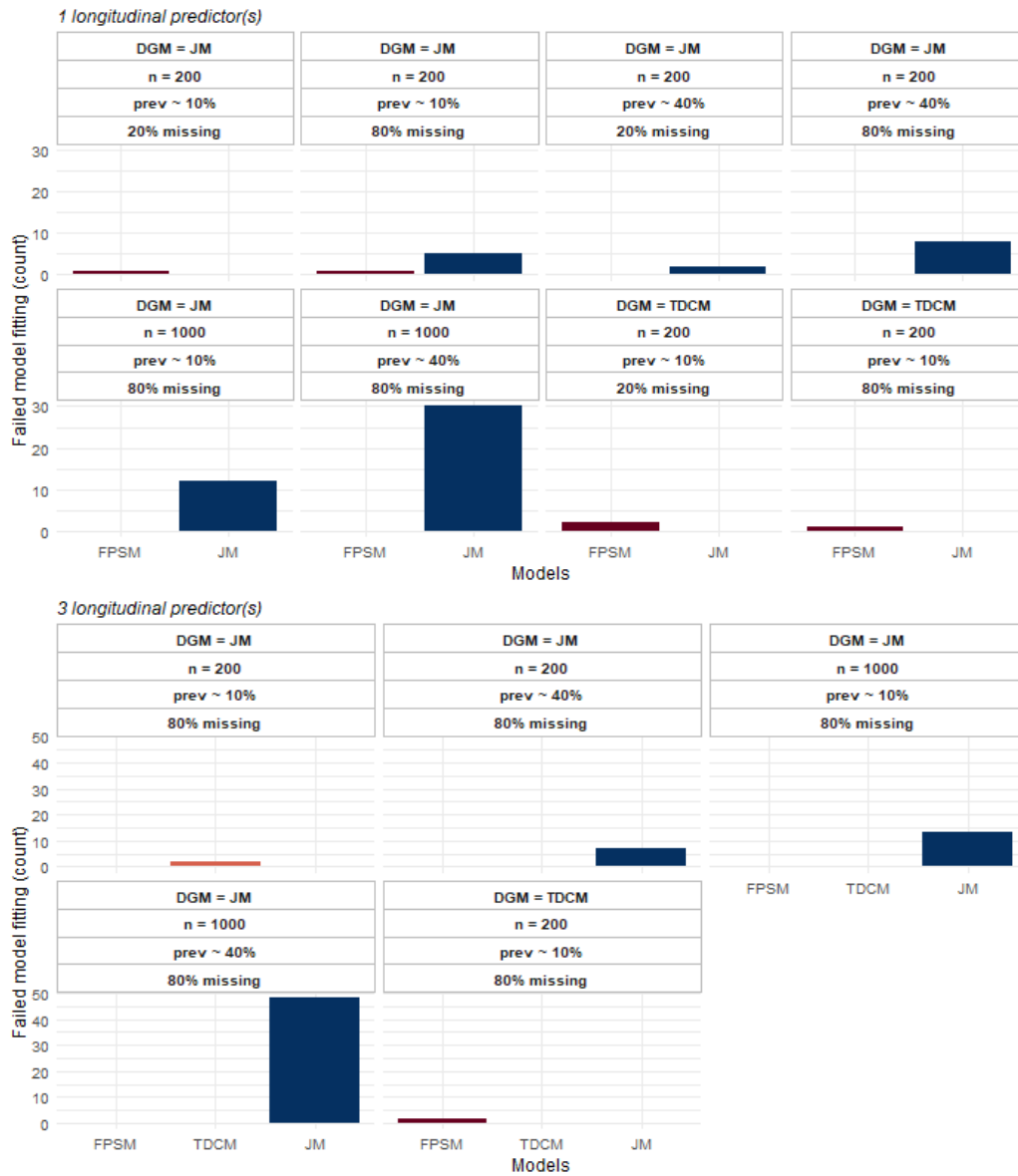


Figure 98: Model fitting failures across scenarios.

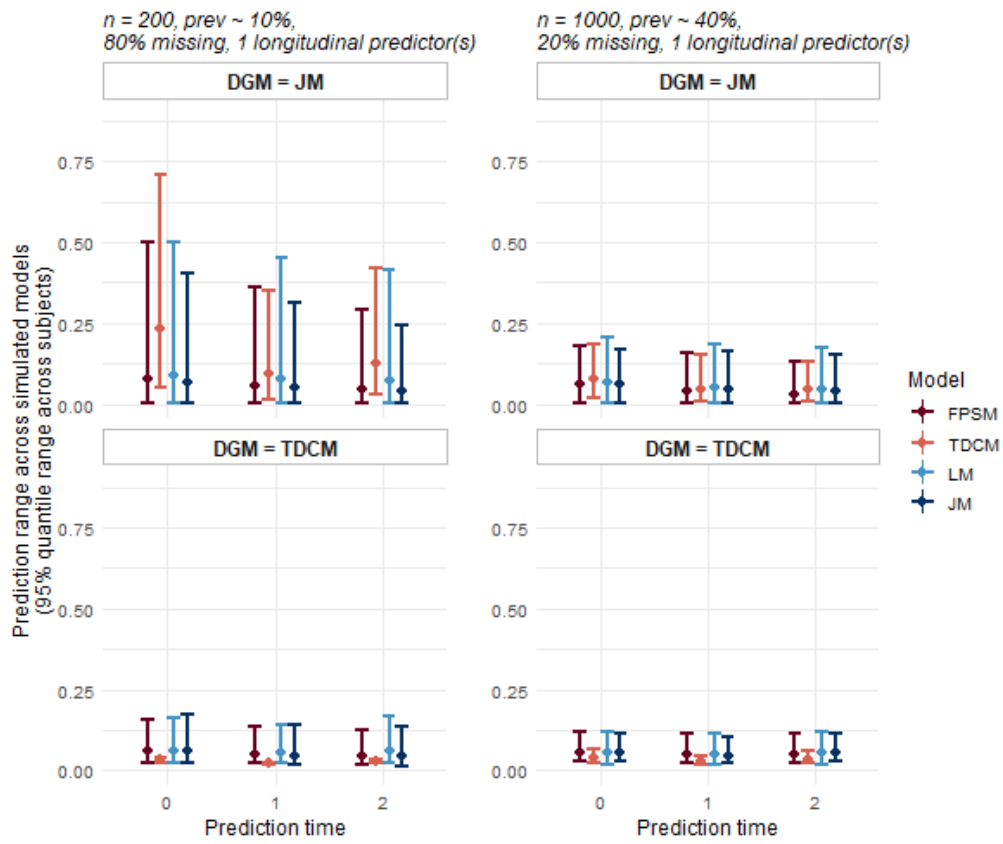


Figure 99: Prediction stability under contrasting data generation scenarios.

