

Supplementary File 8. Quality Assessment of Quasi-Experimental Studies Using Adapted Downs and Black Checklist

Study	REPORTING										EXTERNAL VALIDITY			INTERNAL VALIDITY – BIAS AND CONFOUNDING										Total /22
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q25	Q26		
Abelow <sup>33</sup>	1	1	0	1	0	1	0	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	
Adams <sup>97</sup>	1	0	1	1	0	1	1	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Alavi-Moghaddam <sup>41</sup>	1	1	0	0	0	1	1	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	
Andreasen <sup>42</sup>	1	0	0	1	0	1	0	0	0	0	1	UTD	1	1	0	0	1	1	1	n/a	UTD	UTD	9	
Annan <sup>43</sup>	1	1	1	1	0	1	0	0	0	0	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	12	
Ansari <sup>44</sup>	1	0	0	1	0	1	0	1	0	0	1	UTD	1	UTD	0	1	1	0	1	n/a	UTD	UTD	9	
Baer <sup>45</sup>	0	0	1	1	0	1	1	1	0	1	1	UTD	1	1	1	0	1	1	1	n/a	UTD	UTD	13	
Beaty <sup>46</sup>	1	1	1	1	0	1	0	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	14	
Boral <sup>80</sup>	1	0	0	1	0	1	1	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	13	
Brandis <sup>47</sup>	0	0	0	1	0	1	0	1	0	0	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	10	
Brandt <sup>48</sup>	1	0	0	1	0	1	0	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	12	
Butler <sup>49</sup>	0	1	0	0	1	1	0	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	12	
Ciccocioppo <sup>91</sup>	0	1	0	1	0	1	1	1	0	0	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	12	
Corwin <sup>50</sup>	0	1	0	1	0	1	1	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	13	
Eindhoven <sup>107</sup>	1	0	0	1	0	1	1	1	0	1	1	UTD	1	0	1	1	UTD	1	0	UTD	UTD	UTD	11/23	
Fernandez Perez <sup>98</sup>	1	1	0	0	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Frank <sup>34</sup>	1	1	1	1	0	1	0	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	

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Gallagher-Swann <sup>51</sup>	1	0	1	1	0	1	0	0	0	n/a	UTD	UTD	1	UTD	1	n/a	1	1	1	n/a	UTD	UTD	9	
Gardner <sup>52</sup>	1	1	0	1	0	1	0	1	0	0	1	UTD	1	UTD	0	1	1	1	1	n/a	UTD	UTD	11	
Garrioch <sup>53</sup>	1	1	0	1	0	1	1	1	0	0	1	UTD	1	UTD	0	1	1	1	1	n/a	UTD	UTD	12	
Geissler <sup>54</sup>	1	0	0	1	0	1	1	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	13	
Goodnough <sup>30</sup>	1	1	0	1	0	1	0	1	0	1	1	UTD	1	0	0	1	1	1	1	n/a	UTD	UTD	12	
Goodnough <sup>29</sup>	1	1	0	1	0	1	0	1	0	0	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	12	
Gutsche <sup>55</sup>	1	0	0	1	0	1	1	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	13	
Haldiman <sup>56</sup>	1	1	0	1	0	1	0	0	0	n/a	1	UTD	1	UTD	1	n/a	1	1	1	n/a	UTD	UTD	10	
Handler <sup>32</sup>	0	1	0	1	0	0	0	0	0	n/a	1	UTD	1	1	1	n/a	UTD	1	0	1	UTD	UTD	8/23	
Harrison <sup>57</sup>	1	1	0	1	0	1	0	1	0	0	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	12	
Hassan <sup>110</sup>	1	1	0	0	0	1	1	1	0	1	1	UTD	1	1	1	0	1	1	0	1	UTD	UTD	13/23	
Heyes <sup>35</sup>	1	1	0	1	0	1	0	0	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	12	
Hicks <sup>36</sup>	1	1	0	1	0	1	0	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	
Hillman <sup>81</sup>	1	0	0	0	0	1	1	0	0	0	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	10	
Hoeg <sup>87</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	UTD	1	1	1	1	1	n/a	UTD	UTD	14	
Horowitz <sup>88</sup>	1	0	0	1	0	1	0	0	0	0	1	UTD	1	1	1	1	1	1	UTD	1	n/a	UTD	UTD	10
Joubert <sup>82</sup>	1	1	0	1	0	1	0	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	
Joyce <sup>109</sup>	1	0	0	1	0	1	1	0	1	0	UTD	UTD	1	1	1	1	1	UTD	1	1	UTD	UTD	UTD	11/23