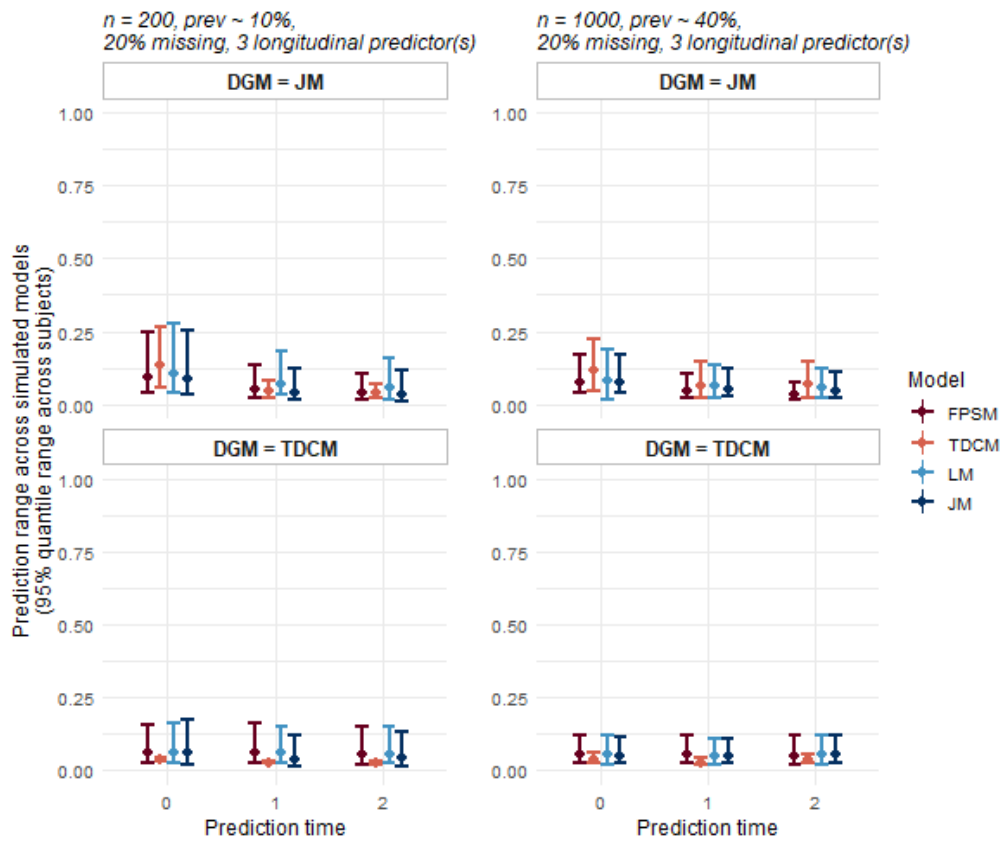


Figure 100: Prediction stability under contrasting data generation scenarios.

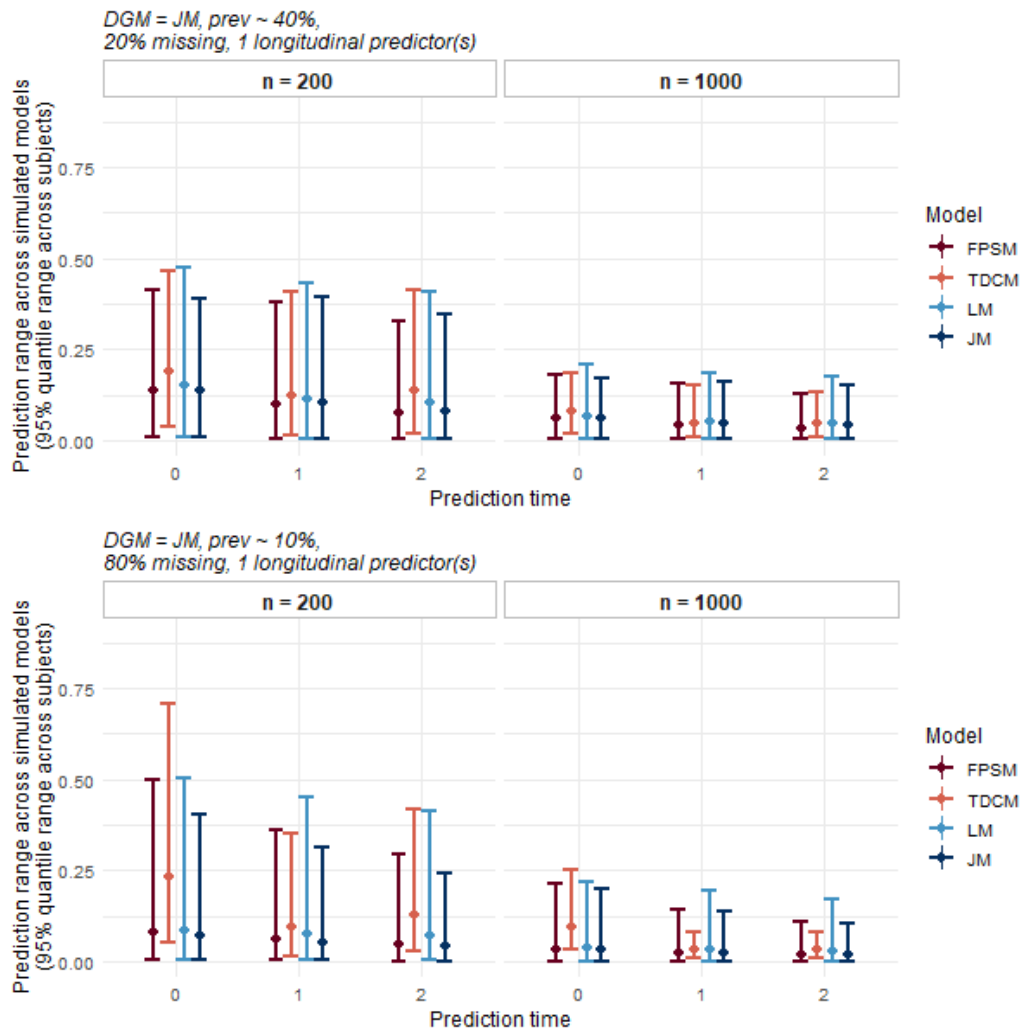


Figure 101: Exploring how prediction stability was influenced by **sample size**.

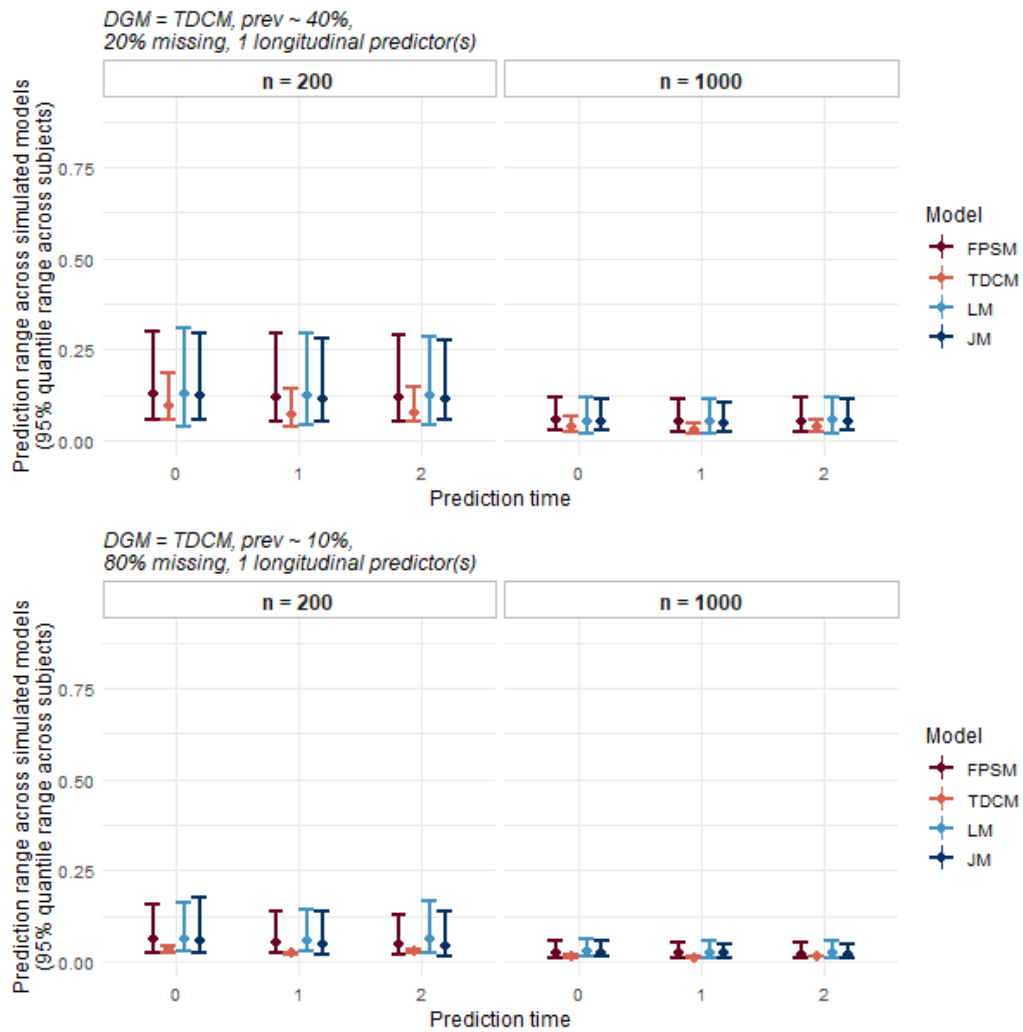


Figure 102: Exploring how prediction stability was influenced by **sample size**.

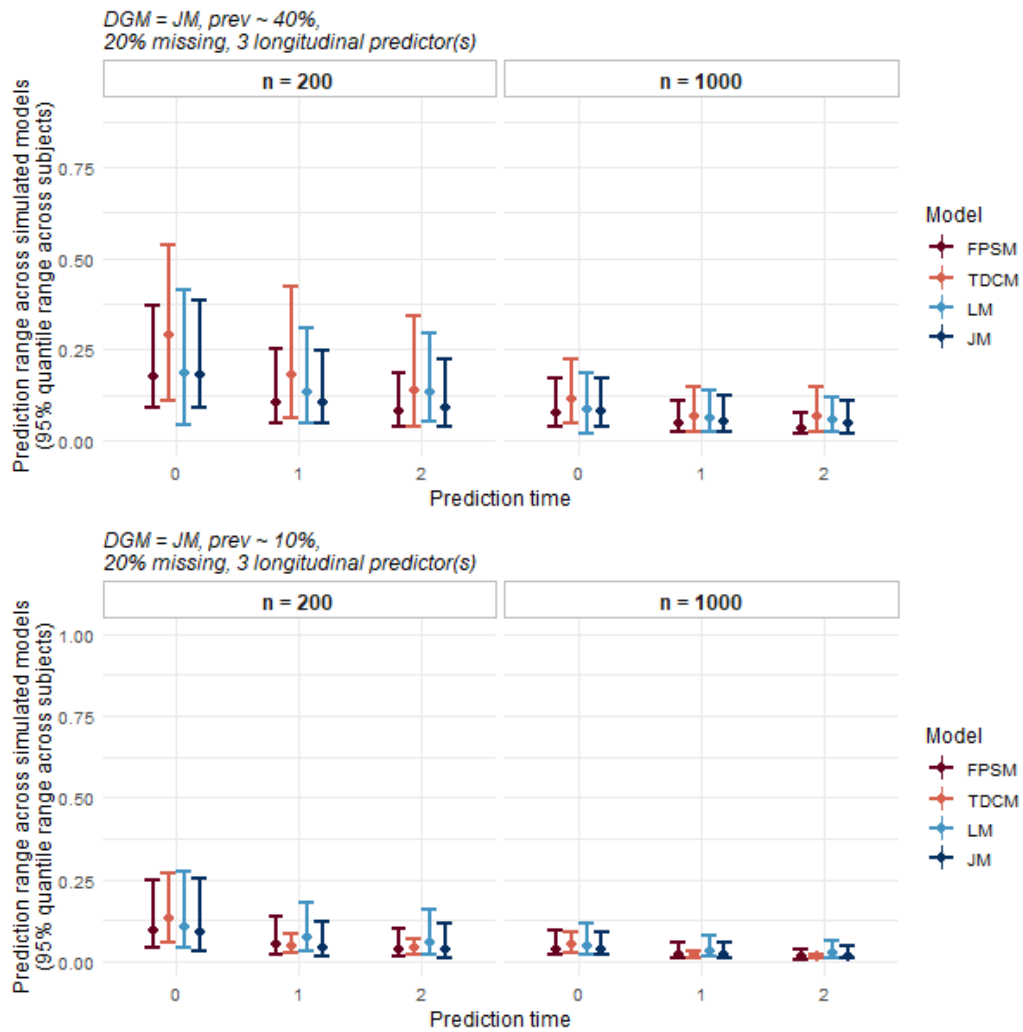


Figure 103: Exploring how prediction stability was influenced by **sample size**.