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King <sup>58</sup>	1	1	0	1	0	1	0	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	
Lam <sup>108</sup>	1	1	1	0	0	1	0	0	0	1	1	UTD	1	1	1	0	1	1	0	1	UTD	UTD	13/23	
Lam <sup>111</sup>	1	1	0	1	0	1	0	0	0	1	1	UTD	1	1	UTD	1	UTD	1	1	1	UTD	UTD	12/23	
Larson <sup>104</sup>	1	1	0	1	0	1	0	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	
Leahy <sup>59</sup>	0	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Leão <sup>83</sup>	1	1	0	1	0	1	0	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	
Lee <sup>92</sup>	0	1	0	1	0	1	0	0	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	11	
Lewis <sup>101</sup>	0	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Likosky <sup>60</sup>	1	1	0	1	0	1	0	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Littenberg <sup>61</sup>	1	1	0	1	0	1	0	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Lucas <sup>62</sup>	0	1	0	1	0	1	0	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	12	
Madrigal <sup>37</sup>	1	1	0	1	0	1	1	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Mahar <sup>63</sup>	1	1	0	1	0	1	0	0	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	12	
Markel <sup>65</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Meybohm <sup>105</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	14	
McCrary <sup>66</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
McSwiney <sup>89</sup>	1	1	0	1	0	1	1	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
McWilliams <sup>99</sup>	1	0	0	1	0	1	0	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	

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Morrison <sup>67</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Muller <sup>90</sup>	1	1	0	1	0	1	1	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Murphy <sup>68</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Norgaard <sup>38</sup>	1	1	0	1	0	1	1	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Oliver <sup>69</sup>	1	1	0	1	0	1	0	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Paone <sup>84</sup>	1	1	0	1	0	1	0	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Pentti <sup>100</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Politsmakher <sup>103</sup>	0	1	0	1	0	1	0	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	12	
Rana <sup>70</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Rehm <sup>71</sup>	0	1	0	1	0	1	0	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	12	
Rineau <sup>93</sup>	1	1	0	1	0	1	0	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Rothschild <sup>31</sup>	1	1	1	1	0	1	1	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	15	
Rosen <sup>72</sup>	1	0	0	1	0	1	0	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	12	
Spencer <sup>73</sup>	1	1	0	1	0	1	0	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	
Tavares <sup>74</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Ternstrom <sup>75</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Torella <sup>96</sup>	0	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Tseng <sup>106</sup>	1	1	0	1	0	1	0	0	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	

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Tuckfield <sup>102</sup>	1	1	0	1	0	1	0	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	14	
Valentine <sup>85</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	UTD	1	1	1	1	1	n/a	UTD	UTD	14	
Vos <sup>76</sup>	1	1	0	1	0	1	0	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	13	
Vrotsos <sup>94</sup>	0	1	0	1	0	1	0	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	12	
Whitney <sup>95</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Yaffee <sup>86</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	0	1	1	1	1	n/a	UTD	UTD	14	
Yeh <sup>77</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Yerrabothala <sup>78</sup>	1	1	0	1	0	1	1	1	0	1	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	15	
Zelinka <sup>79</sup>	0	1	0	1	0	1	0	1	0	0	1	UTD	1	1	1	1	1	1	1	n/a	UTD	UTD	12	