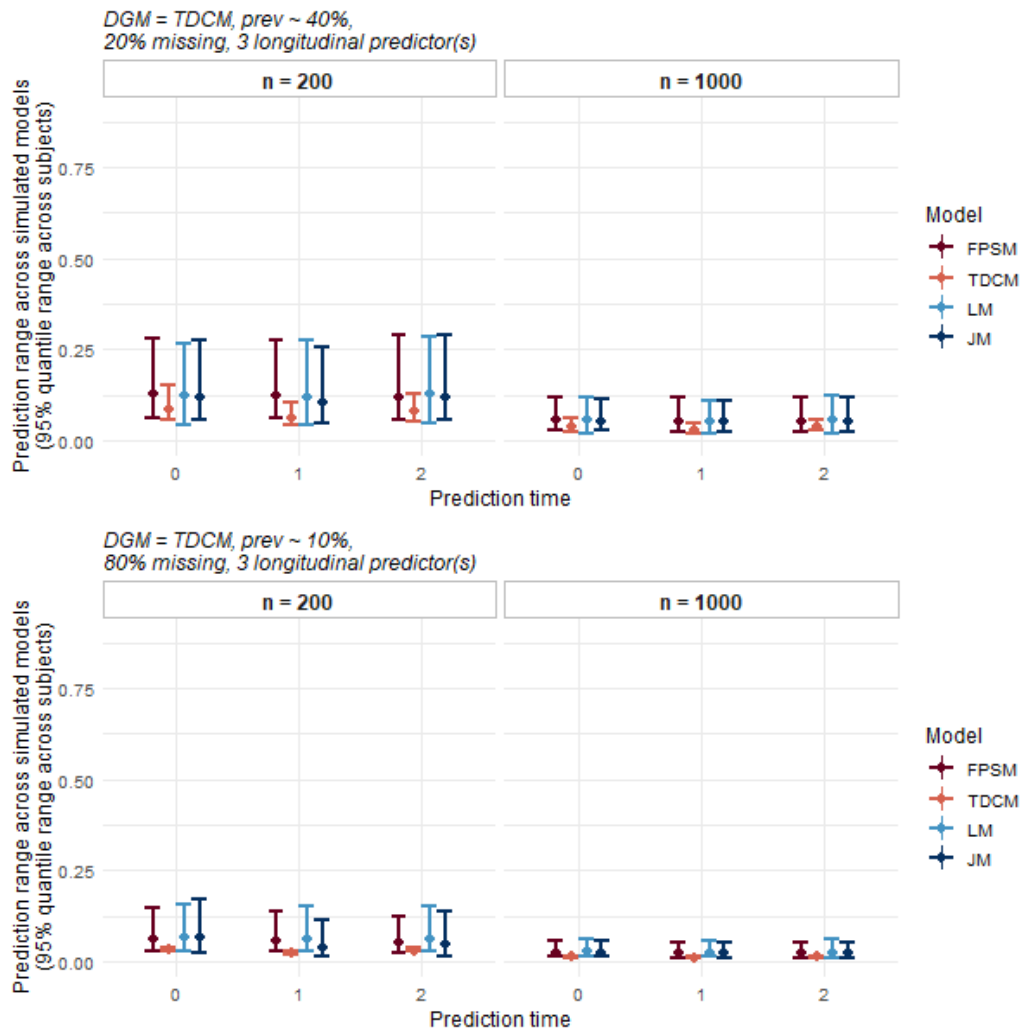


Figure 104: Exploring how prediction stability was influenced by **sample size**.



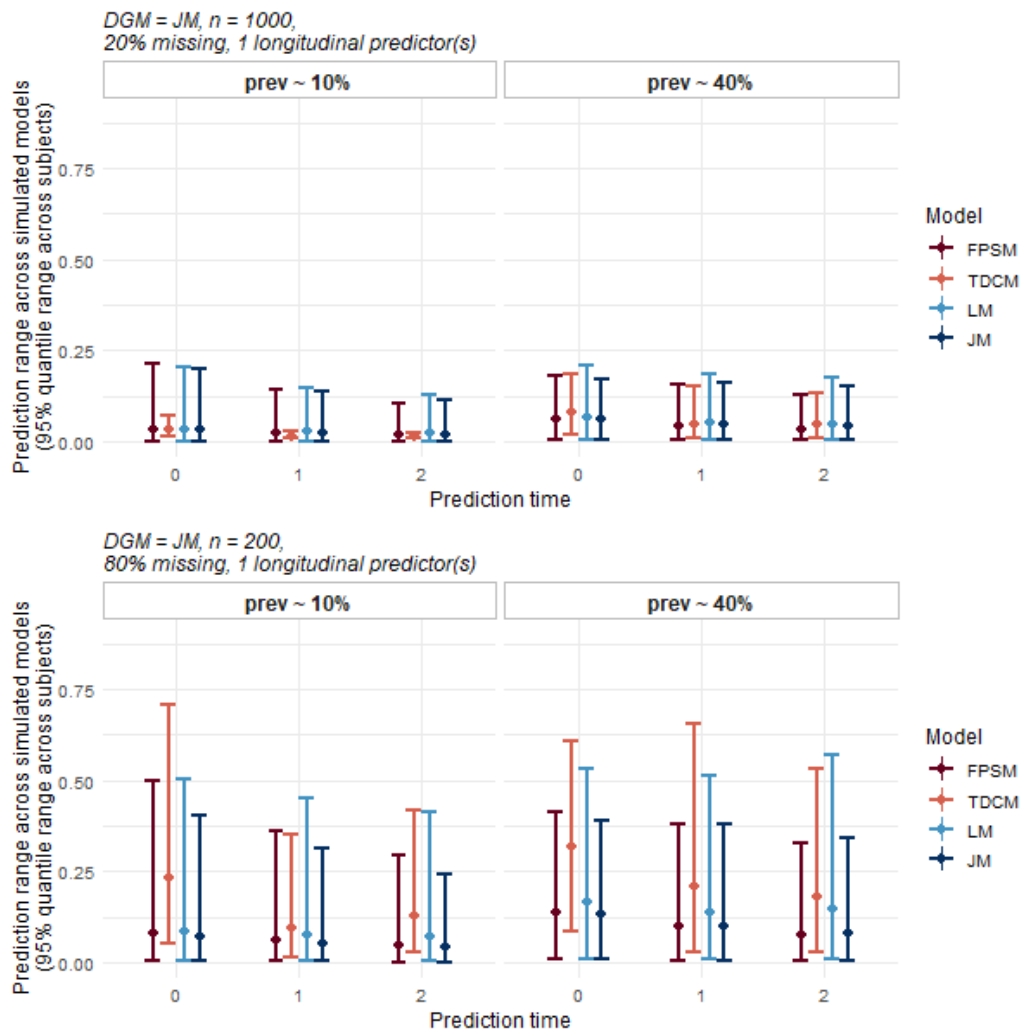


Figure 105: Exploring how prediction stability was influenced by **event prevalence**.

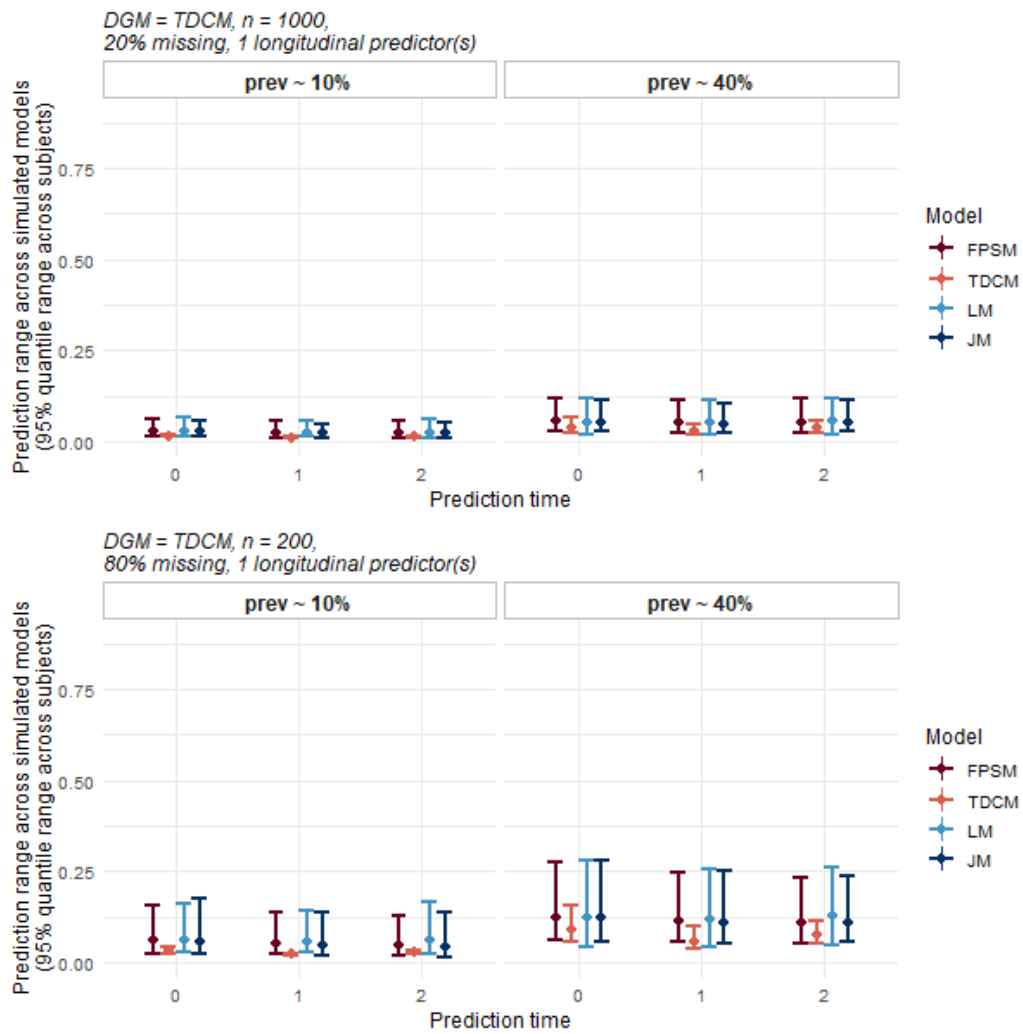


Figure 106: Exploring how prediction stability was influenced by **event prevalence**.

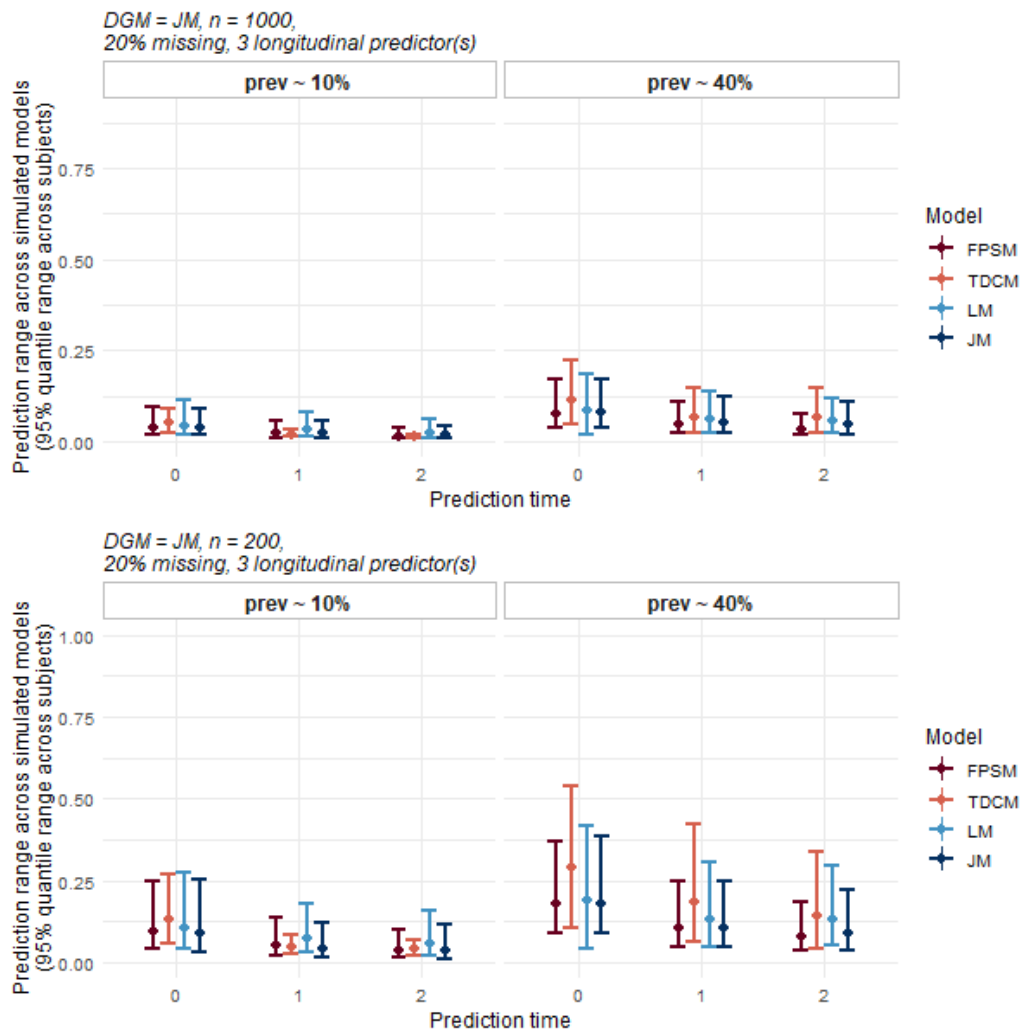


Figure 107: Exploring how prediction stability was influenced by **event prevalence**.

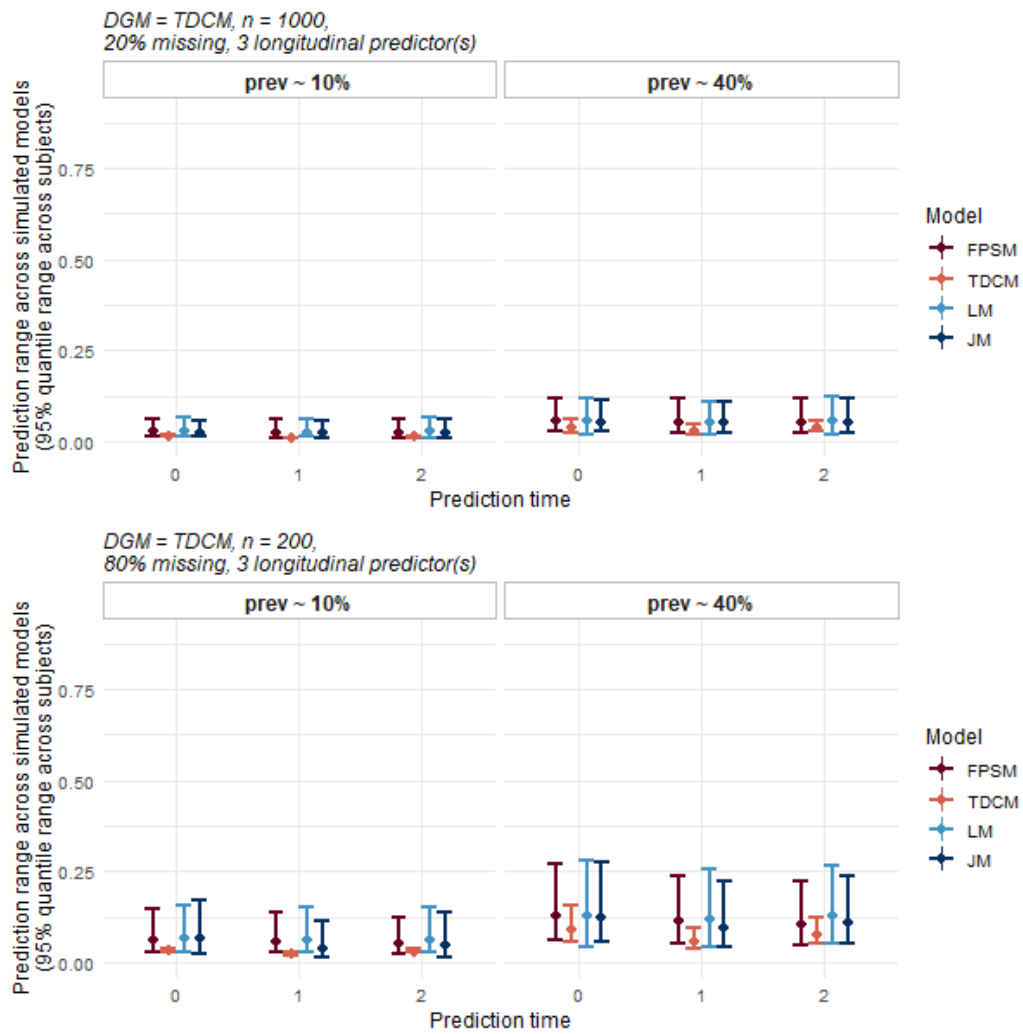


Figure 108: Exploring how prediction stability was influenced by **event prevalence**.

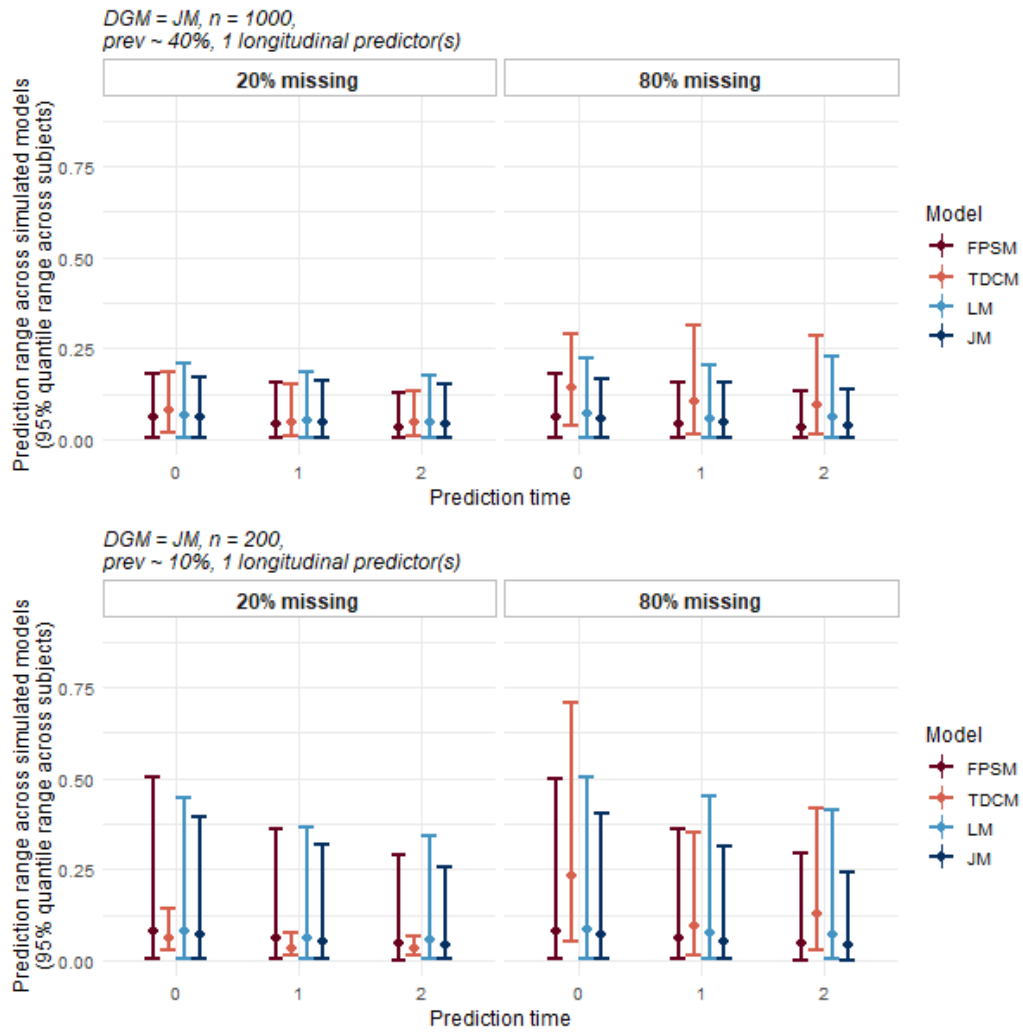


Figure 109: Exploring how prediction stability was influenced by **follow-up missingness**.

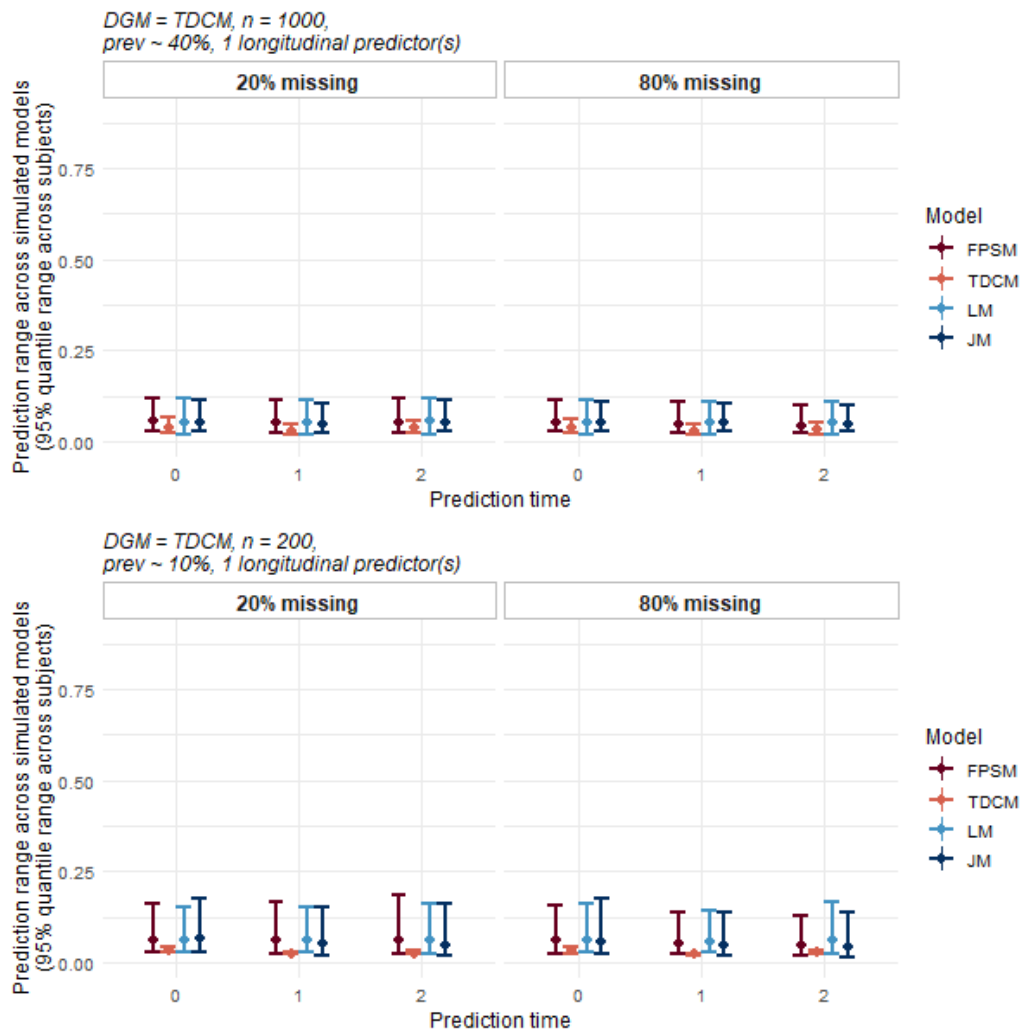


Figure 110: Exploring how prediction stability was influenced by **follow-up missingness**.

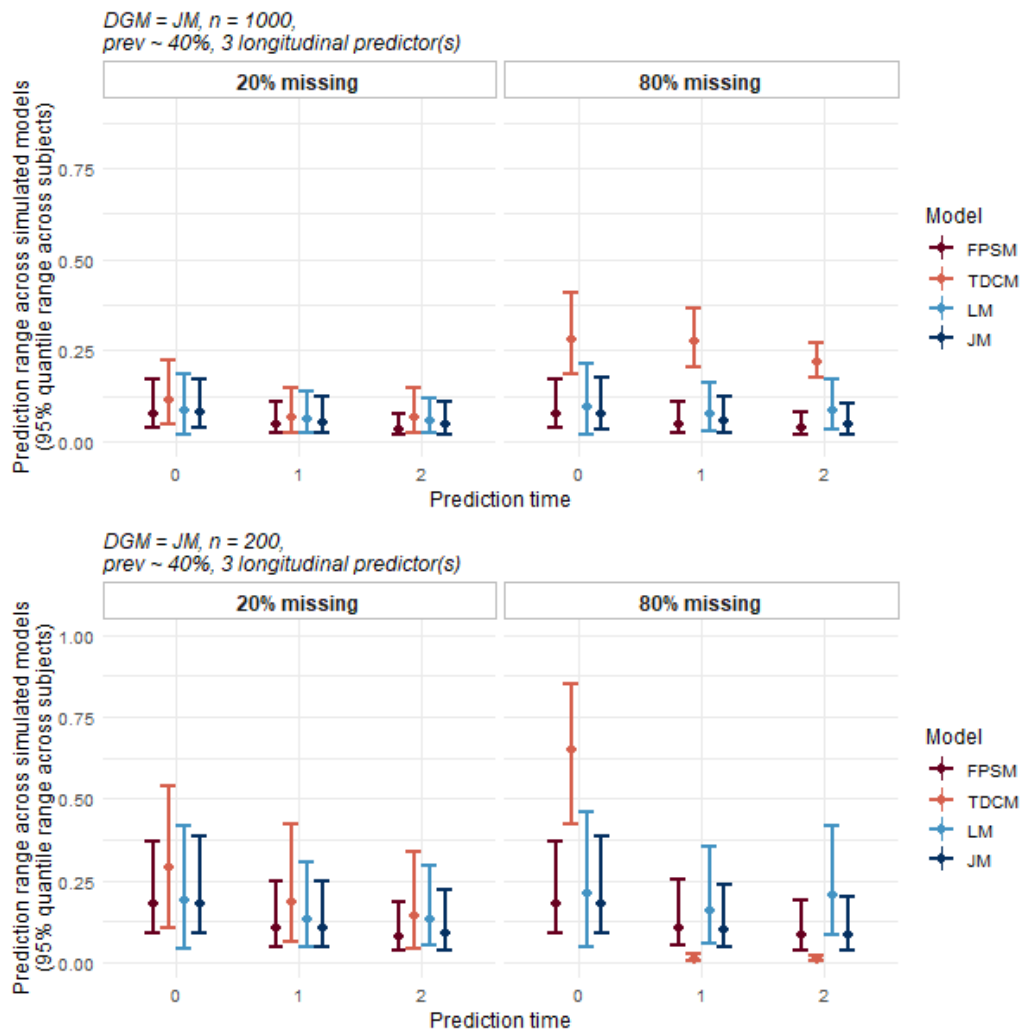


Figure 111: Exploring how prediction stability was influenced by **follow-up missingness**.

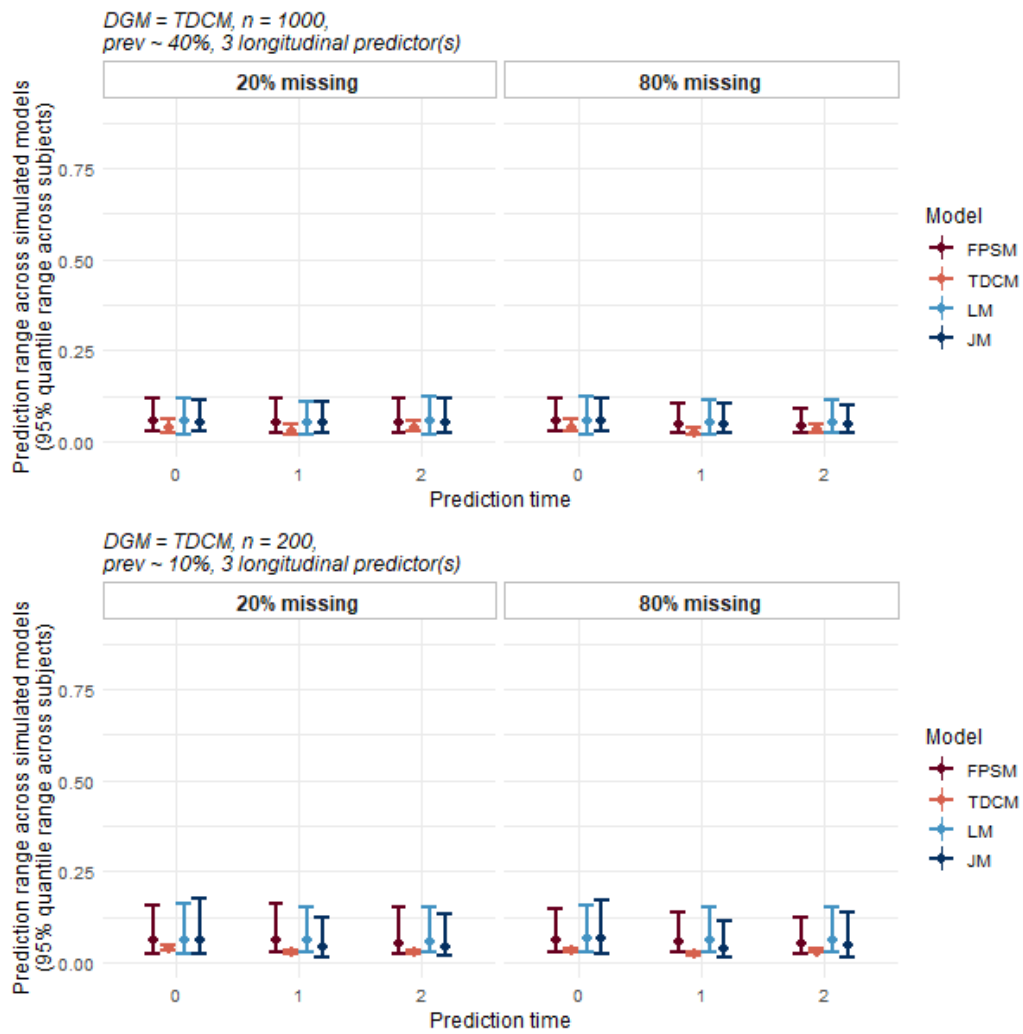


Figure 112: Exploring how prediction stability was influenced by **follow-up missingness**.